

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
 Data File : BP020530.D
 Acq On : 06 Jun 2024 00:12
 Operator : MA/JU
 Sample : P2683-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-4

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP020530.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	4	9	25	rVB	1995702	2791793	27.92%	2.142%
2	5.381	399	407	415	rBV	2806616	4488582	44.89%	3.444%
3	6.475	586	593	601	rVB	540145	863756	8.64%	0.663%
4	6.775	631	644	650	rBV2	59659	128313	1.28%	0.098%
5	6.934	664	671	680	rBV	3137075	4800342	48.01%	3.683%
6	7.216	714	719	728	rBV2	52112	103332	1.03%	0.079%
7	7.763	803	812	820	rBV	991373	1690862	16.91%	1.297%
8	8.916	1000	1008	1017	rVB	1753119	3079581	30.80%	2.363%
9	9.769	1139	1153	1160	rBV2	65888	198666	1.99%	0.152%
10	10.534	1275	1283	1289	rBV	1427815	2379108	23.79%	1.825%
11	10.581	1289	1291	1297	rVB	74909	110716	1.11%	0.085%
12	11.004	1357	1363	1369	rVB	78791	133949	1.34%	0.103%
13	12.998	1695	1702	1709	rBV	4339546	6742723	67.44%	5.173%
14	13.257	1742	1746	1759	rVB3	186551	345913	3.46%	0.265%
15	13.704	1816	1822	1828	rBV	1021456	1420427	14.21%	1.090%
16	13.798	1833	1838	1843	rVB2	130538	197307	1.97%	0.151%
17	14.104	1885	1890	1895	rBV	124961	192267	1.92%	0.148%
18	14.228	1904	1911	1916	rBV	88566	143786	1.44%	0.110%
19	14.351	1925	1932	1935	rBV	1806428	3017477	30.18%	2.315%
20	14.387	1935	1938	1944	rVB	2137152	2997502	29.98%	2.300%
21	14.463	1944	1951	1966	rVB4	236843	668640	6.69%	0.513%
22	14.651	1977	1983	1984	rBV2	208770	315338	3.15%	0.242%
23	14.792	2002	2007	2016	rBV2	105804	206777	2.07%	0.159%
24	15.404	2103	2111	2114	rBV7	60353	114303	1.14%	0.088%
25	15.451	2114	2119	2124	rVV	116534	183493	1.84%	0.141%
26	15.745	2164	2169	2174	rBV3	134013	238540	2.39%	0.183%
27	15.792	2174	2177	2182	rVV3	75451	106875	1.07%	0.082%
28	15.898	2185	2195	2206	rVV	4362197	5959314	59.60%	4.572%
29	15.992	2206	2211	2216	rVB4	93592	155882	1.56%	0.120%
30	16.145	2232	2237	2241	rBV5	54531	100807	1.01%	0.077%
31	16.628	2315	2319	2325	rVB2	99338	166956	1.67%	0.128%
32	16.710	2325	2333	2335	rBV3	68177	165592	1.66%	0.127%
33	16.751	2335	2340	2348	rVV	683727	1135792	11.36%	0.871%
34	16.828	2349	2353	2362	rVB	117048	208075	2.08%	0.160%
35	16.939	2365	2372	2377	rBV3	116012	252544	2.53%	0.194%
36	17.004	2380	2383	2389	rVB	112943	169234	1.69%	0.130%

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Min Area: 3 % of largest Peak

Start Thrs: 0.2

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.192	2408	2415	2418	rVV	2543765	3829963	38.30%	2.938%
38	17.233	2418	2422	2428	rVV	1802778	2654209	26.55%	2.036%
39	17.333	2429	2439	2444	rVV	402687	743387	7.43%	0.570%
40	17.398	2444	2450	2457	rVB	1172920	1677773	16.78%	1.287%
41	17.504	2464	2468	2475	rVB2	75656	128654	1.29%	0.099%
42	17.610	2482	2486	2490	rVB	171347	226006	2.26%	0.173%
43	17.733	2503	2507	2509	rBV	241190	334434	3.34%	0.257%
44	17.792	2514	2517	2526	rVB4	85238	147727	1.48%	0.113%
45	18.016	2550	2555	2559	rBV3	167274	264350	2.64%	0.203%
46	18.075	2560	2565	2572	rVV3	1200884	2160191	21.60%	1.657%
47	18.145	2572	2577	2586	rVV	1754953	2498922	24.99%	1.917%
48	18.257	2588	2596	2599	rVV2	295557	713674	7.14%	0.548%
49	18.298	2599	2603	2608	rVV	408433	758157	7.58%	0.582%
50	18.345	2608	2611	2618	rVB	215681	281497	2.82%	0.216%
51	18.457	2621	2630	2635	rBV2	579001	1089594	10.90%	0.836%
52	18.569	2642	2649	2654	rVB5	81216	206855	2.07%	0.159%
53	18.628	2654	2659	2661	rBV	187790	276011	2.76%	0.212%
54	18.663	2661	2665	2670	rVB2	262727	392607	3.93%	0.301%
55	18.722	2670	2675	2687	rVB	526902	800578	8.01%	0.614%
56	18.839	2690	2695	2700	rBV	1004074	1453345	14.54%	1.115%
57	18.969	2714	2717	2721	rVB	75206	103430	1.03%	0.079%
58	19.051	2726	2731	2734	rBV	209280	365898	3.66%	0.281%
59	19.092	2734	2738	2746	rVB2	493615	837919	8.38%	0.643%
60	19.198	2752	2756	2760	rBV	140948	204353	2.04%	0.157%
61	19.322	2772	2777	2783	rBV	3987165	5425036	54.26%	4.162%
62	19.475	2799	2803	2809	rBV2	420772	666465	6.67%	0.511%
63	19.575	2816	2820	2825	rVB2	190063	260521	2.61%	0.200%
64	19.704	2832	2842	2850	rBV	3130660	5432570	54.33%	4.168%
65	19.780	2851	2855	2860	rVB2	138770	231300	2.31%	0.177%
66	19.933	2870	2881	2889	rBV	6209442	9998637	100.00%	7.671%
67	20.051	2895	2901	2906	rBV2	200904	476219	4.76%	0.365%
68	20.104	2906	2910	2918	rVB2	222975	369592	3.70%	0.284%
69	20.186	2920	2924	2926	rBV3	155771	245215	2.45%	0.188%
70	20.222	2927	2930	2935	rVB	387196	511876	5.12%	0.393%
71	20.333	2944	2949	2952	rBV	263295	363574	3.64%	0.279%
72	20.386	2952	2958	2963	rBV2	386543	665128	6.65%	0.510%
73	20.533	2980	2983	2986	rBV	149467	166915	1.67%	0.128%
74	20.945	3051	3053	3059	rVB2	205879	208223	2.08%	0.160%
75	21.016	3061	3065	3073	rVB	297990	545363	5.45%	0.418%
76	21.127	3078	3084	3090	rVV	6147933	7326556	73.28%	5.621%

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ClientSampleId :
WC-4

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.257	3103	3106	3109	rVV	244239	267519	2.68%	0.205%
78	21.298	3110	3113	3115	rVV	211226	299471	3.00%	0.230%
79	21.339	3115	3120	3133	rVB4	781262	1832607	18.33%	1.406%
80	21.586	3158	3162	3164	rBV2	248676	343413	3.43%	0.263%
81	21.651	3165	3173	3177	rVV2	2992025	7325300	73.26%	5.620%
82	21.698	3177	3181	3191	rVB	1465017	2683456	26.84%	2.059%
83	21.845	3202	3206	3211	rBV	244542	366478	3.67%	0.281%
84	22.604	3329	3335	3345	rVB5	474835	1192268	11.92%	0.915%
85	23.292	3446	3452	3463	rBV	896853	2309444	23.10%	1.772%
86	23.951	3555	3564	3570	rBV	1152248	3600287	36.01%	2.762%
87	24.210	3603	3608	3613	rBV2	366192	771170	7.71%	0.592%
88	24.692	3685	3690	3703	rVB	701482	1909110	19.09%	1.465%
89	24.839	3709	3715	3725	rVB2	1015829	2558205	25.59%	1.963%
90	25.010	3735	3744	3752	rBV	1417192	3871517	38.72%	2.970%

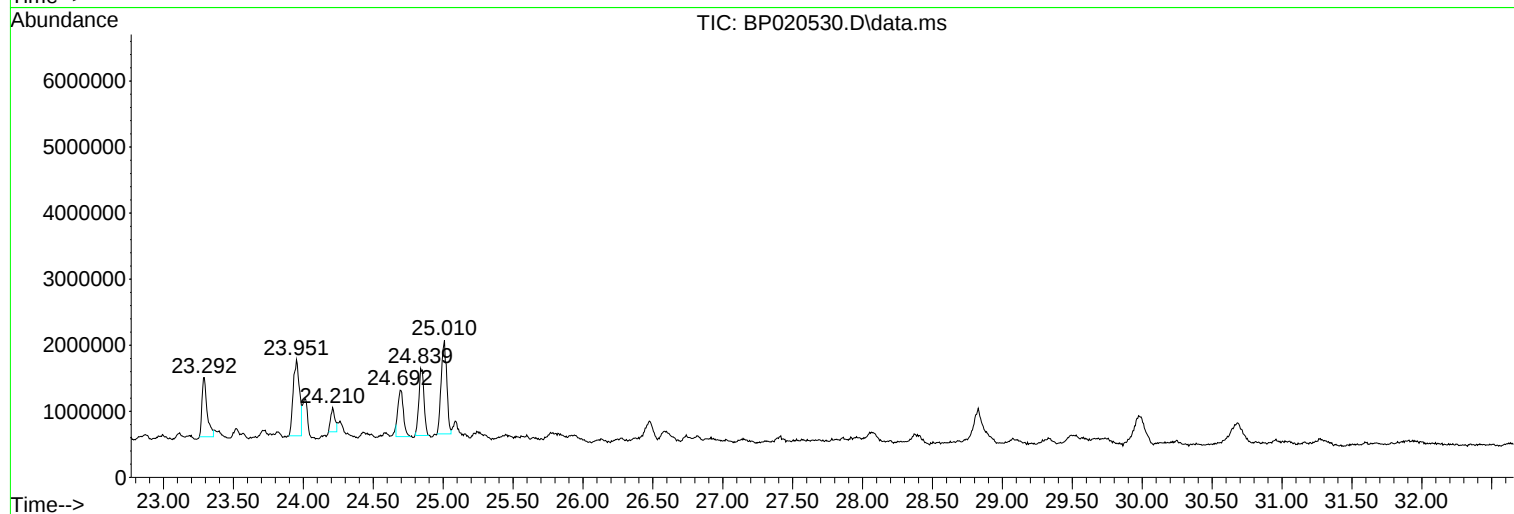
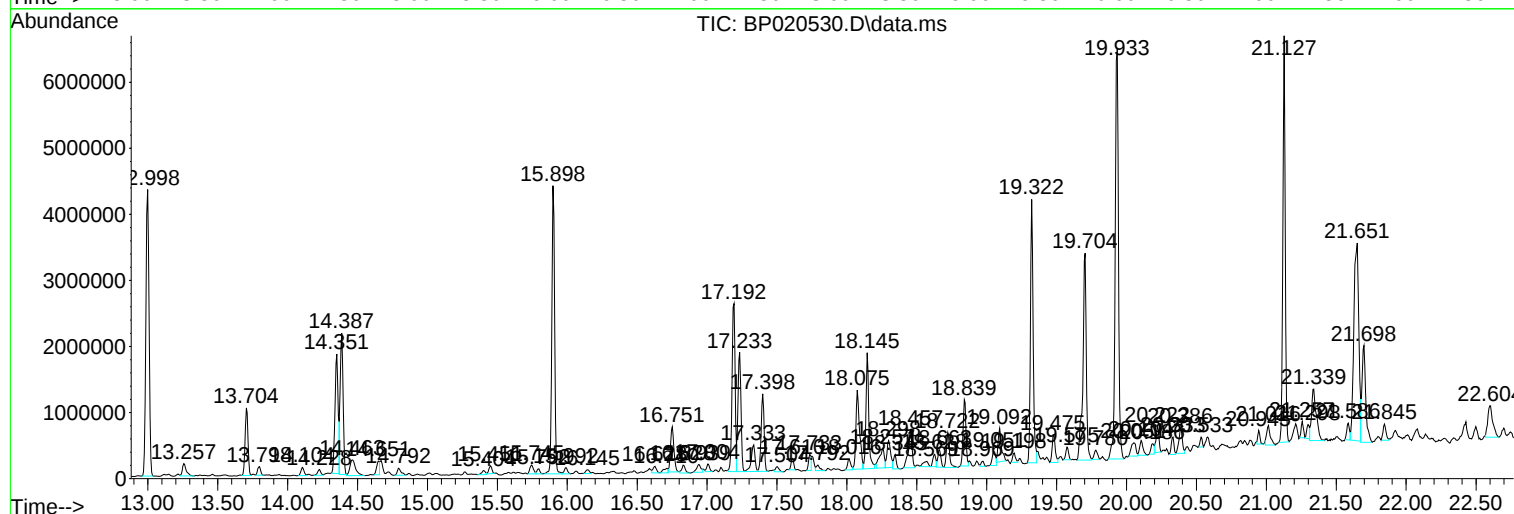
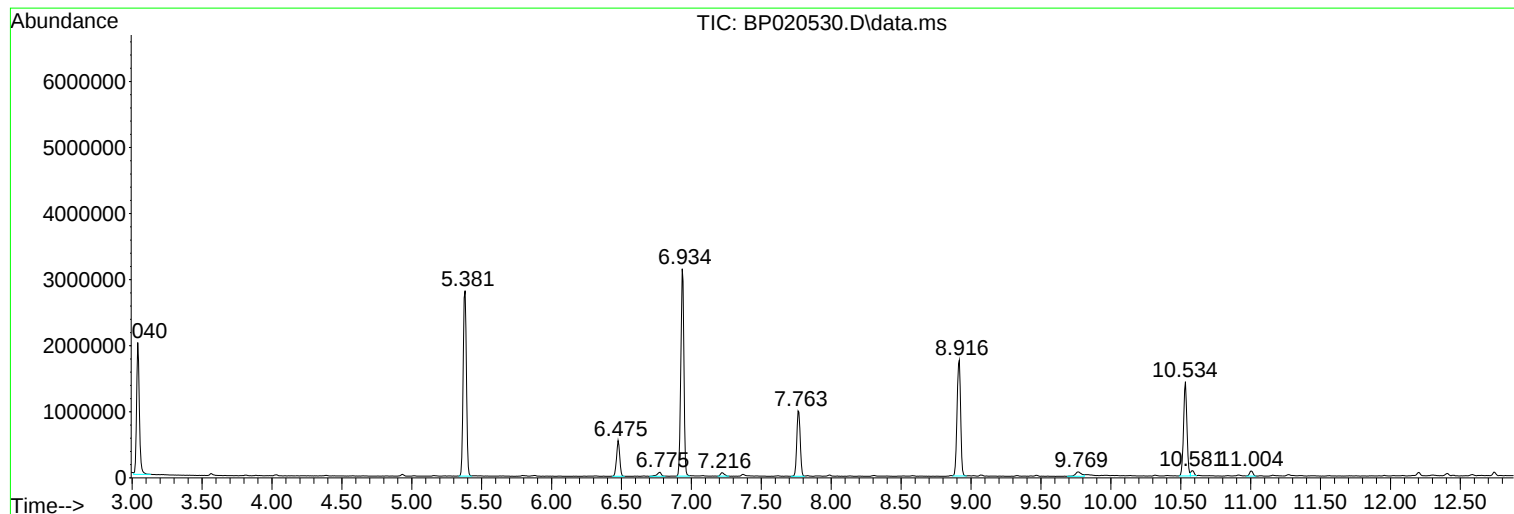
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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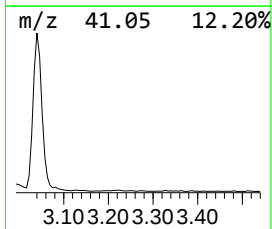
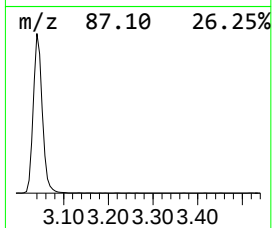
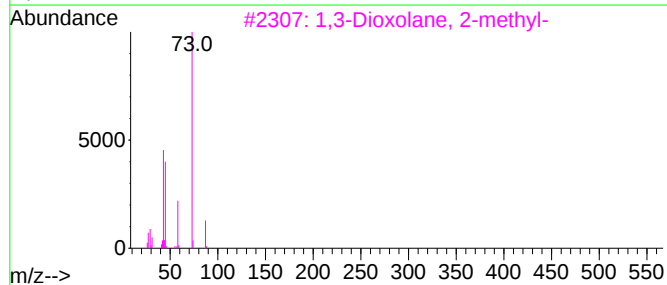
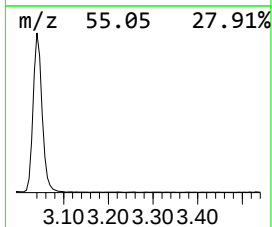
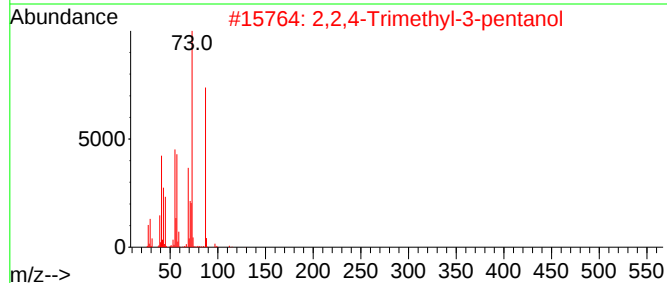
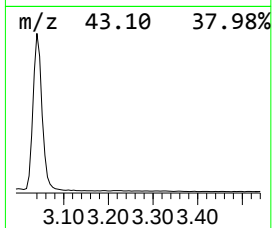
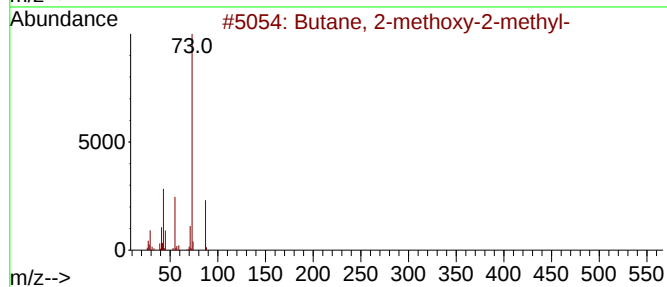
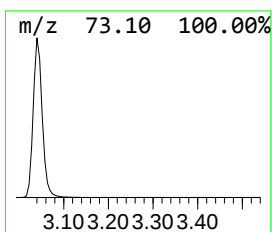
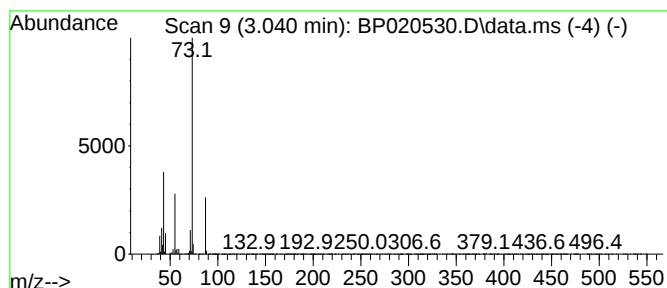
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	33.02 ng	2791790	1,4-Dichlorobenzene-d4	7.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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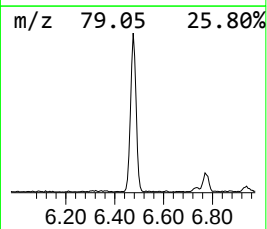
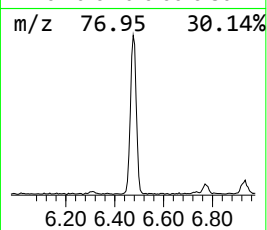
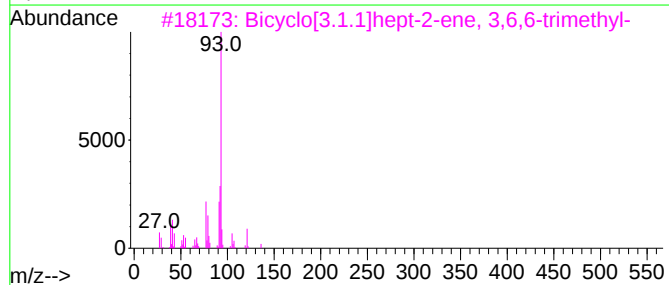
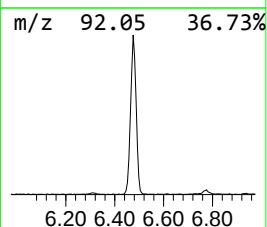
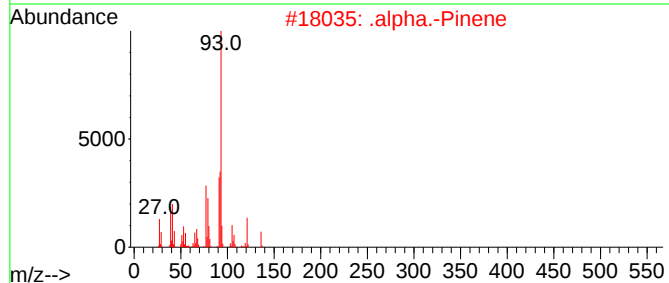
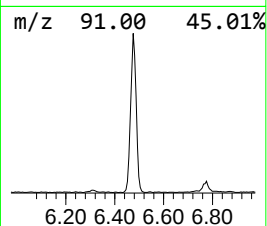
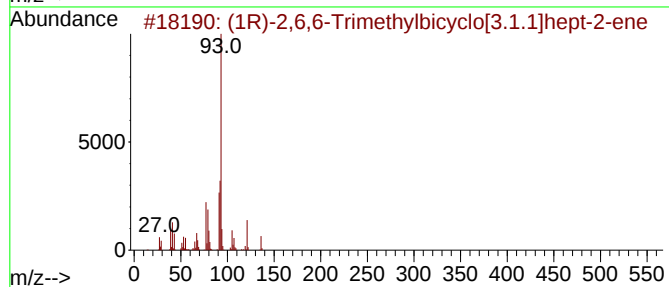
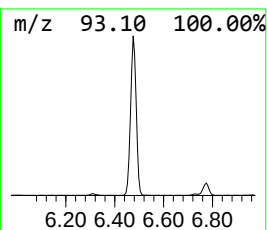
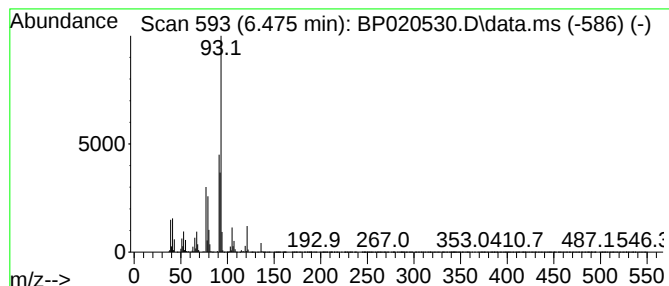
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.475	10.22 ng	863756	1,4-Dichlorobenzene-d4	7.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95		
2	.alpha.-Pinene	136	C10H16	000080-56-8	94		
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91		
4	Tricyclo[2.2.1.0(2,6)]heptane, 1,4-dichloro-	136	C10H16	000508-32-7	91		
5	(+)-3-Carene	136	C10H16	000498-15-7	91		



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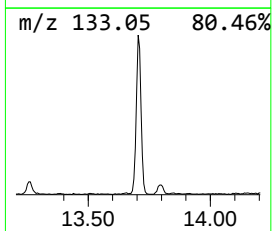
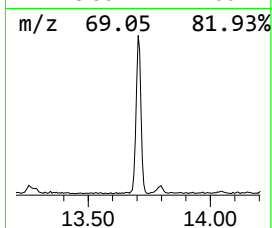
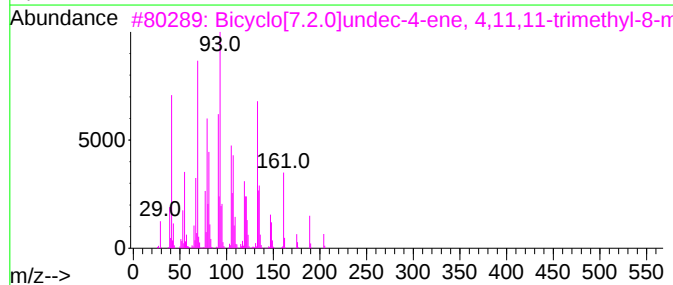
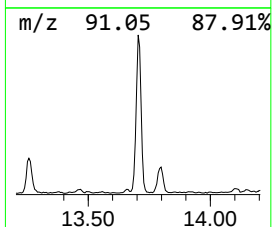
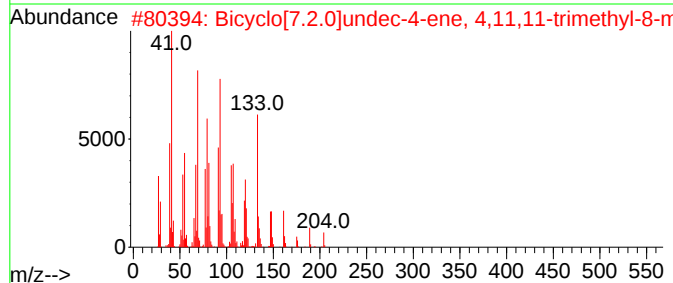
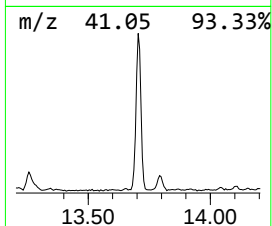
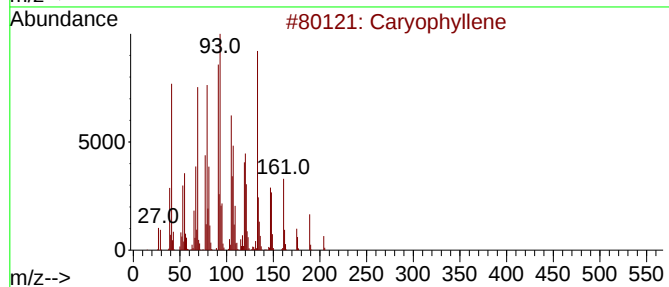
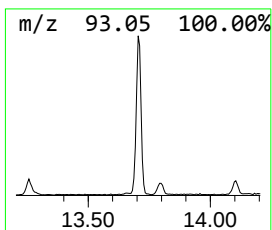
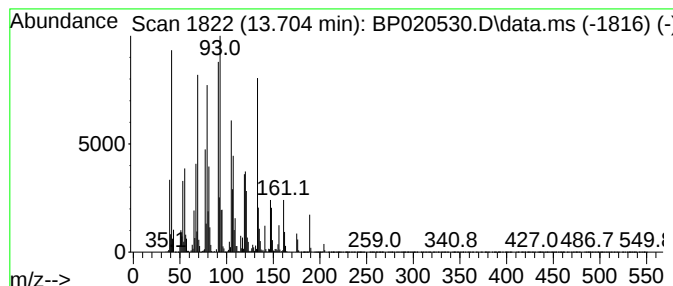
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Caryophyllene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	9.48 ng	1420430	Acenaphthene-d10	14.387

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Caryophyllene	204	C15H24	000087-44-5	99
2			Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	91
3			Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	86
4			Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	83
5			Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020530.D
Acq On : 06 Jun 2024 00:12
Operator : MA/JU
Sample : P2683-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-4

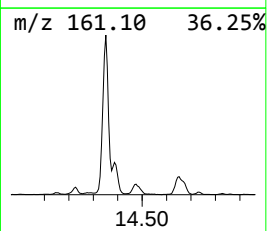
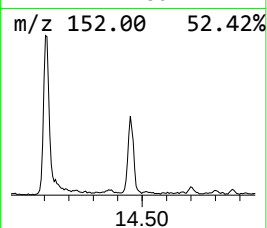
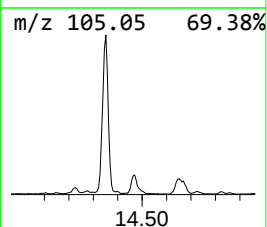
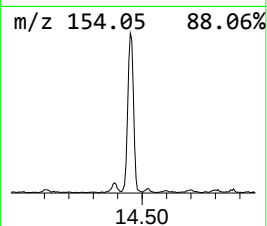
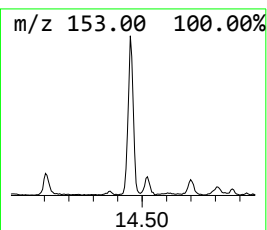
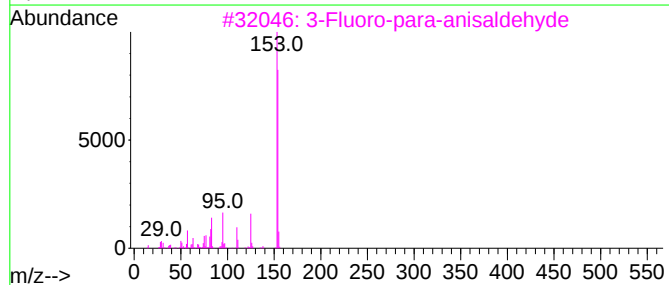
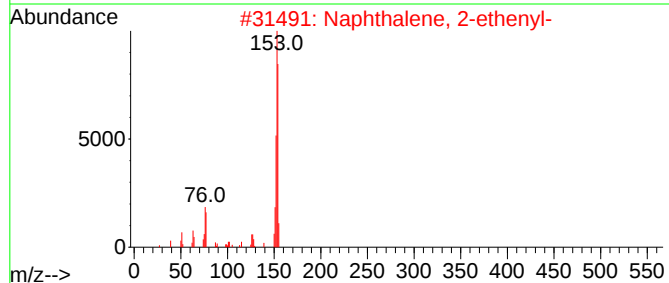
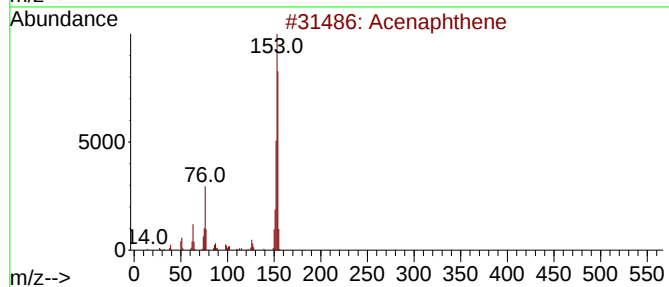
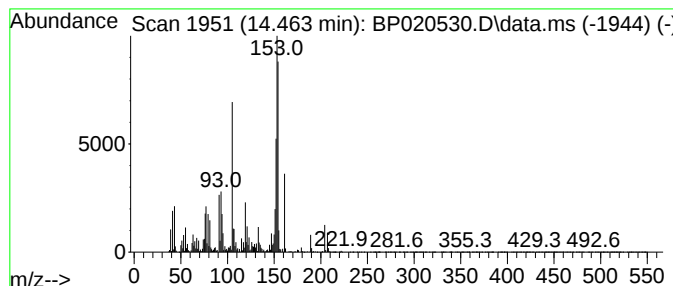
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown14.463 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.463	4.46 ng	668640	Acenaphthene-d10	14.387

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	55
2			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	49
3			3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	46
4			2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	43
5			isolekene	204	C15H24	095910-36-4	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020530.D
Acq On : 06 Jun 2024 00:12
Operator : MA/JU
Sample : P2683-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-4

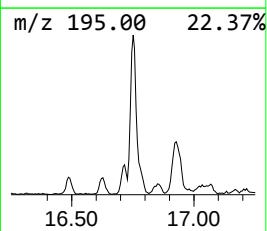
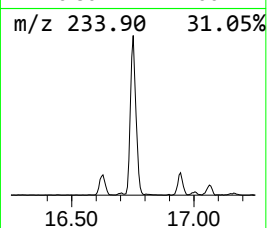
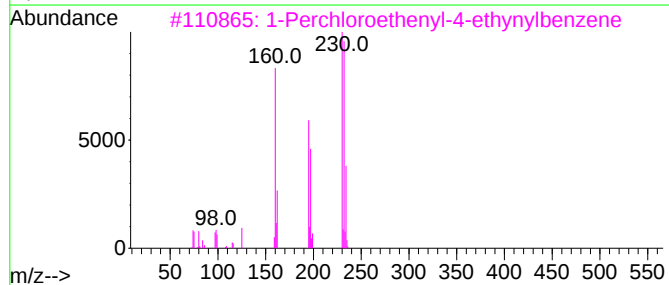
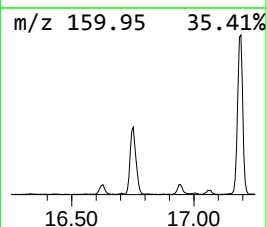
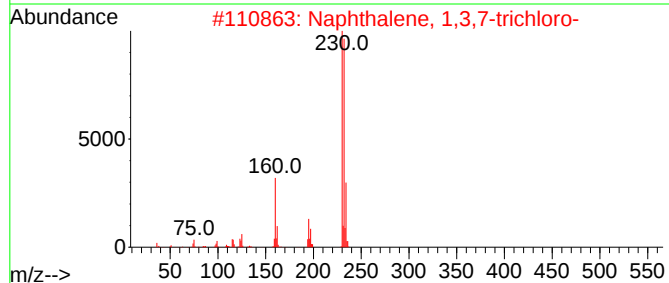
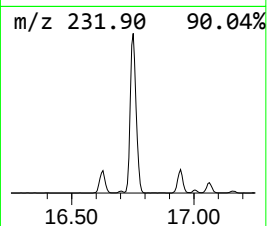
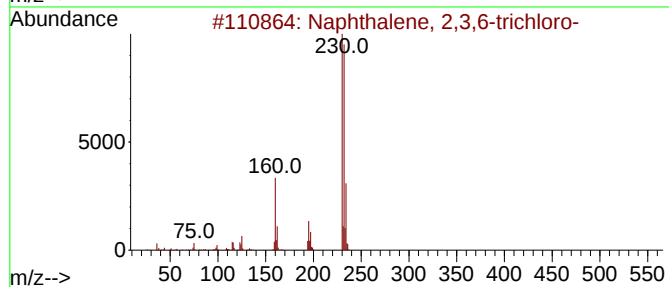
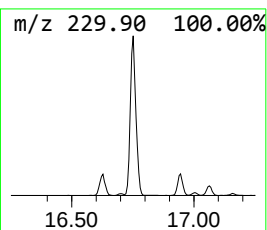
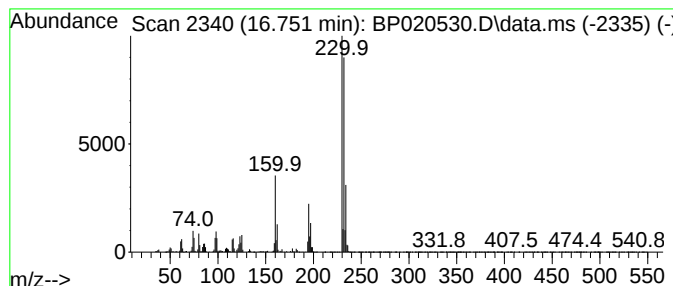
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 2,3,6-trichloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.751	5.93 ng	1135790	Phenanthrene-d10	17.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trichloro-	230	C10H5Cl3	055720-40-6	99
2			Naphthalene, 1,3,7-trichloro-	230	C10H5Cl3	055720-37-1	99
3			1-Perchloroethenyl-4-ethynylbenzene	230	C10H5Cl3	1000283-76-9	76
4			Acenaphthylene, 1-bromo-	230	C12H7Br	054736-49-1	70
5			6-Bromo-4-chloro-1H-indazole	230	C7H4BrClN2	885518-99-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020530.D
Acq On : 06 Jun 2024 00:12
Operator : MA/JU
Sample : P2683-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-4

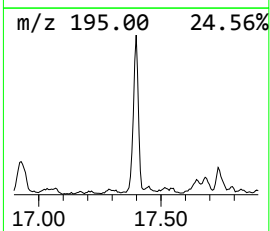
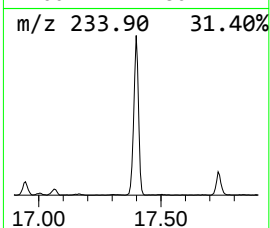
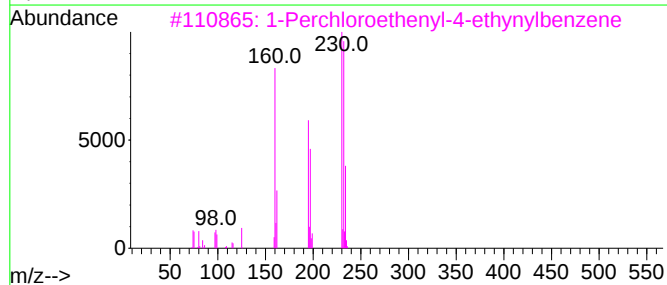
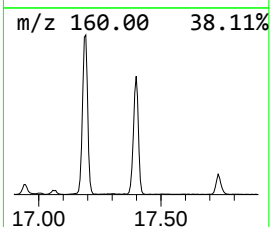
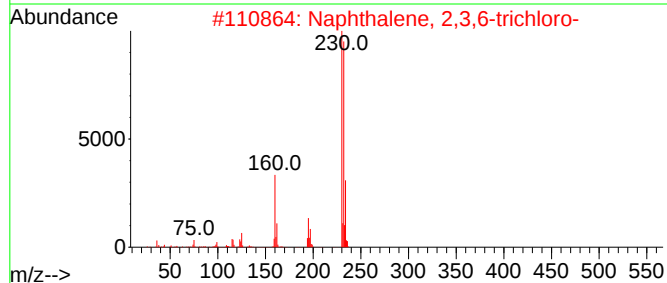
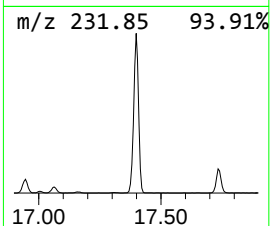
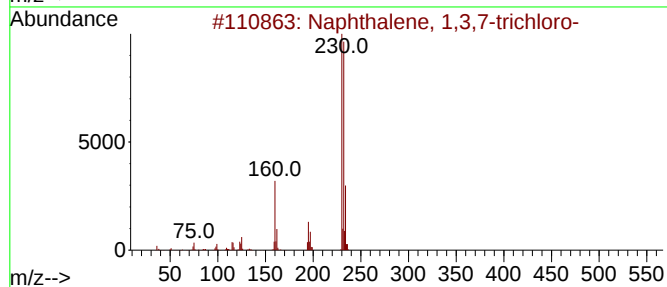
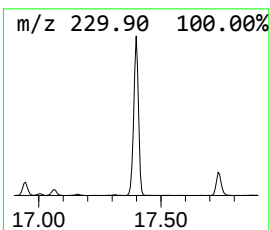
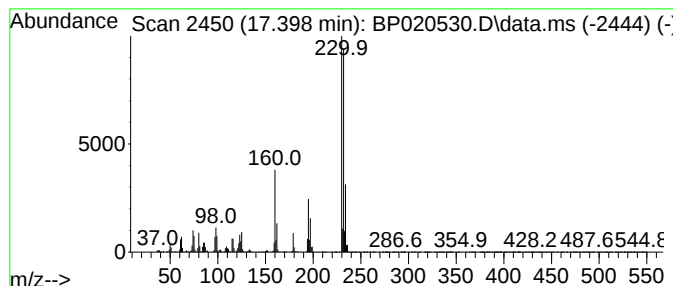
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,3,7-trichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.398	8.76 ng	1677770	Phenanthrene-d10	17.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3,7-trichloro-	230	C10H5Cl3	055720-37-1	99
2			Naphthalene, 2,3,6-trichloro-	230	C10H5Cl3	055720-40-6	99
3			1-Perchloroethenyl-4-ethynylbenzene	230	C10H5Cl3	1000283-76-9	86
4			Acenaphthylene, 1-bromo-	230	C12H7Br	054736-49-1	64
5			4-Bromo-6-chloro-1H-indazole	230	C7H4BrClN2	885519-03-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020530.D
Acq On : 06 Jun 2024 00:12
Operator : MA/JU
Sample : P2683-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

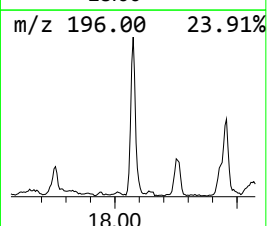
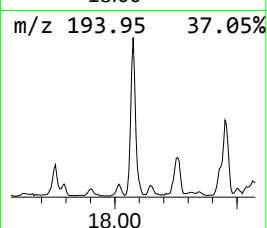
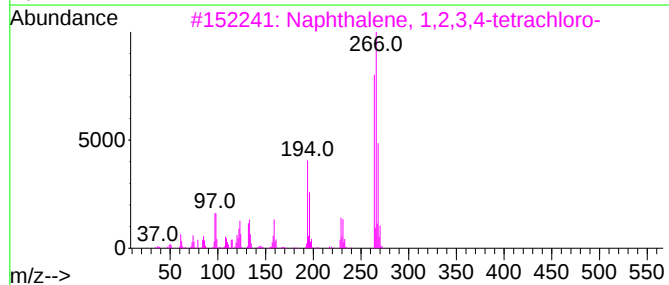
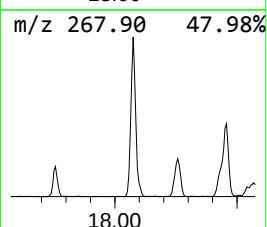
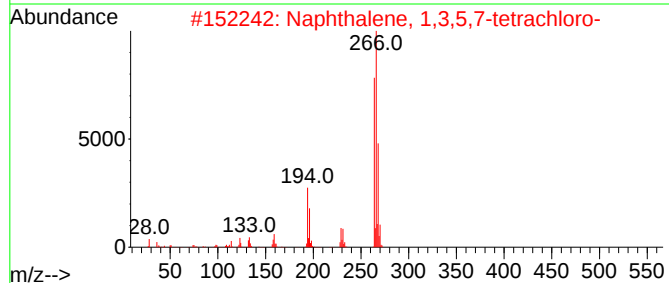
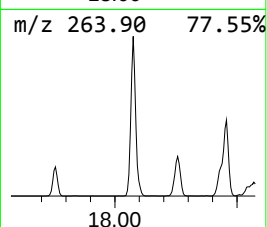
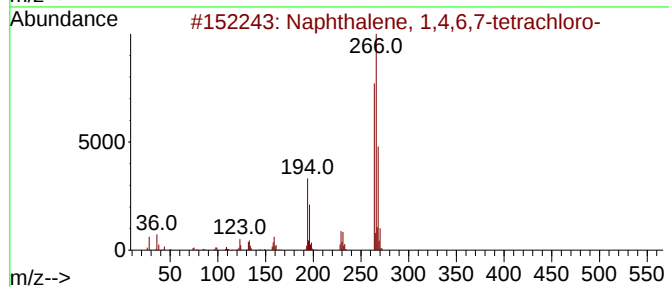
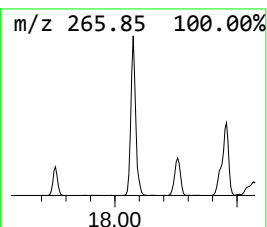
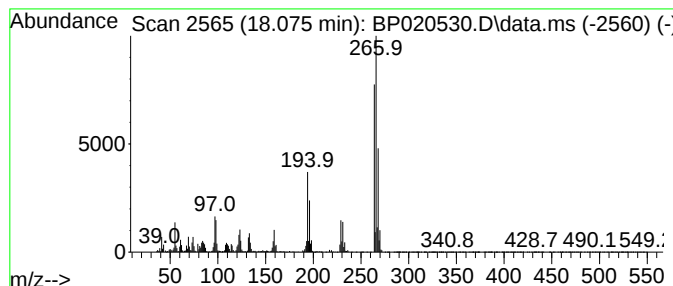
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 1,4,6,7-tetrac... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.075	11.28 ng	2160190	Phenanthrene-d10		17.192	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6,7-tetrachloro-		264	C10H4Cl4	055720-43-9	99
2	Naphthalene, 1,3,5,7-tetrachloro-		264	C10H4Cl4	053555-64-9	99
3	Naphthalene, 1,2,3,4-tetrachloro-		264	C10H4Cl4	020020-02-4	99
4	Tetrachloroterephthalonitrile		264	C8Cl4N2	001897-41-2	95
5	1,2-Benzenedicarbonitrile, 3,4,5...		264	C8Cl4N2	001953-99-7	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020530.D
Acq On : 06 Jun 2024 00:12
Operator : MA/JU
Sample : P2683-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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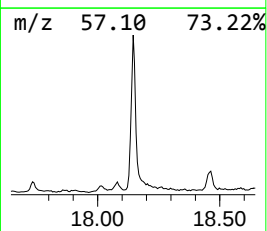
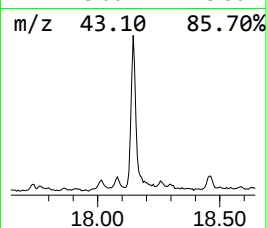
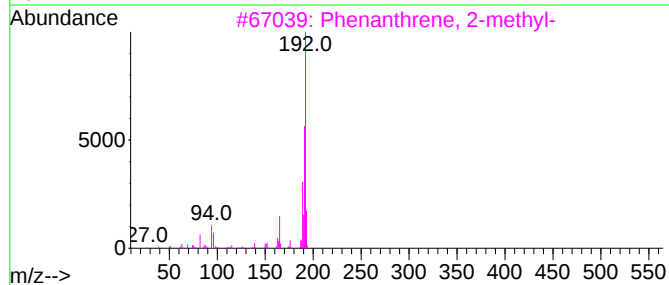
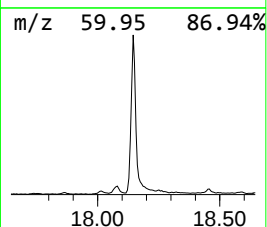
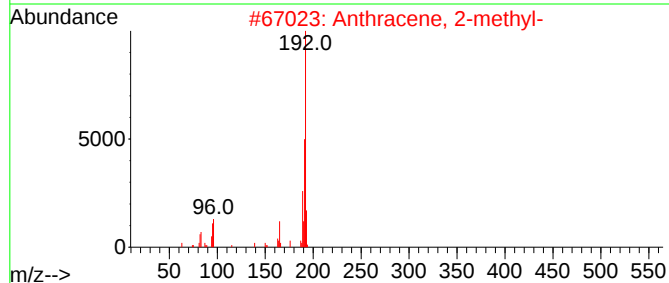
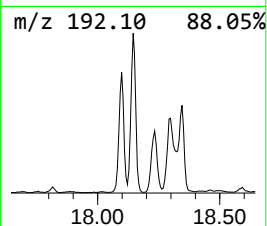
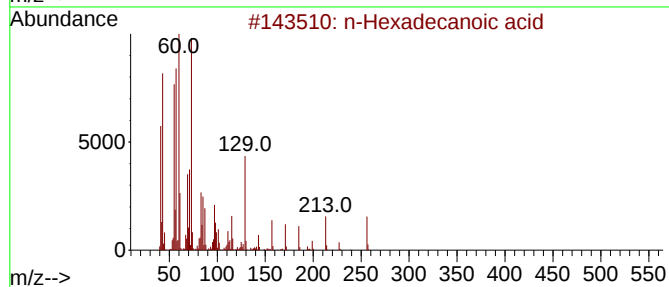
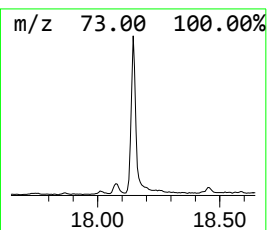
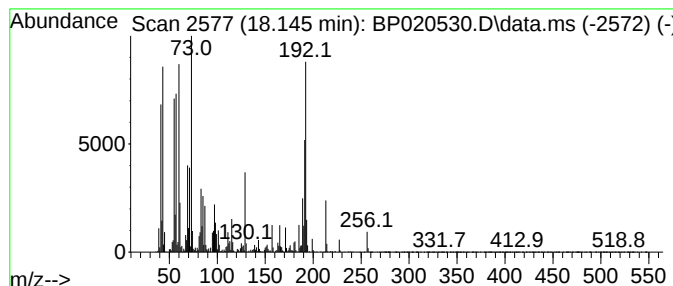
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	13.05 ng	2498920	Phenanthrene-d10	17.192

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020530.D
Acq On : 06 Jun 2024 00:12
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Sample : P2683-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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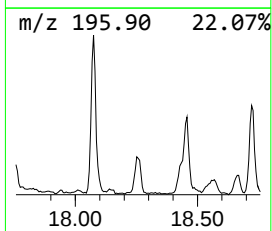
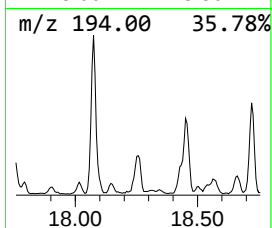
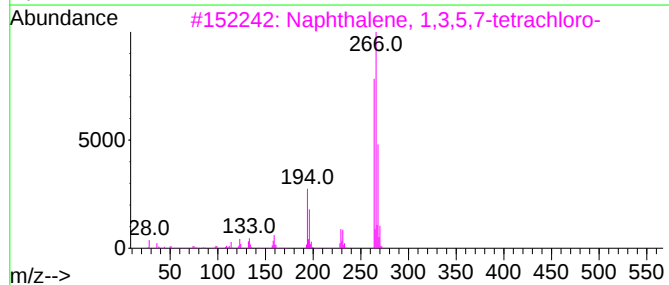
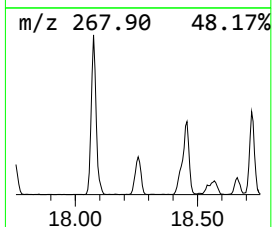
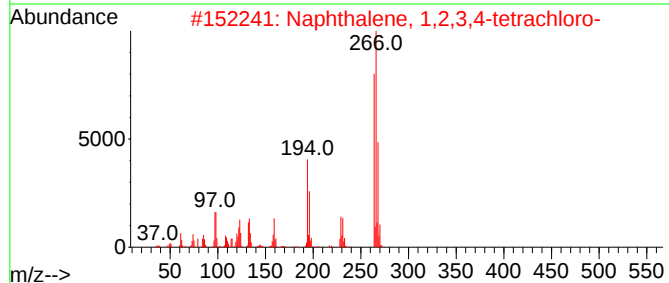
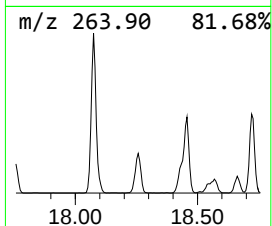
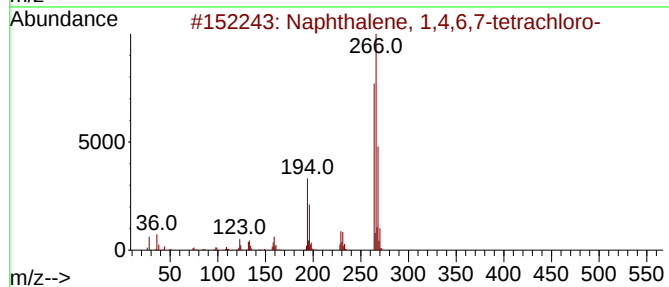
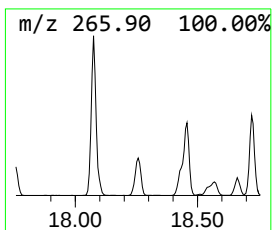
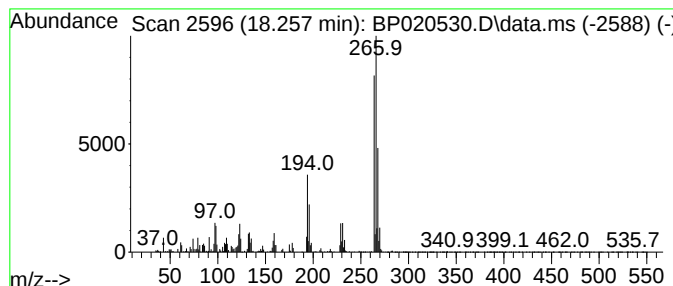
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1,2,3,4-tetrac... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.257	3.73 ng	713674	Phenanthrene-d10	17.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6,7-tetrachloro-	264	C10H4Cl4	055720-43-9	99
2			Naphthalene, 1,2,3,4-tetrachloro-	264	C10H4Cl4	020020-02-4	99
3			Naphthalene, 1,3,5,7-tetrachloro-	264	C10H4Cl4	053555-64-9	99
4			Tetrachloroisophthalonitrile	264	C8Cl4N2	001897-45-6	93
5			Tetrachloroterephthalonitrile	264	C8Cl4N2	001897-41-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020530.D
Acq On : 06 Jun 2024 00:12
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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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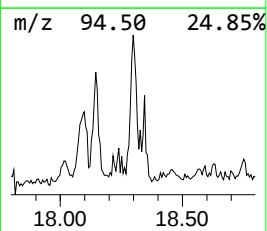
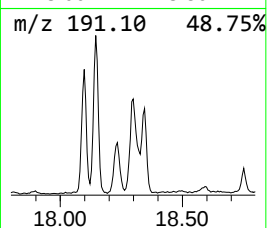
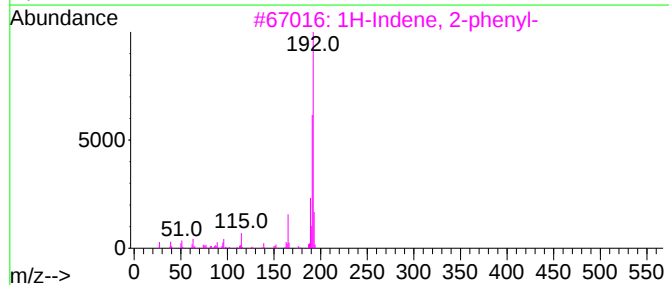
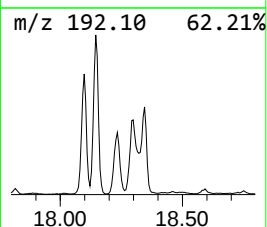
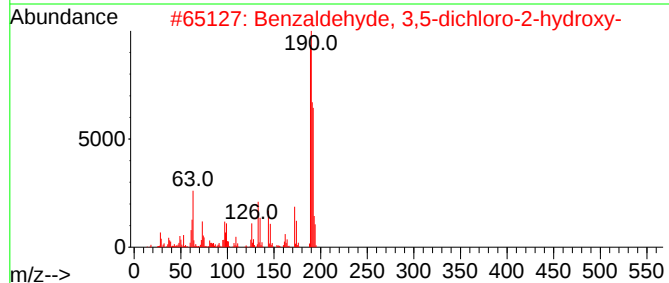
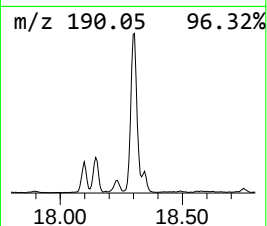
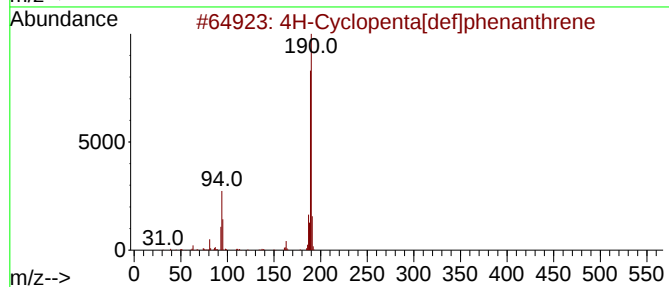
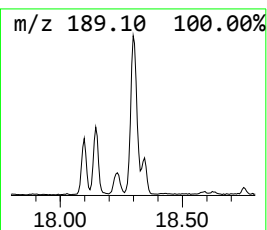
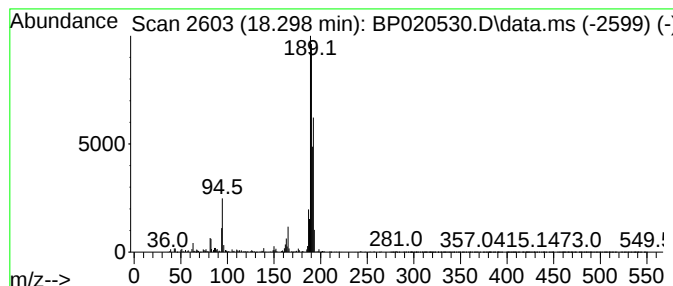
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	3.96 ng	758157	Phenanthrene-d10	17.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020530.D
Acq On : 06 Jun 2024 00:12
Operator : MA/JU
Sample : P2683-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-4

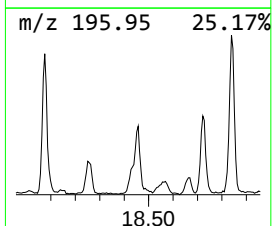
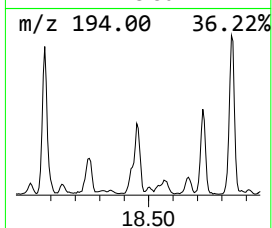
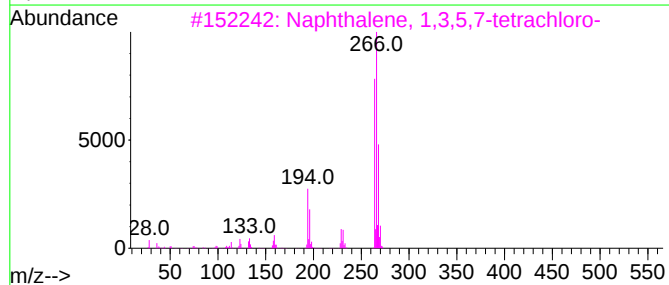
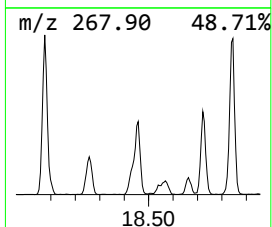
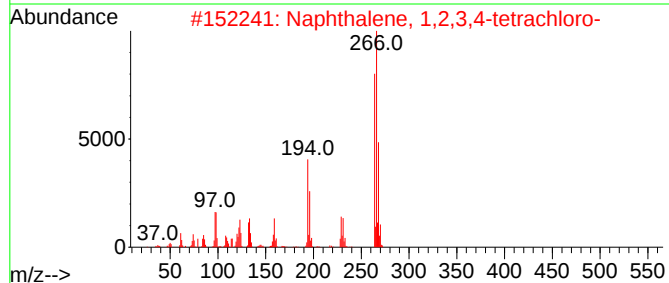
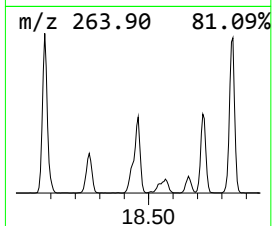
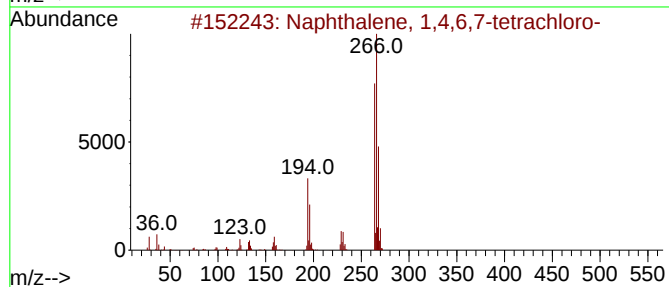
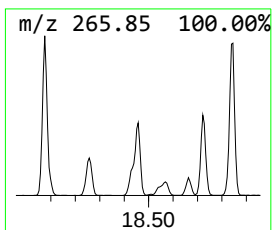
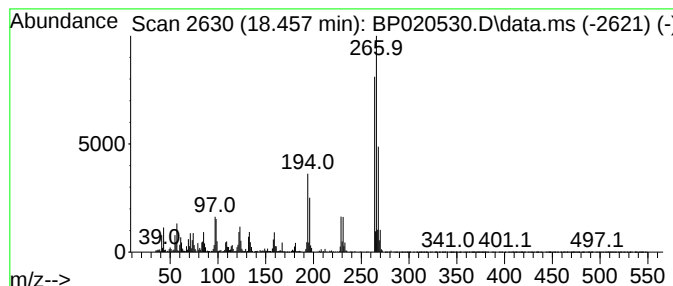
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 1,3,5,7-tetrac... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.457	5.69 ng	1089590	Phenanthrene-d10	17.192

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,4,6,7-tetrachloro-	264	C10H4Cl4	055720-43-9	96
2		Naphthalene, 1,2,3,4-tetrachloro-	264	C10H4Cl4	020020-02-4	96
3		Naphthalene, 1,3,5,7-tetrachloro-	264	C10H4Cl4	053555-64-9	96
4		Tetrachloroterephthalonitrile	264	C8Cl4N2	001897-41-2	95
5		Tetrachloroisophthalonitrile	264	C8Cl4N2	001897-45-6	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020530.D
Acq On : 06 Jun 2024 00:12
Operator : MA/JU
Sample : P2683-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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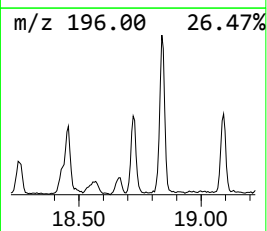
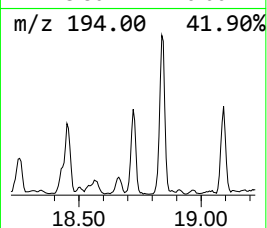
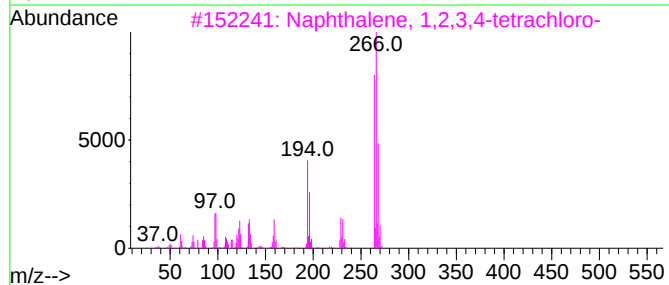
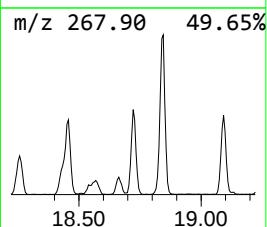
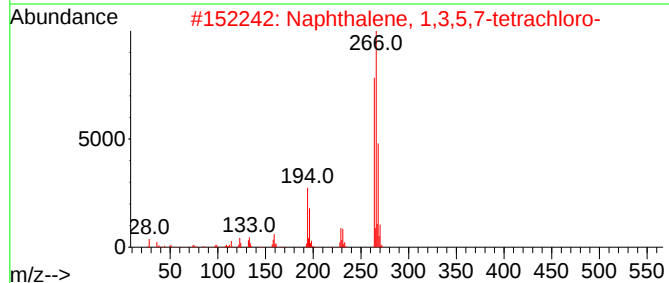
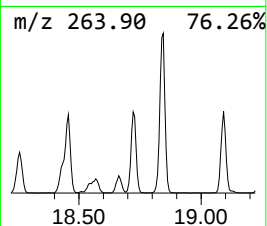
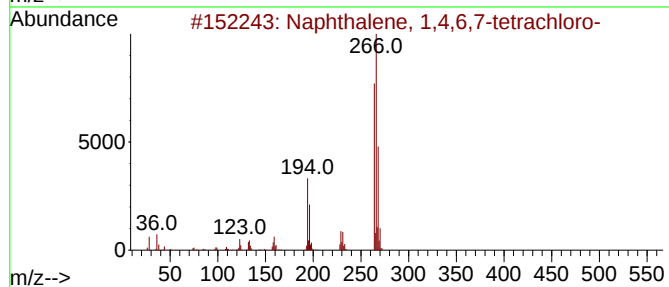
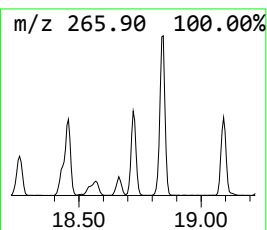
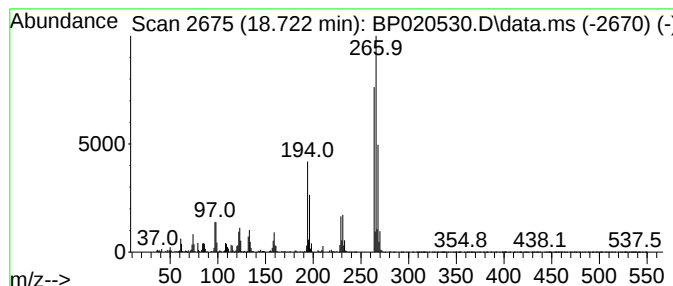
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Tetrachloroterephthalonitrile Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.722	4.18 ng	800578	Phenanthrene-d10	17.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6,7-tetrachloro-	264	C10H4Cl4	055720-43-9	99
2			Naphthalene, 1,3,5,7-tetrachloro-	264	C10H4Cl4	053555-64-9	99
3			Naphthalene, 1,2,3,4-tetrachloro-	264	C10H4Cl4	020020-02-4	99
4			Tetrachloroterephthalonitrile	264	C8Cl4N2	001897-41-2	95
5			Tetrachloroisophthalonitrile	264	C8Cl4N2	001897-45-6	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020530.D
Acq On : 06 Jun 2024 00:12
Operator : MA/JU
Sample : P2683-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-4

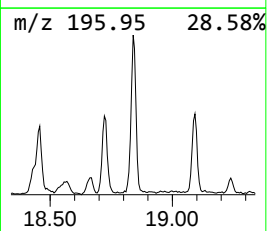
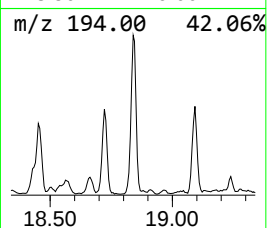
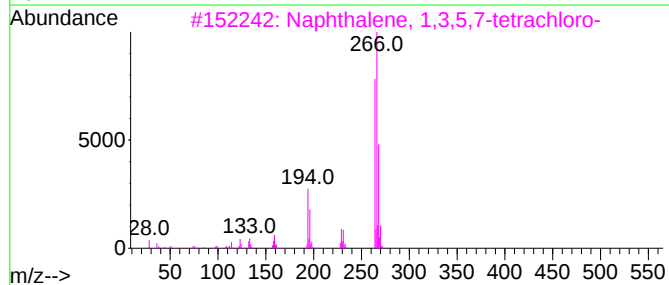
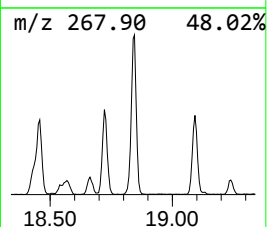
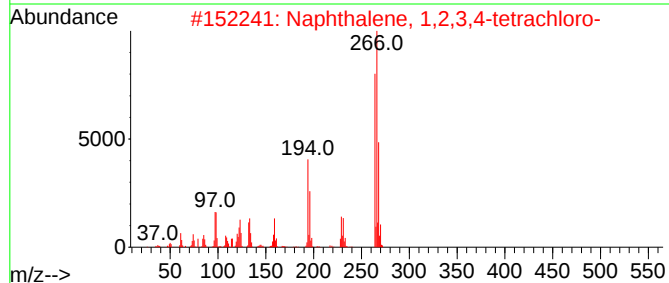
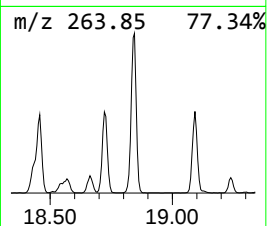
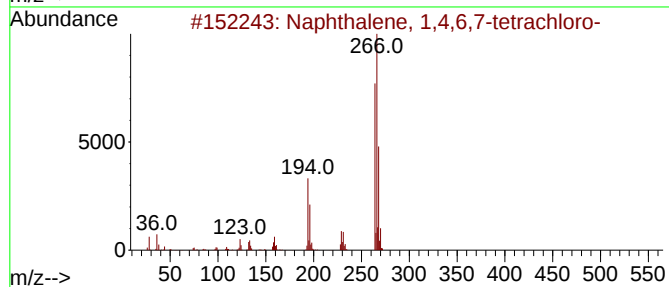
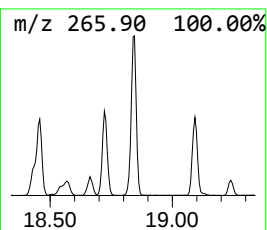
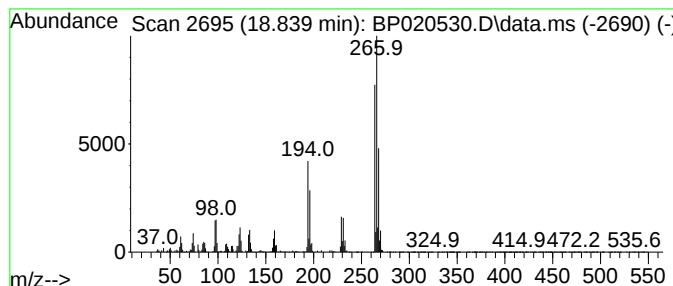
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tetrachloroisophthalonitrile Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.839	7.59 ng	1453350	Phenanthrene-d10	17.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6,7-tetrachloro-	264	C10H4Cl4	055720-43-9	99
2			Naphthalene, 1,2,3,4-tetrachloro-	264	C10H4Cl4	020020-02-4	99
3			Naphthalene, 1,3,5,7-tetrachloro-	264	C10H4Cl4	053555-64-9	99
4			Tetrachloroterephthalonitrile	264	C8Cl4N2	001897-41-2	95
5			Tetrachloroisophthalonitrile	264	C8Cl4N2	001897-45-6	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020530.D
Acq On : 06 Jun 2024 00:12
Operator : MA/JU
Sample : P2683-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

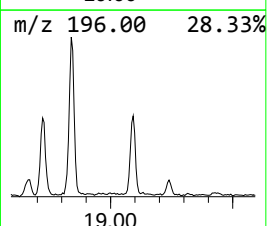
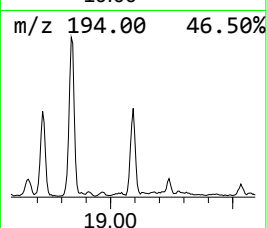
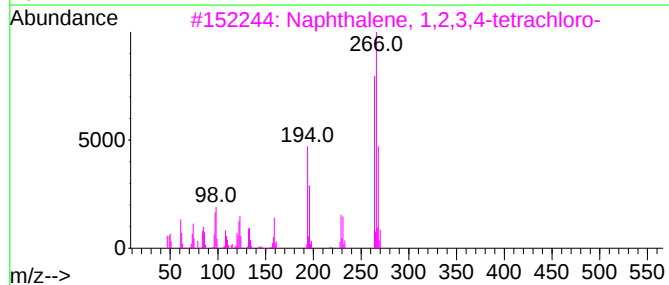
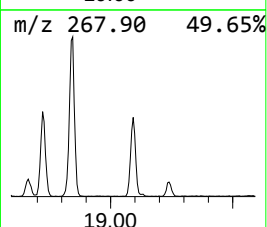
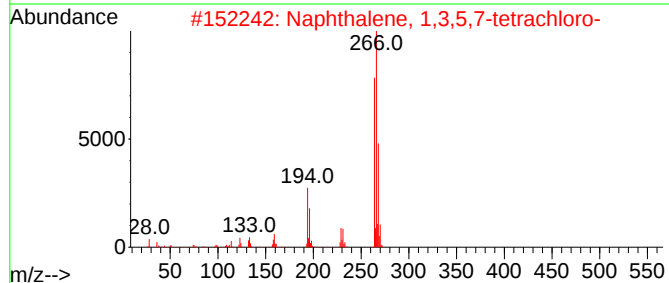
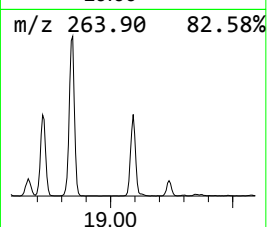
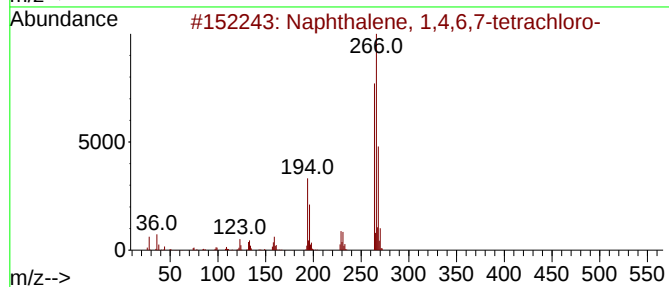
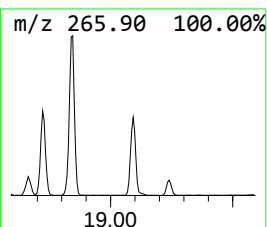
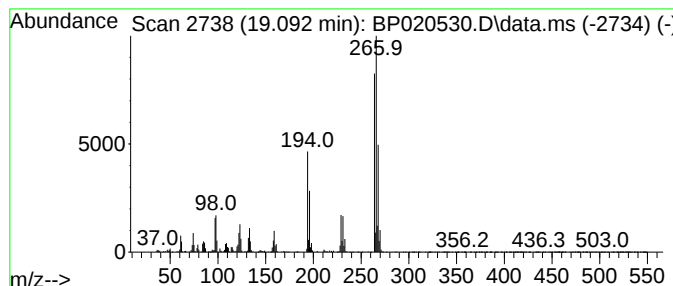
Instrument :
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ClientSampleId :
WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown19.092 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.092	4.38 ng	837919	Phenanthrene-d10		17.192	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6,7-tetrachloro-		264	C10H4Cl4	055720-43-9	99
2	Naphthalene, 1,3,5,7-tetrachloro-		264	C10H4Cl4	053555-64-9	99
3	Naphthalene, 1,2,3,4-tetrachloro-		264	C10H4Cl4	020020-02-4	95
4	Tetrachloroterephthalonitrile		264	C8Cl4N2	001897-41-2	95
5	Tetrachloroisophthalonitrile		264	C8Cl4N2	001897-45-6	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020530.D
Acq On : 06 Jun 2024 00:12
Operator : MA/JU
Sample : P2683-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-4

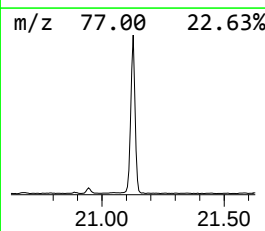
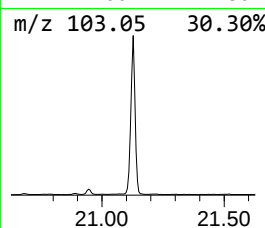
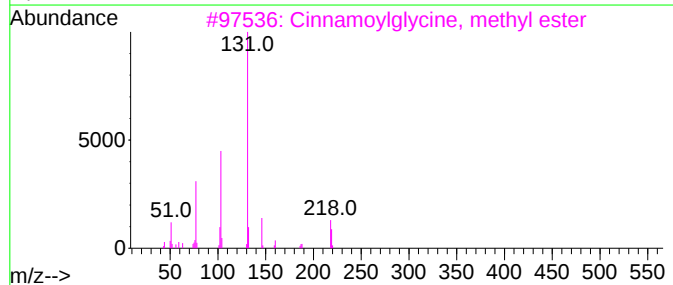
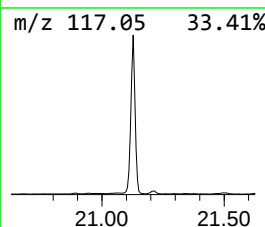
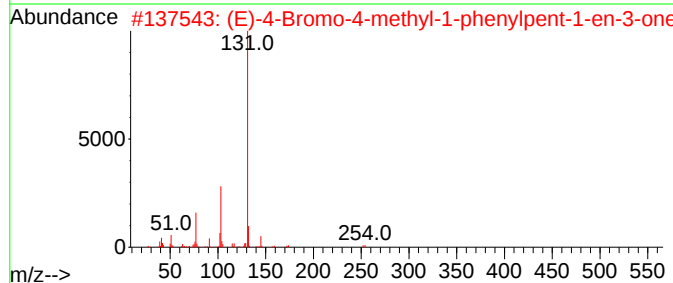
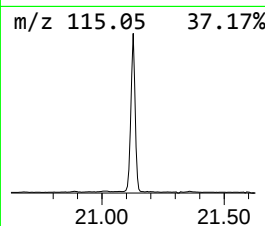
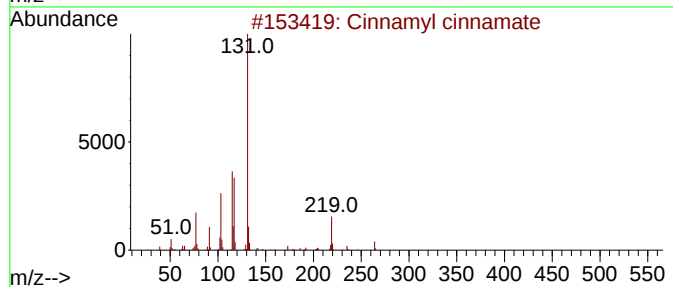
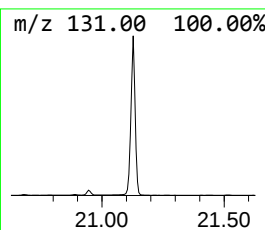
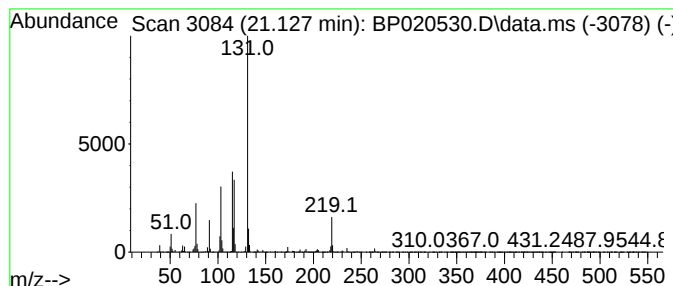
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Cinnamyl cinnamate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.127	20.00 ng	7326560	Chrysene-d12	21.651

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cinnamyl cinnamate	264	C18H16O2	000122-69-0	91
2			(E)-4-Bromo-4-methyl-1-phenylpen...	252	C12H13BrO	1000443-02-8	53
3			Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	53
4			2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	52
5			N-(4-Fluorophenyl)-3-phenyl-2-pr...	241	C15H12FNO	019358-27-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020530.D
Acq On : 06 Jun 2024 00:12
Operator : MA/JU
Sample : P2683-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

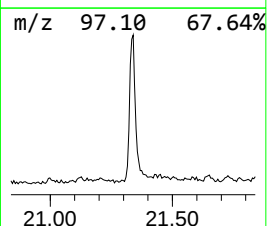
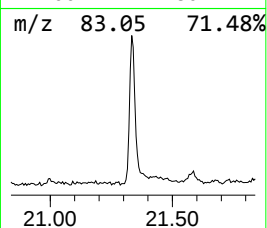
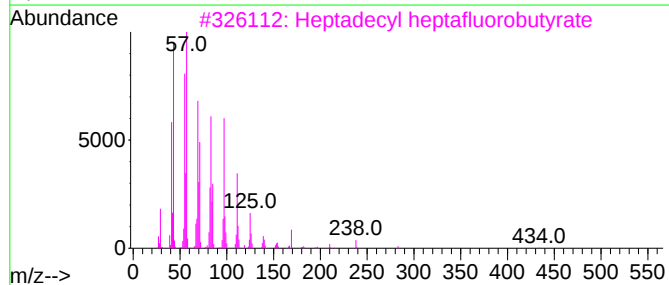
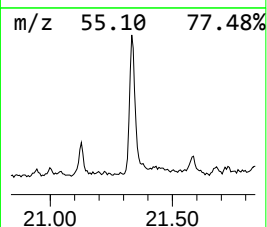
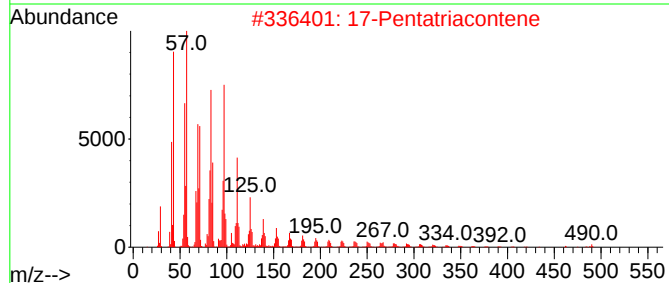
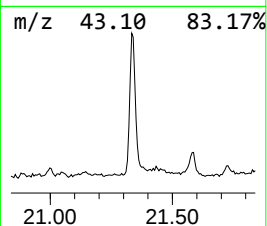
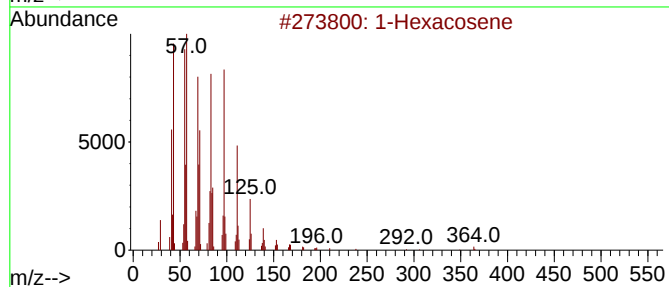
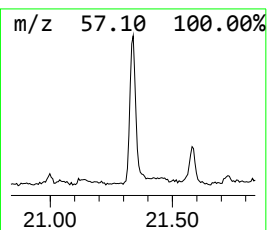
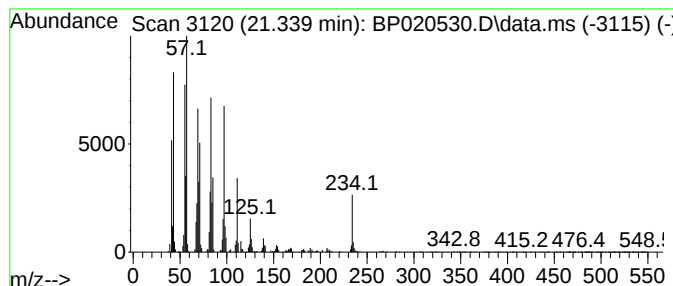
Instrument :
BNA_P
ClientSampleId :
WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 1-Hexacosene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.339	5.00 ng	1832610	Chrysene-d12	21.651	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020530.D
Acq On : 06 Jun 2024 00:12
Operator : MA/JU
Sample : P2683-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

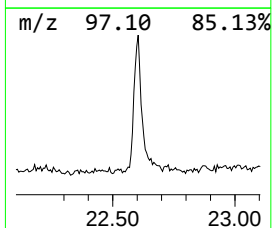
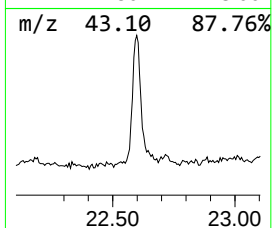
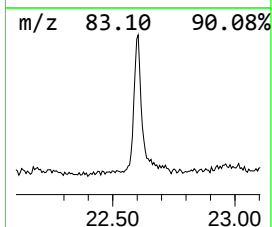
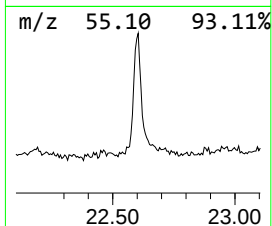
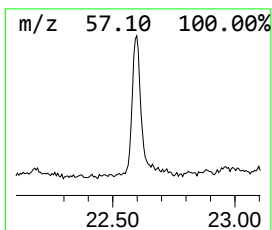
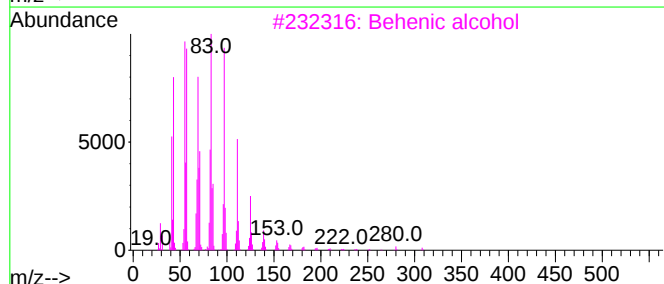
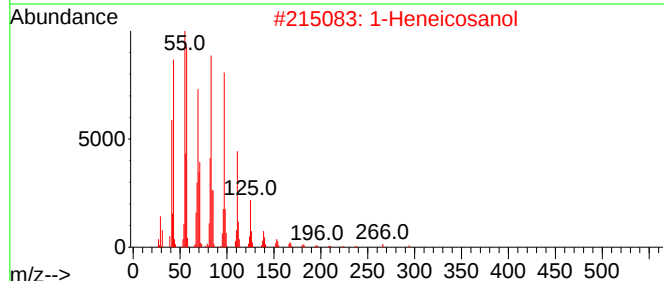
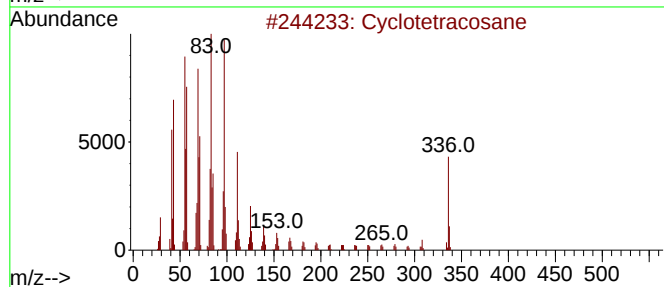
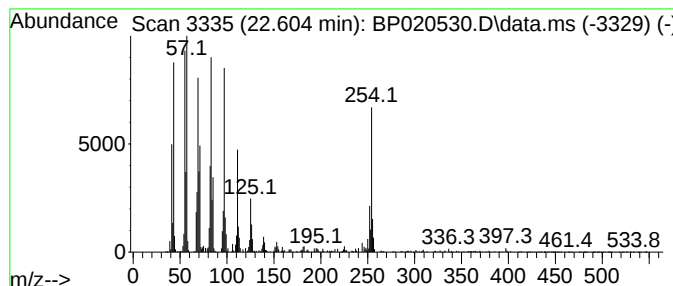
Instrument :
BNA_P
ClientSampleId :
WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Cyclotetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.604	3.26 ng	1192270	Chrysene-d12	21.651	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	97
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	Tetracosan-10-yl acetate	396	C26H52O2	1000466-24-3	91
5	1-Tetracosene	336	C24H48	010192-32-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020530.D
Acq On : 06 Jun 2024 00:12
Operator : MA/JU
Sample : P2683-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-4

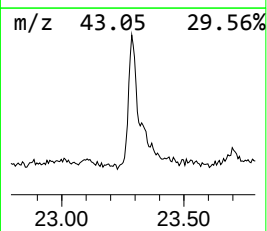
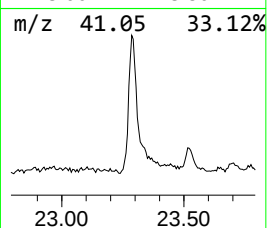
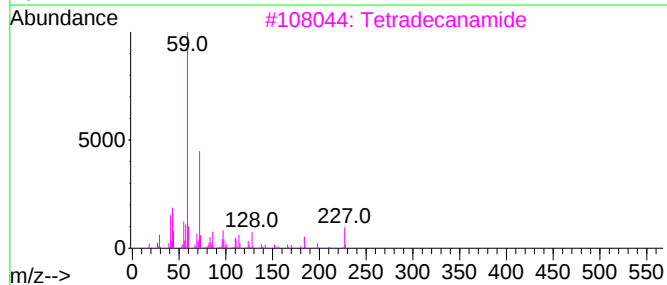
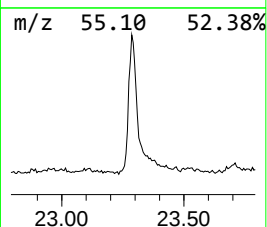
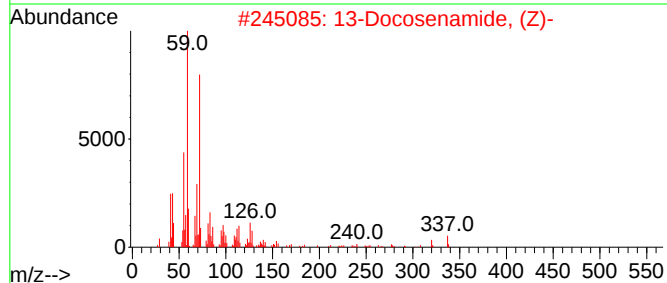
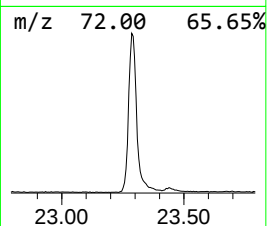
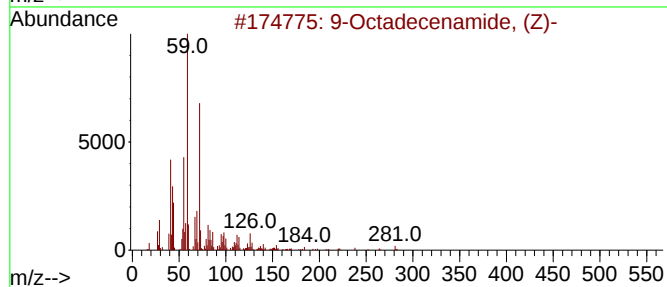
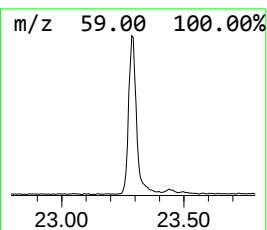
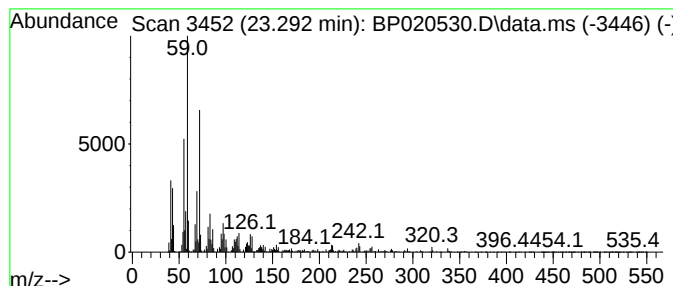
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 9-Octadecenamide, (Z)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.292	6.31 ng	2309440	Chrysene-d12	21.651

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2			13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	91
3			Tetradecanamide	227	C14H29NO	000638-58-4	86
4			Palmitoleamide	253	C16H31NO	106010-22-4	72
5			Hexadecanamide	255	C16H33NO	000629-54-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020530.D
Acq On : 06 Jun 2024 00:12
Operator : MA/JU
Sample : P2683-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-4

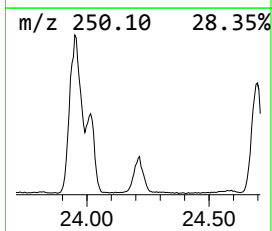
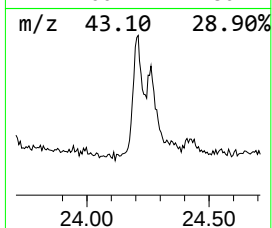
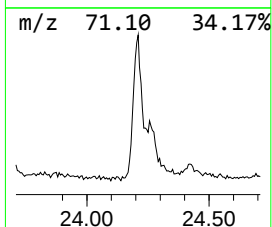
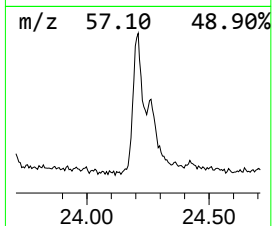
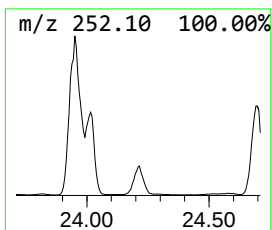
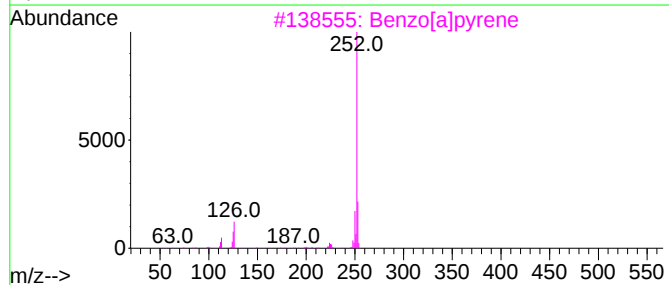
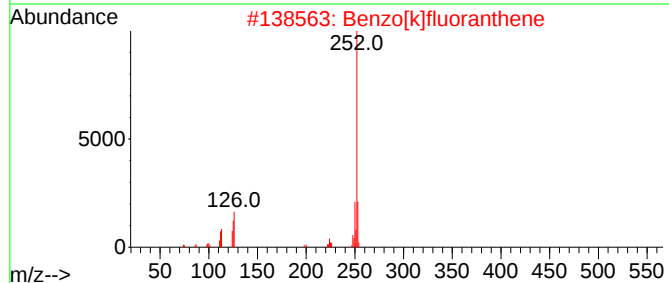
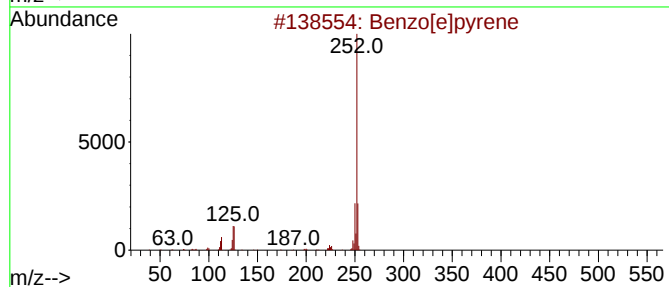
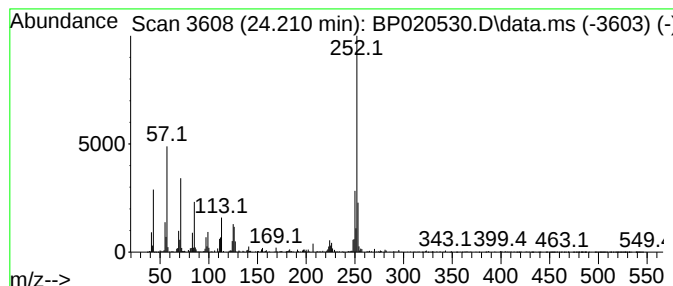
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.210	3.98 ng	771170	Perylene-d12	25.009

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	94
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3			Benzo[a]pyrene	252	C20H12	000050-32-8	87
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	86
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020530.D
Acq On : 06 Jun 2024 00:12
Operator : MA/JU
Sample : P2683-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-4

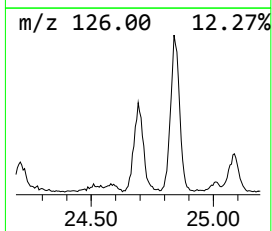
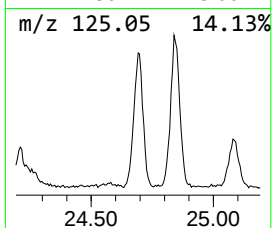
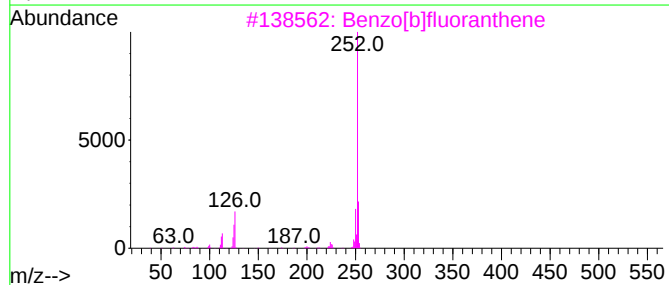
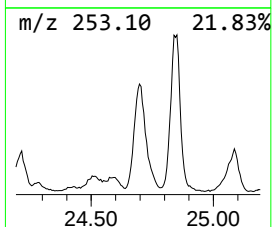
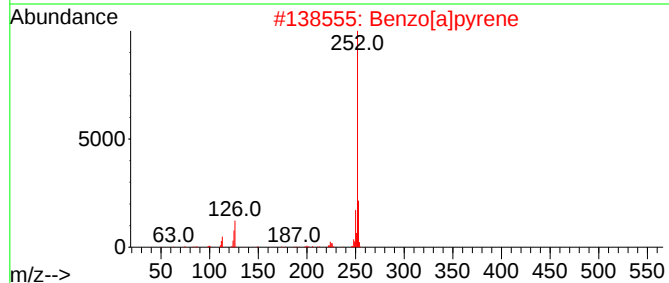
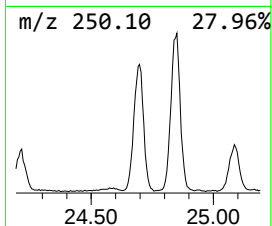
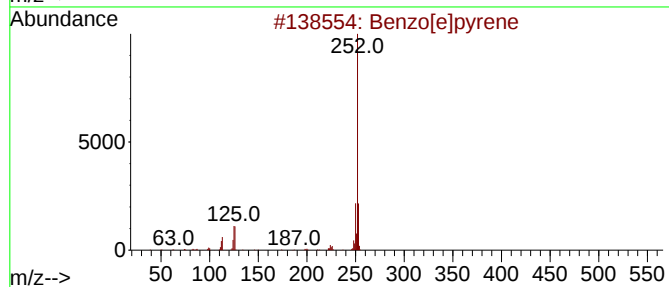
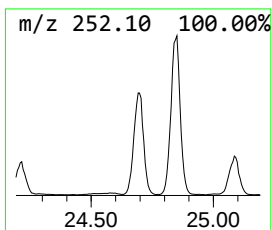
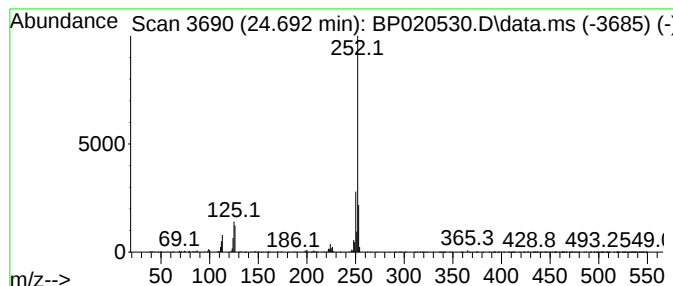
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.692	9.86 ng	1909110	Perylene-d12	25.009

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	97
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4			Perylene	252	C20H12	000198-55-0	93
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020530.D
Acq On : 06 Jun 2024 00:12
Operator : MA/JU
Sample : P2683-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.040	33.0	ng	2791790	1	7.769	1690860	20.0
(1R)-2,6,6-Trim...	6.475	10.2	ng	863756	1	7.769	1690860	20.0
Caryophyllene	13.704	9.5	ng	1420430	3	14.387	2997500	20.0
unknown14.463	14.463	4.5	ng	668640	3	14.387	2997500	20.0
Naphthalene, 2,...	16.751	5.9	ng	1135790	4	17.192	3829960	20.0
Naphthalene, 1,...	17.398	8.8	ng	1677770	4	17.192	3829960	20.0
Naphthalene, 1,...	18.075	11.3	ng	2160190	4	17.192	3829960	20.0
n-Hexadecanoic ...	18.145	13.1	ng	2498920	4	17.192	3829960	20.0
Naphthalene, 1,...	18.257	3.7	ng	713674	4	17.192	3829960	20.0
4H-Cyclopenta[d...]	18.298	4.0	ng	758157	4	17.192	3829960	20.0
Naphthalene, 1,...	18.457	5.7	ng	1089590	4	17.192	3829960	20.0
Tetrachlorotere...	18.722	4.2	ng	800578	4	17.192	3829960	20.0
Tetrachloroisop...	18.839	7.6	ng	1453350	4	17.192	3829960	20.0
unknown19.092	19.092	4.4	ng	837919	4	17.192	3829960	20.0
Cinnamyl cinnamate	21.127	20.0	ng	7326560	5	21.651	7325300	20.0
1-Hexacosene	21.339	5.0	ng	1832610	5	21.651	7325300	20.0
Cyclotetracosane	22.604	3.3	ng	1192270	5	21.651	7325300	20.0
9-Octadecenamid...	23.292	6.3	ng	2309440	5	21.651	7325300	20.0
Benzo[e]pyrene	24.210	4.0	ng	771170	6	25.009	3871520	20.0
Perylene	24.692	9.9	ng	1909110	6	25.009	3871520	20.0