

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP005726.D
 Data File : BP005726.D
 Acq On : 04 Jun 2021 23:24
 Operator : CG/JU
 Sample : M2589-20 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B12(4-6)

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-BP052721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005726.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.546	412	418	425	rBV	795634	1178887	11.47%	1.100%
2	6.664	602	608	615	rVB	223114	353320	3.44%	0.330%
3	7.152	682	691	698	rBV	765784	1321872	12.86%	1.234%
4	7.605	763	768	777	rBV2	131990	264525	2.57%	0.247%
5	7.881	810	815	823	rBV2	85351	162193	1.58%	0.151%
6	7.987	823	833	840	rBV	611130	1095350	10.65%	1.022%
7	8.528	920	925	931	rBV5	57756	124458	1.21%	0.116%
8	8.646	937	945	955	rVB4	53171	162097	1.58%	0.151%
9	9.093	1011	1021	1025	rBV3	64780	146696	1.43%	0.137%
10	9.146	1025	1030	1036	rVV	502941	864210	8.41%	0.807%
11	9.216	1037	1042	1052	rVB	226755	400186	3.89%	0.374%
12	10.199	1203	1209	1216	rBV7	62014	152491	1.48%	0.142%
13	10.793	1300	1310	1314	rBV	809933	1626090	15.82%	1.518%
14	10.846	1314	1319	1326	rVB	623552	1043626	10.15%	0.974%
15	10.957	1333	1338	1344	rVB2	67722	109628	1.07%	0.102%
16	11.816	1479	1484	1488	rBV	86659	138972	1.35%	0.130%
17	11.987	1503	1513	1520	rBV4	47895	106000	1.03%	0.099%
18	12.210	1543	1551	1559	rBV	256613	412181	4.01%	0.385%
19	12.446	1585	1591	1599	rVB	348851	567256	5.52%	0.529%
20	12.663	1621	1628	1632	rBV	230255	396151	3.85%	0.370%
21	13.157	1707	1712	1717	rVB3	126267	202663	1.97%	0.189%
22	13.240	1719	1726	1736	rVB	1310460	1954026	19.01%	1.824%
23	13.440	1750	1760	1767	rBV2	449286	715559	6.96%	0.668%
24	13.557	1773	1780	1785	rVB5	47543	116563	1.13%	0.109%
25	13.775	1812	1817	1820	rBV2	131308	236018	2.30%	0.220%
26	13.934	1839	1844	1849	rBV	212138	391146	3.80%	0.365%
27	13.987	1849	1853	1858	rVB	151125	244135	2.37%	0.228%
28	14.093	1864	1871	1875	rVB2	172086	267993	2.61%	0.250%
29	14.334	1904	1912	1918	rBV	181844	331478	3.22%	0.309%
30	14.446	1926	1931	1936	rVB7	69135	131745	1.28%	0.123%
31	14.504	1936	1941	1949	rBV	516319	697462	6.78%	0.651%
32	14.610	1949	1959	1965	rVV	1210722	2007889	19.53%	1.874%
33	14.675	1965	1970	1977	rVB	963009	1442125	14.03%	1.346%
34	14.816	1990	1994	2003	rVB2	70929	171528	1.67%	0.160%
35	15.004	2021	2026	2032	rVB	595685	897787	8.73%	0.838%
36	15.087	2036	2040	2043	rVV	104212	155077	1.51%	0.145%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

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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

37	15.122	2043	2046	2054	rVB5	95911	167367	1.63%	0.156%
38	15.228	2060	2064	2068	rBV	90849	147836	1.44%	0.138%
39	15.275	2070	2072	2078	rVB	78404	103239	1.00%	0.096%
40	15.451	2098	2102	2107	rVB	493838	616528	6.00%	0.575%
41	15.657	2131	2137	2142	rBV	943813	1451571	14.12%	1.355%
42	15.751	2149	2153	2155	rBV3	70314	110961	1.08%	0.104%
43	15.781	2155	2158	2161	rVV2	93046	110442	1.07%	0.103%
44	15.816	2161	2164	2167	rVV2	126314	172032	1.67%	0.161%
45	15.857	2168	2171	2175	rVB2	192987	268045	2.61%	0.250%
46	15.945	2182	2186	2193	rVB2	210198	356703	3.47%	0.333%
47	16.092	2204	2211	2219	rVB	1154444	1862577	18.12%	1.739%
48	16.316	2244	2249	2251	rBV	547076	815399	7.93%	0.761%
49	16.657	2304	2307	2311	rVB2	176379	226008	2.20%	0.211%
50	16.710	2313	2316	2321	rVB2	129512	183596	1.79%	0.171%
51	17.104	2379	2383	2388	rVV	498647	659816	6.42%	0.616%
52	17.169	2389	2394	2403	rVB2	499497	927859	9.03%	0.866%
53	17.357	2421	2426	2429	rBV	1343385	2026961	19.72%	1.892%
54	17.404	2429	2434	2440	rVV	5716396	8442564	82.12%	7.881%
55	17.487	2444	2448	2453	rVB	1548229	2178365	21.19%	2.033%
56	17.545	2454	2458	2462	rBV	167107	289396	2.82%	0.270%
57	17.757	2489	2494	2500	rBV	804961	1093287	10.63%	1.021%
58	17.845	2505	2509	2516	rBV2	450007	609689	5.93%	0.569%
59	18.216	2568	2572	2576	rBV	569551	822534	8.00%	0.768%
60	18.263	2576	2580	2586	rVB	798828	1118347	10.88%	1.044%
61	18.339	2590	2593	2599	rBV	250253	360665	3.51%	0.337%
62	18.410	2599	2605	2608	rBV3	1037401	1731999	16.85%	1.617%
63	18.516	2620	2623	2626	rVB2	351984	388211	3.78%	0.362%
64	18.698	2650	2654	2658	rVB2	467257	580011	5.64%	0.541%
65	18.875	2681	2684	2688	rBV	625605	763651	7.43%	0.713%
66	19.375	2763	2769	2773	rBV	7068711	10280409	100.00%	9.596%
67	19.410	2773	2775	2779	rVB	1514764	1480738	14.40%	1.382%
68	19.681	2817	2821	2823	rBV2	1517946	2274976	22.13%	2.124%
69	19.716	2823	2827	2833	rVB	6371905	8684246	84.47%	8.106%
70	19.898	2853	2858	2862	rVB2	2347444	3083642	30.00%	2.878%
71	20.186	2904	2907	2912	rVB	1517126	1885271	18.34%	1.760%
72	20.280	2920	2923	2927	rBV	896051	1117136	10.87%	1.043%
73	20.669	2987	2989	2993	rVB	497038	470094	4.57%	0.439%
74	21.075	3056	3058	3061	rBV	435109	494327	4.81%	0.461%
75	21.122	3062	3066	3069	rVV2	1140003	1452847	14.13%	1.356%
76	21.322	3096	3100	3106	rVB	2199143	2566199	24.96%	2.395%

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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

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.416	3111	3116	3121	rVV3	4382658	8482068	82.51%	7.917%
78	21.463	3121	3124	3134	rVB	3178292	4464732	43.43%	4.167%
79	23.127	3403	3407	3413	rBV	1612243	3345166	32.54%	3.122%
80	23.663	3494	3498	3506	rVB	1545719	2863884	27.86%	2.673%
81	23.769	3511	3516	3523	rVB	2493189	5011445	48.75%	4.678%

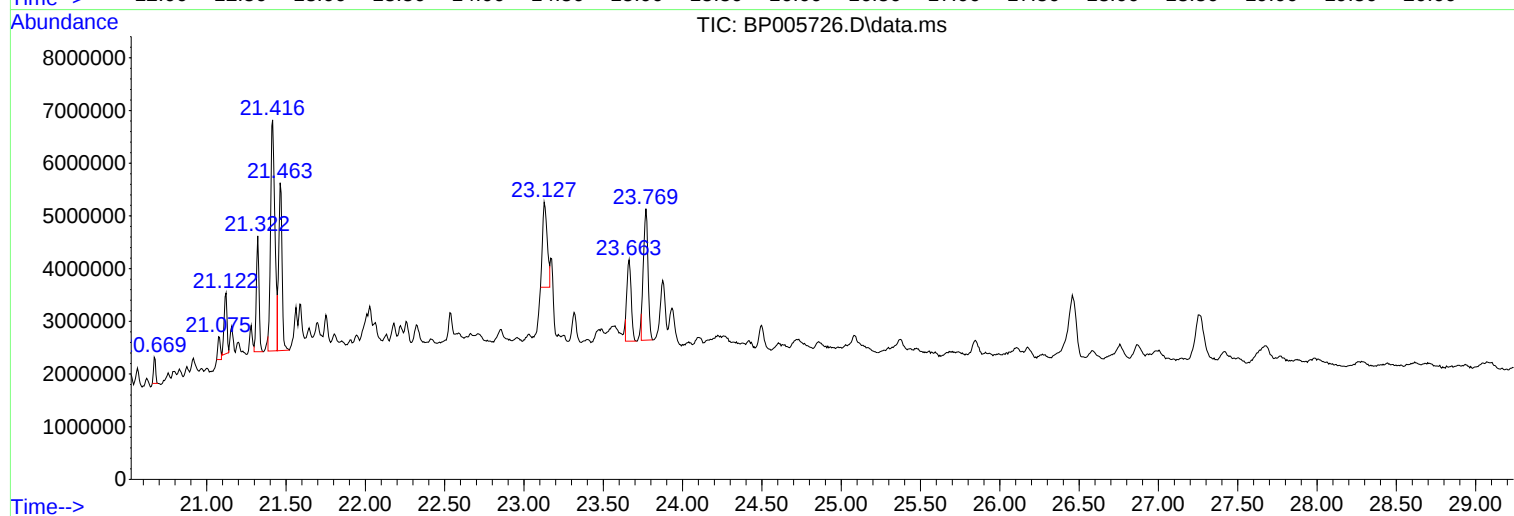
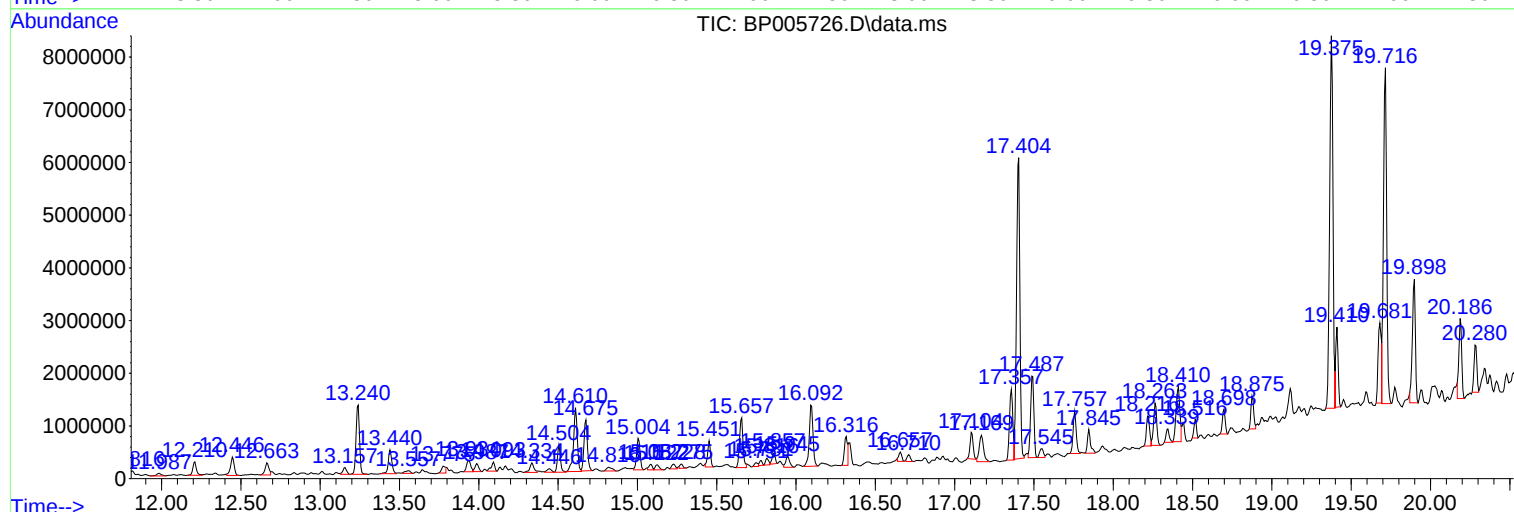
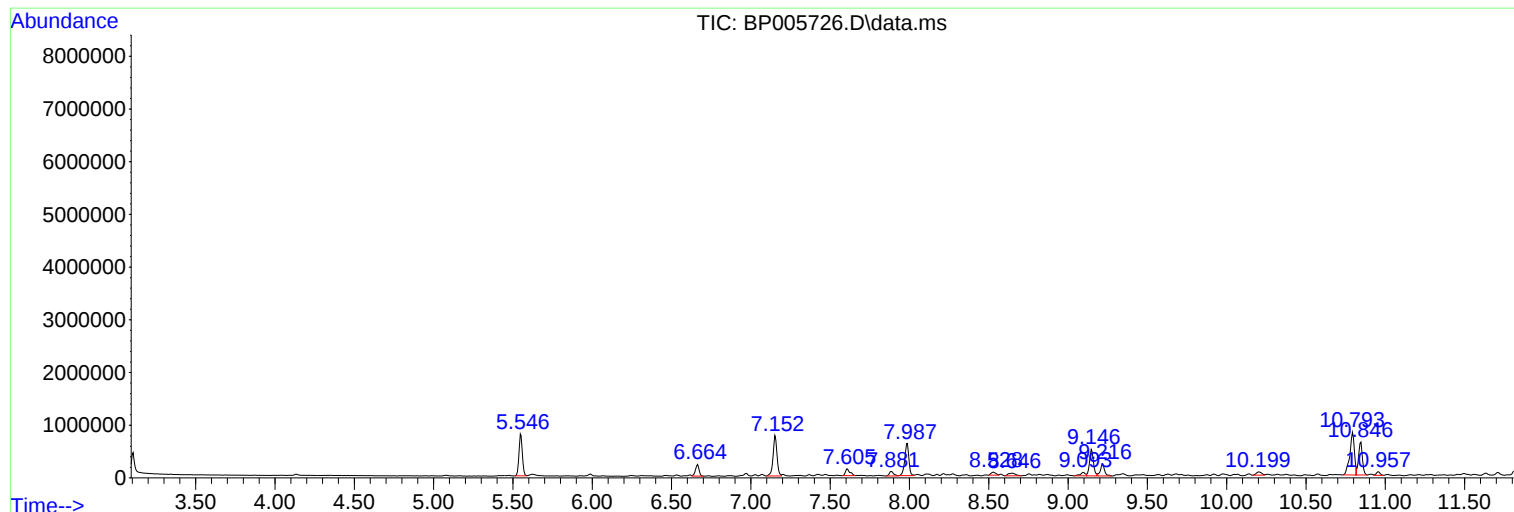
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Instrument :
BNA_P
ClientSampled :
18-B12(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
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Instrument :
BNA_P
ClientSampleId :
18-B12(4-6)

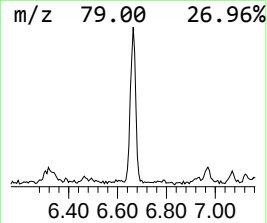
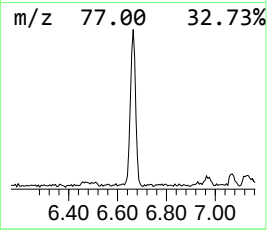
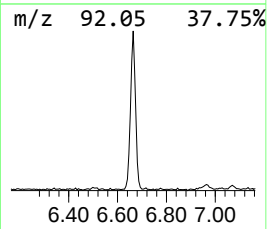
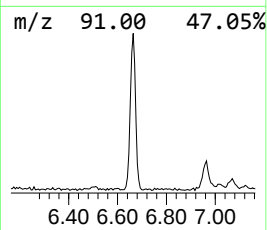
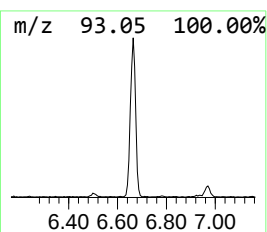
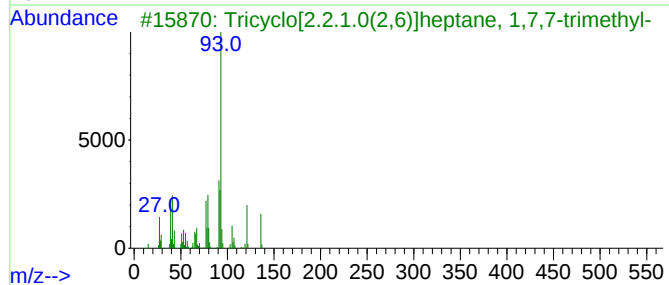
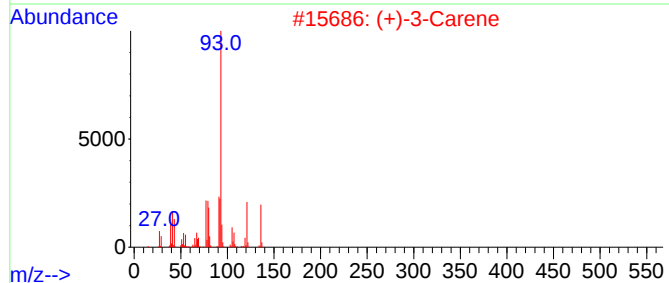
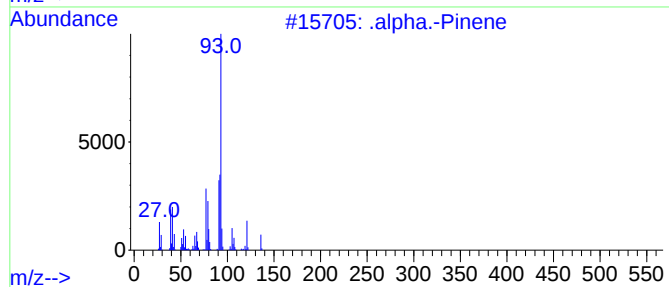
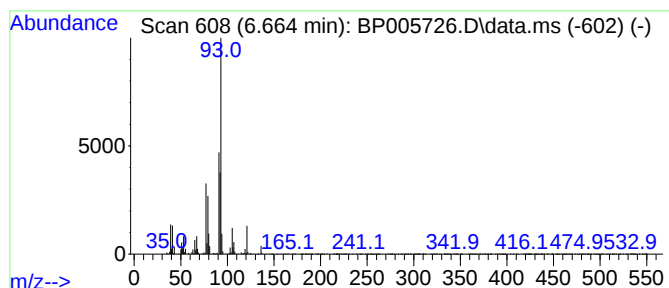
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 .alpha.-Pinene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.664	6.45 ng	353320	1,4-Dichlorobenzene-d4	7.987

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Pinene	136	C10H16	000080-56-8	94
2			(+)-3-Carene	136	C10H16	000498-15-7	91
3			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4			trans-.beta.-Ocimene	136	C10H16	003779-61-1	91
5			Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91



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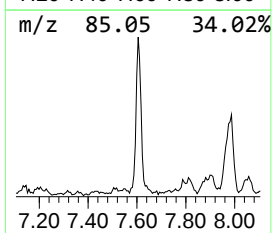
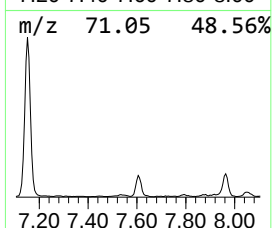
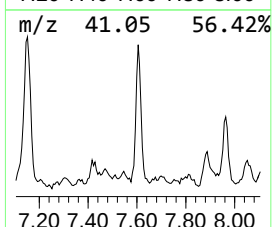
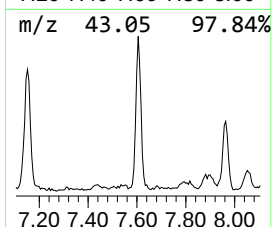
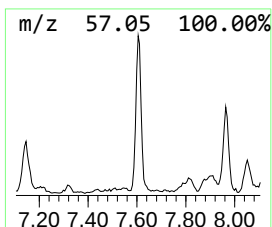
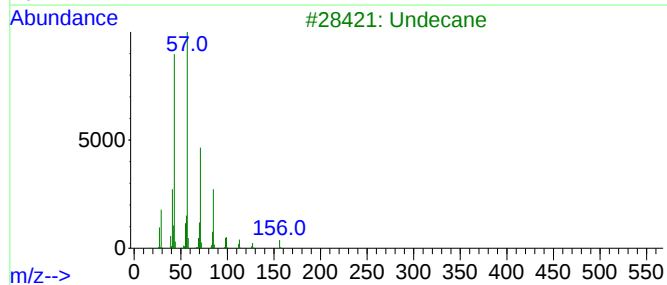
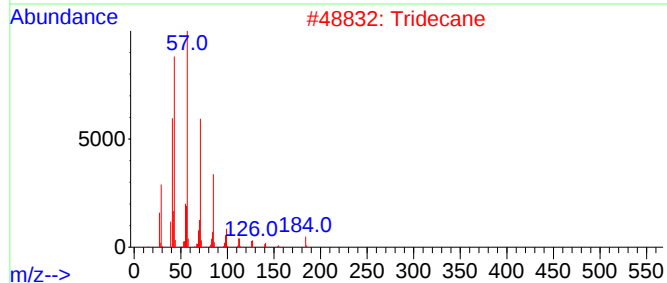
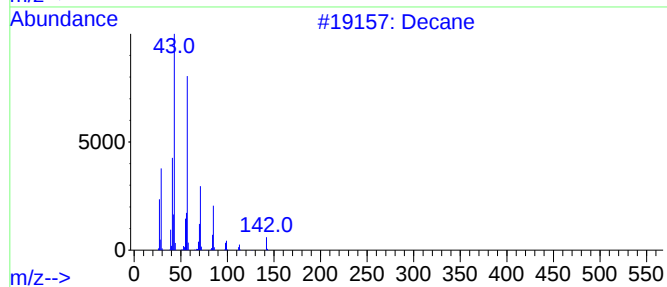
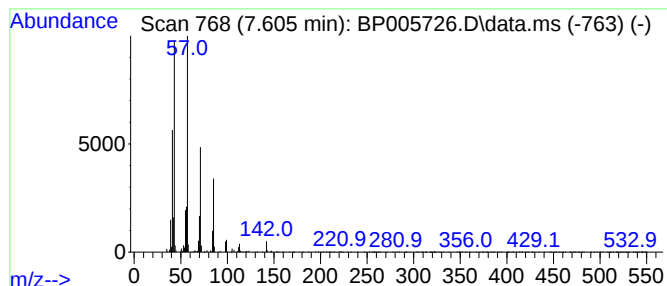
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.605	4.83 ng	264525	1,4-Dichlorobenzene-d4	7.987

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane	142	C10H22	000124-18-5	95
2		Tridecane	184	C13H28	000629-50-5	83
3		Undecane	156	C11H24	001120-21-4	83
4		Tetradecane	198	C14H30	000629-59-4	72
5		Hexadecane	226	C16H34	000544-76-3	64



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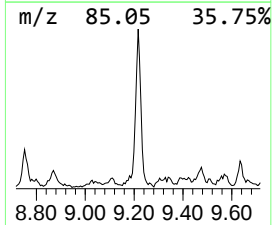
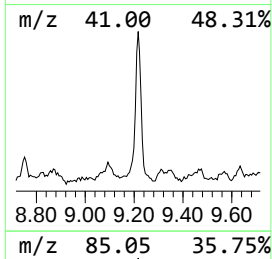
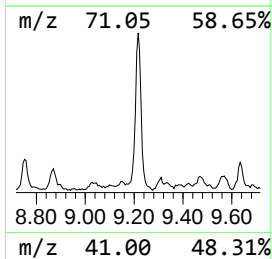
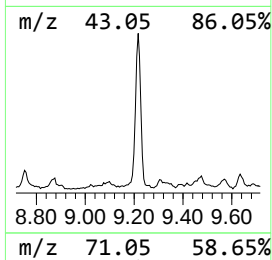
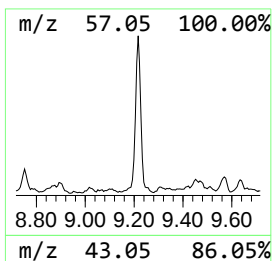
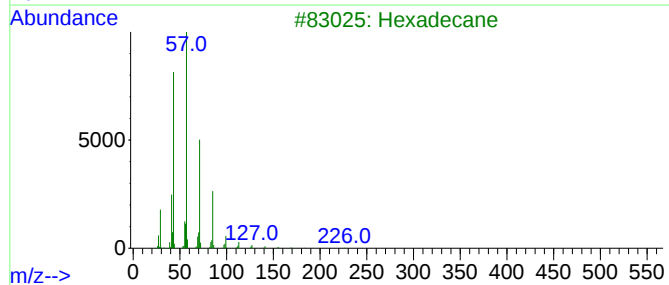
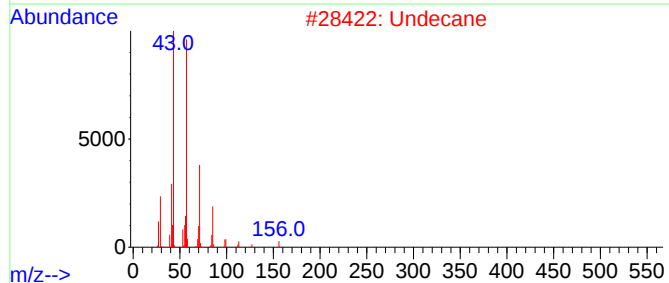
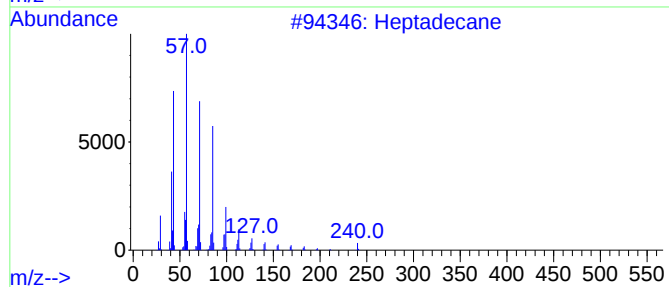
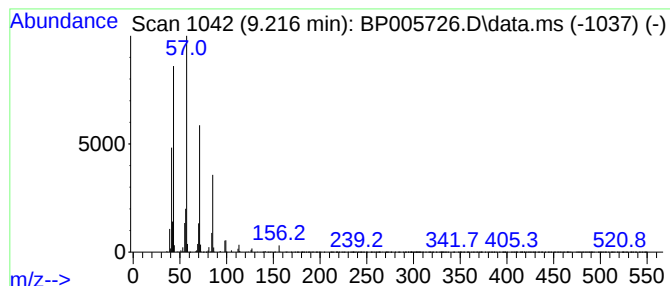
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	7.31 ng	400186	1,4-Dichlorobenzene-d4	7.987

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Undecane	156	C11H24	001120-21-4	91
3			Hexadecane	226	C16H34	000544-76-3	80
4			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	80
5			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64



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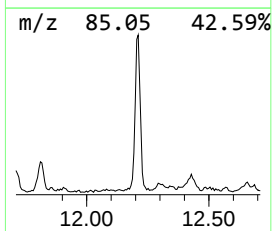
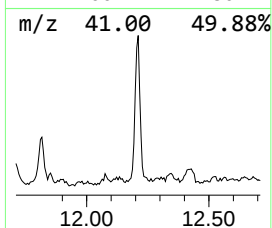
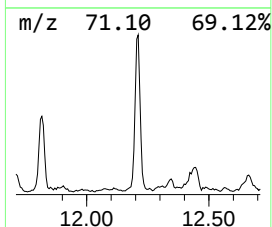
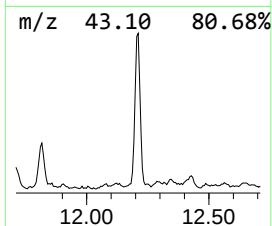
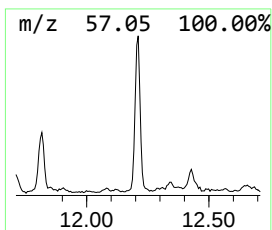
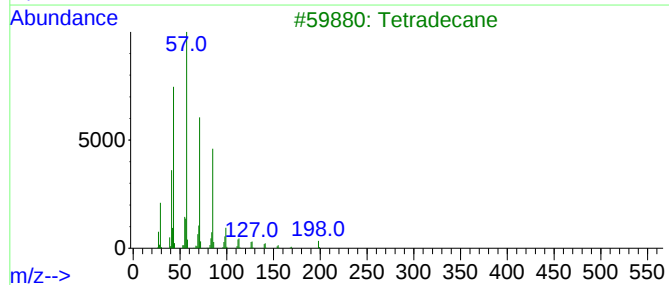
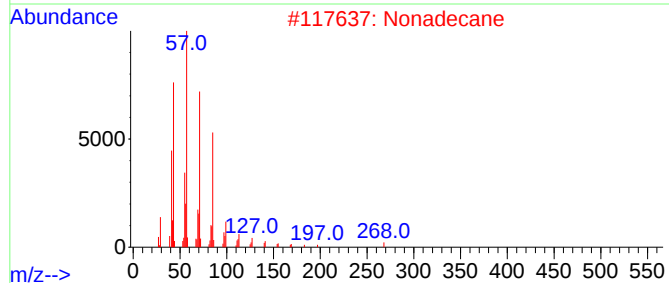
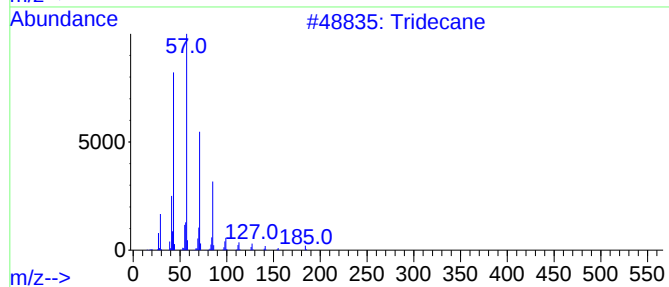
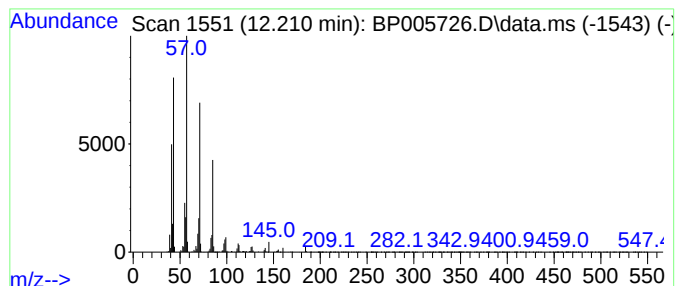
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.210	5.07 ng	412181	Naphthalene-d8	10.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Nonadecane	268	C19H40	000629-92-5	87
3			Tetradecane	198	C14H30	000629-59-4	86
4			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	80
5			Heptadecane	240	C17H36	000629-78-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005726.D
Acq On : 04 Jun 2021 23:24
Operator : CG/JU
Sample : M2589-20 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B12(4-6)

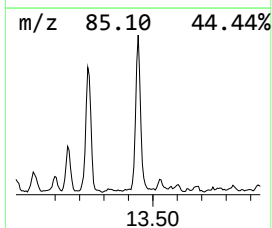
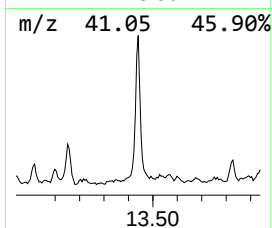
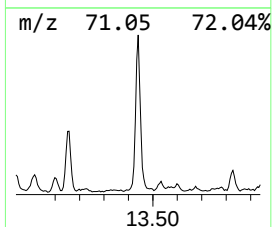
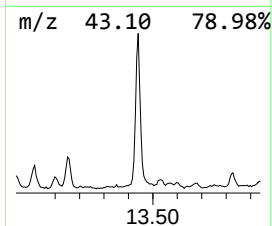
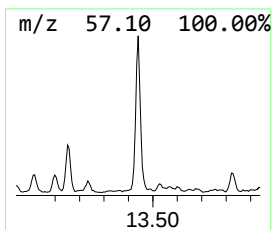
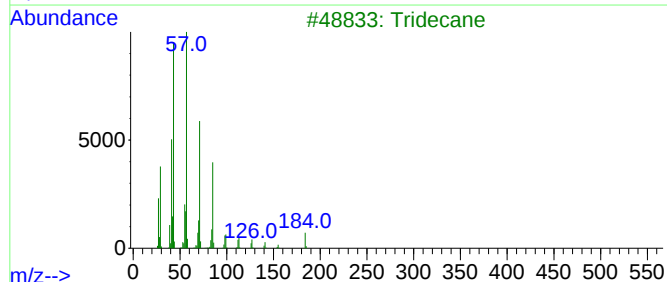
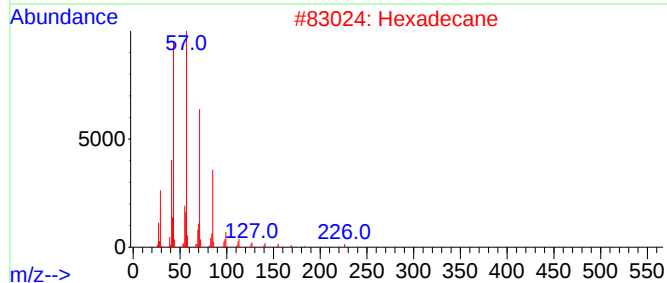
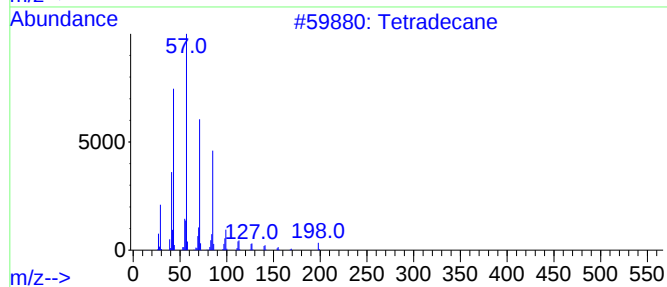
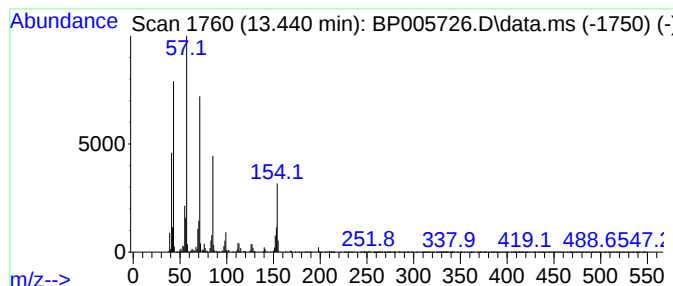
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	7.13 ng	715559	Acenaphthene-d10	14.610

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Hexadecane	226	C16H34	000544-76-3	89
3			Tridecane	184	C13H28	000629-50-5	64
4			Pentadecane	212	C15H32	000629-62-9	64
5			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005726.D
Acq On : 04 Jun 2021 23:24
Operator : CG/JU
Sample : M2589-20 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

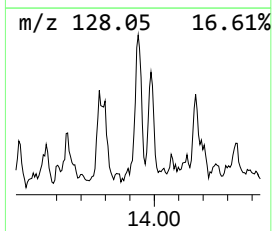
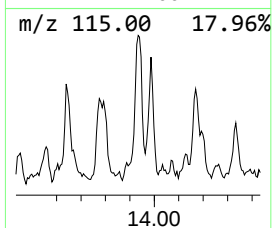
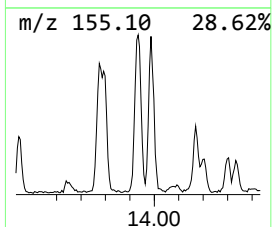
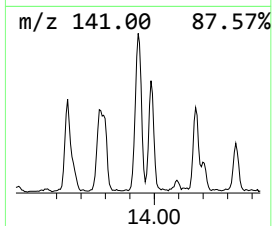
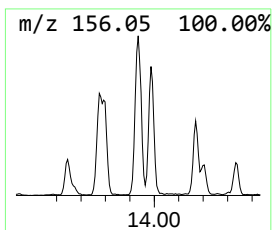
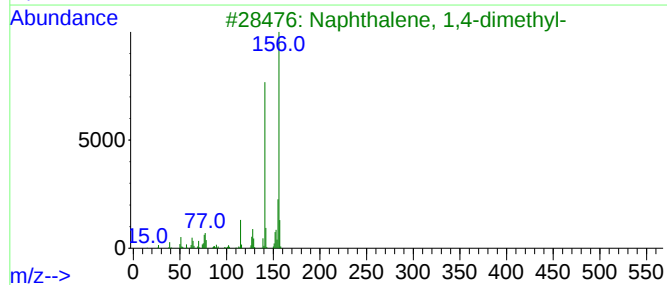
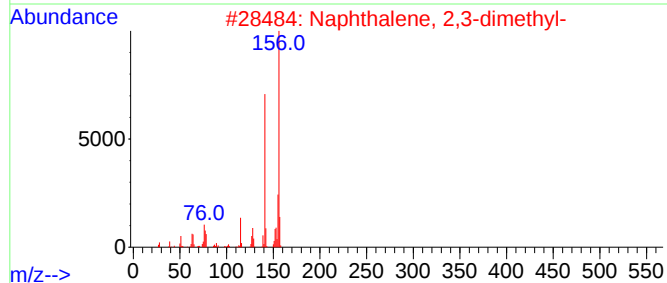
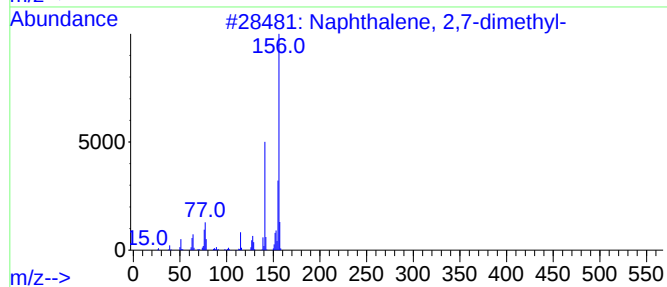
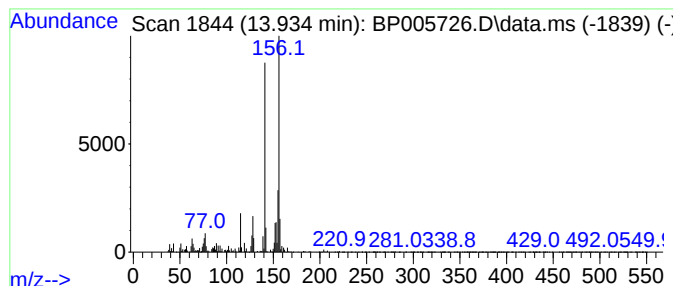
Instrument :
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ClientSampleId :
18-B12(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.934	3.90 ng	391146	Acenaphthene-d10	14.610	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005726.D
Acq On : 04 Jun 2021 23:24
Operator : CG/JU
Sample : M2589-20 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B12(4-6)

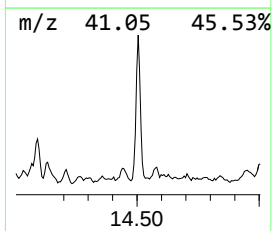
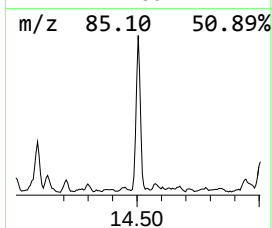
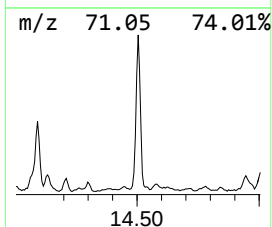
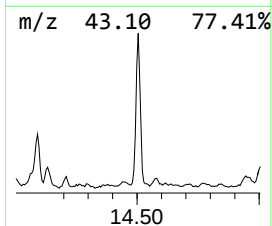
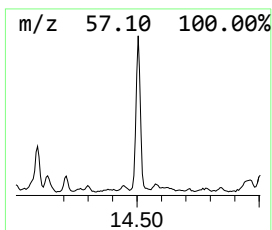
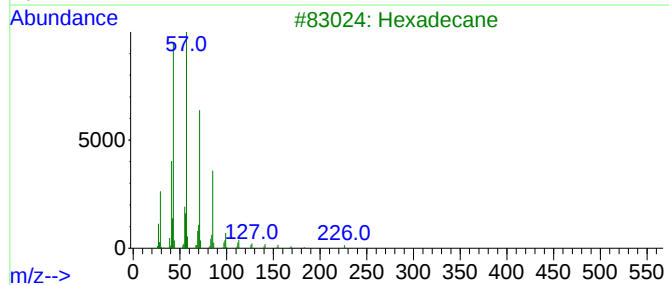
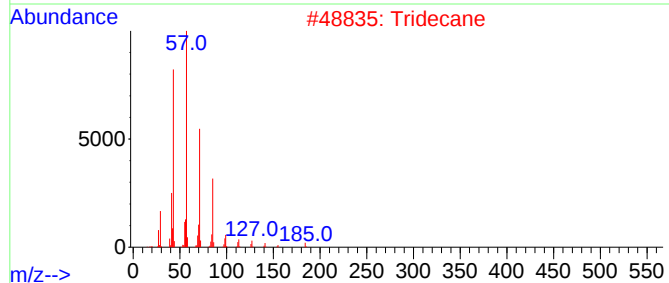
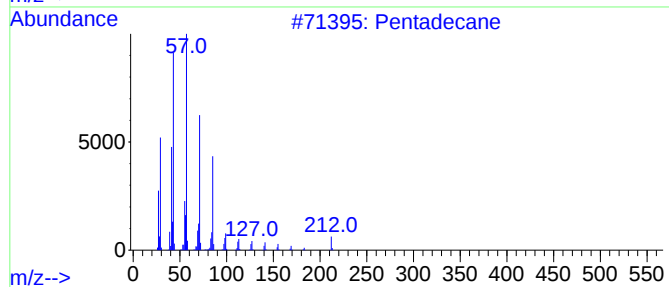
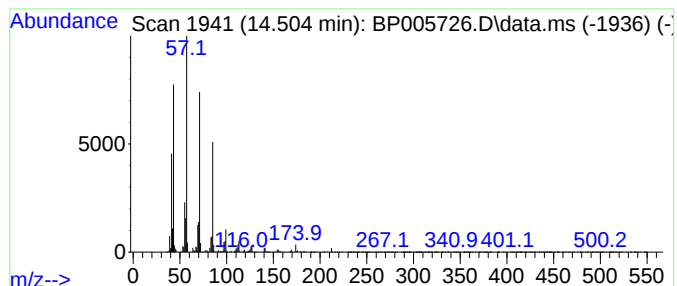
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.504	6.95 ng	697462	Acenaphthene-d10	14.610

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	86
2			Tridecane	184	C13H28	000629-50-5	72
3			Hexadecane	226	C16H34	000544-76-3	64
4			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
5			Nonadecane	268	C19H40	000629-92-5	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005726.D
Acq On : 04 Jun 2021 23:24
Operator : CG/JU
Sample : M2589-20 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B12(4-6)

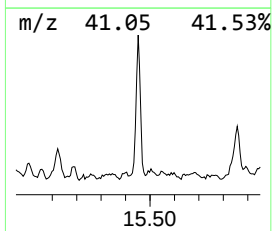
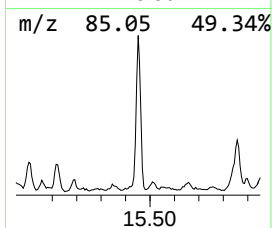
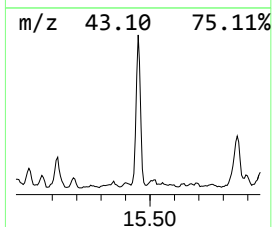
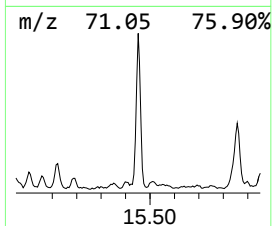
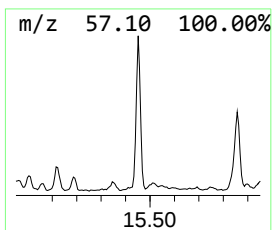
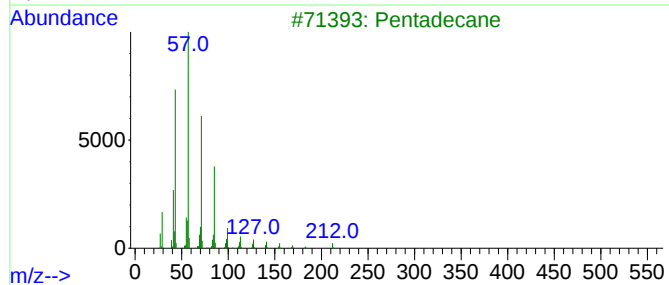
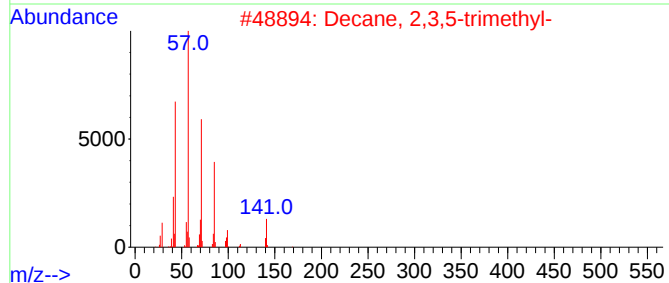
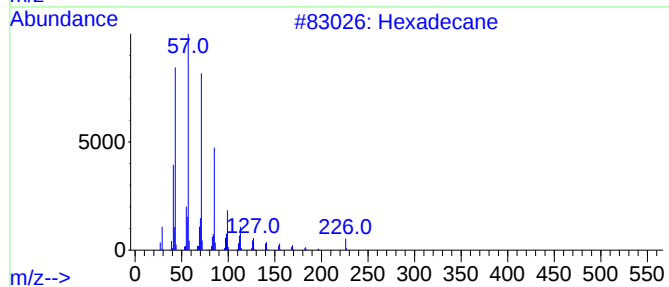
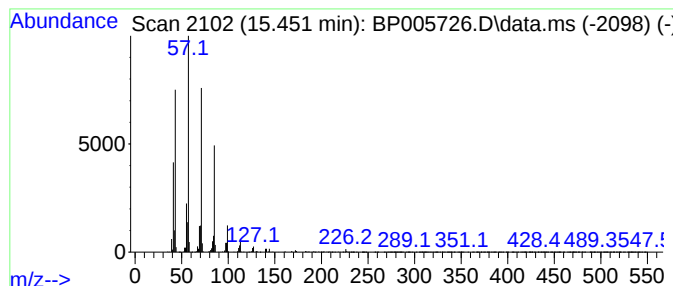
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.451	6.14 ng	616528	Acenaphthene-d10	14.610

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	94
2			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3			Pentadecane	212	C15H32	000629-62-9	90
4			Eicosane	282	C20H42	000112-95-8	86
5			Decane, 5-propyl-	184	C13H28	017312-62-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005726.D
Acq On : 04 Jun 2021 23:24
Operator : CG/JU
Sample : M2589-20 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B12(4-6)

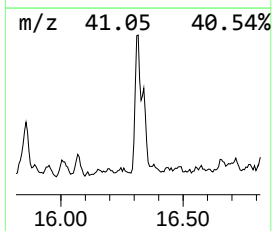
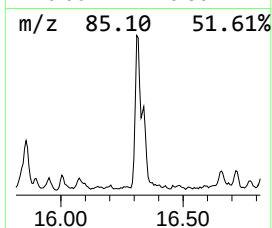
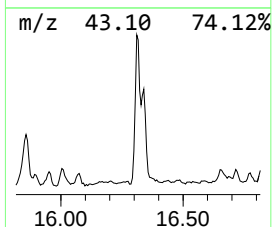
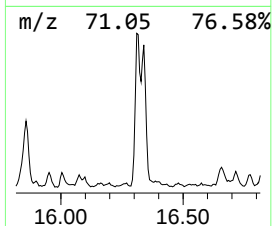
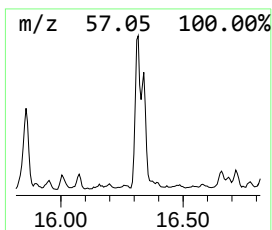
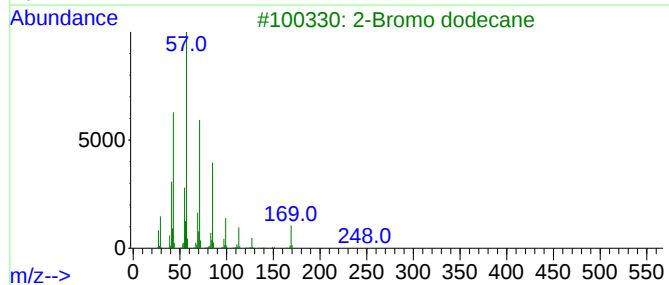
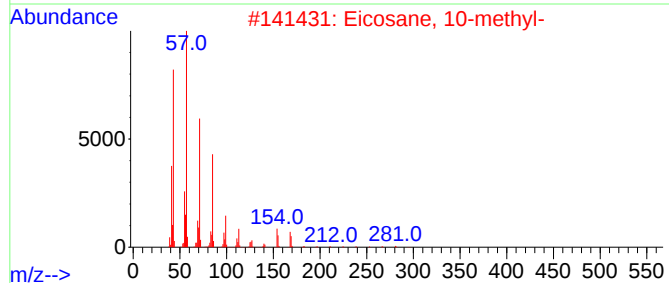
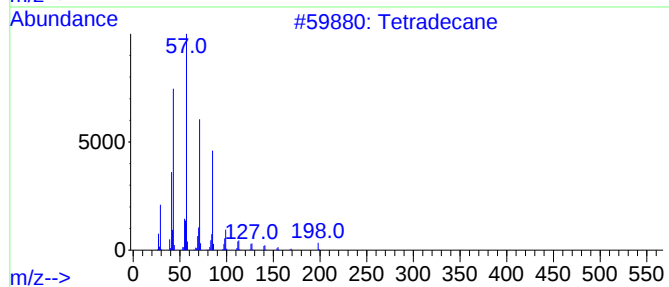
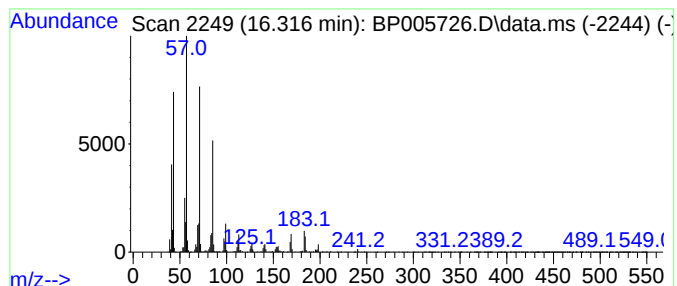
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Eicosane, 10-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.316	8.05 ng	815399	Phenanthrene-d10	17.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	97
2			Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3			2-Bromo dodecane	248	C12H25Br	013187-99-0	91
4			Tridecane	184	C13H28	000629-50-5	87
5			Dodecane	170	C12H26	000112-40-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005726.D
Acq On : 04 Jun 2021 23:24
Operator : CG/JU
Sample : M2589-20 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B12(4-6)

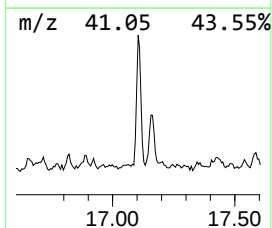
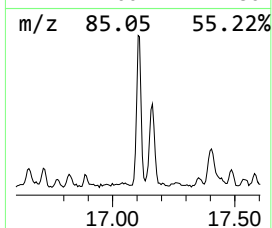
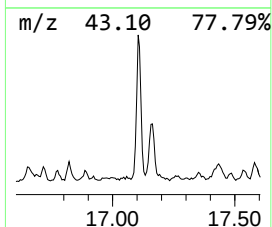
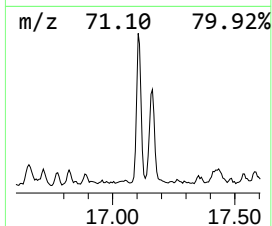
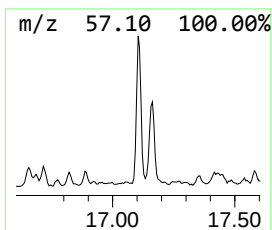
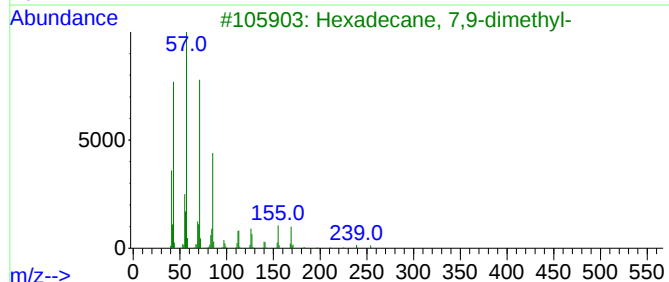
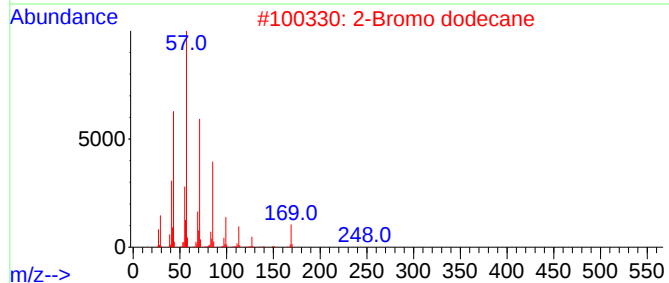
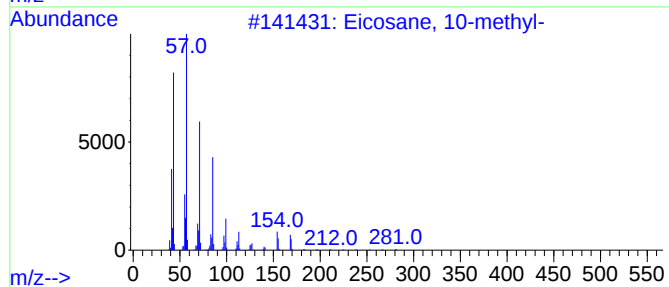
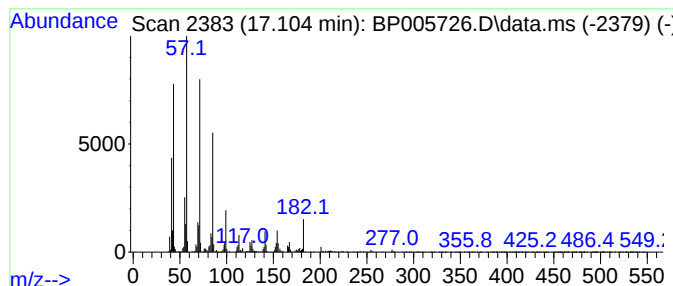
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 2-Bromo dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	6.51 ng	659816	Phenanthrene-d10	17.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91		
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90		
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	78		
4	Pentadecane	212	C15H32	000629-62-9	64		
5	Hexadecane	226	C16H34	000544-76-3	64		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005726.D
Acq On : 04 Jun 2021 23:24
Operator : CG/JU
Sample : M2589-20 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B12(4-6)

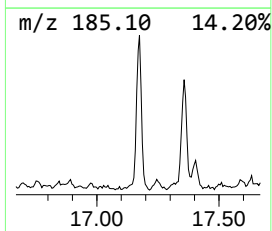
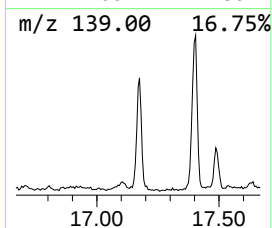
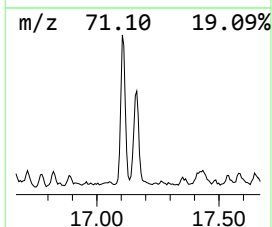
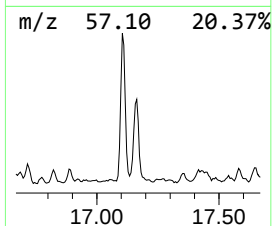
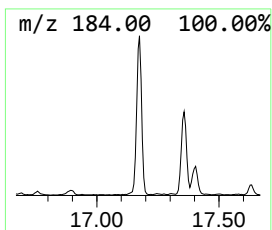
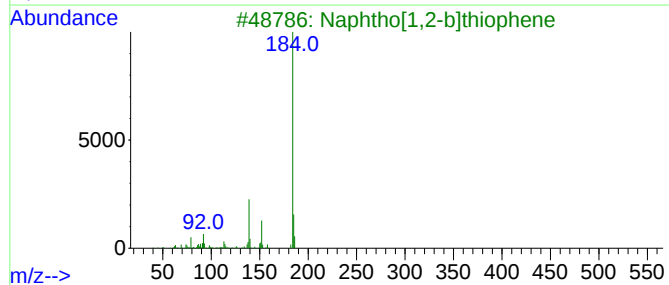
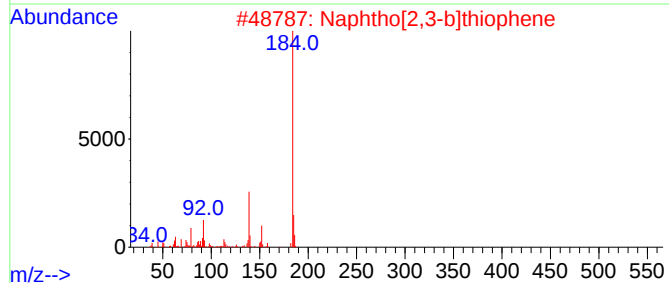
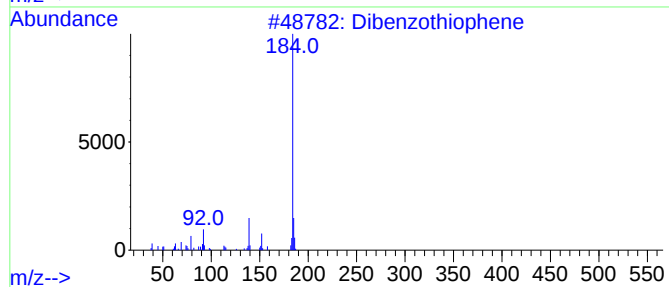
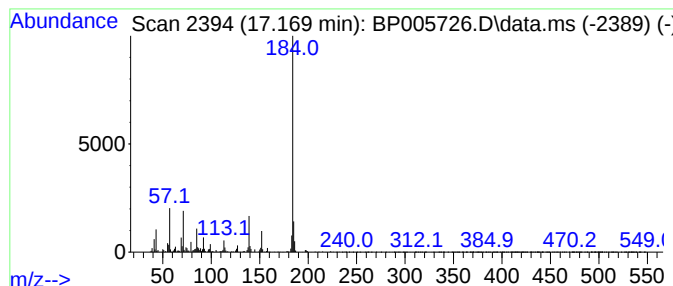
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.169	9.16 ng	927859	Phenanthrene-d10	17.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	95
2			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	81
5			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005726.D
Acq On : 04 Jun 2021 23:24
Operator : CG/JU
Sample : M2589-20 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B12(4-6)

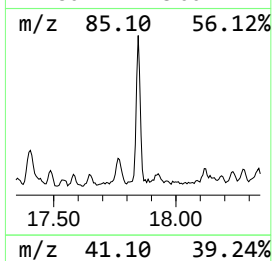
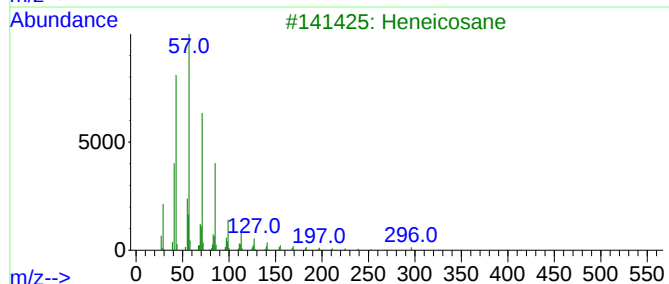
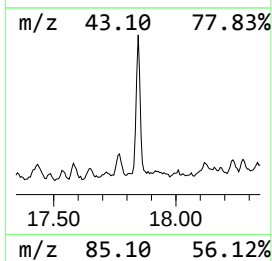
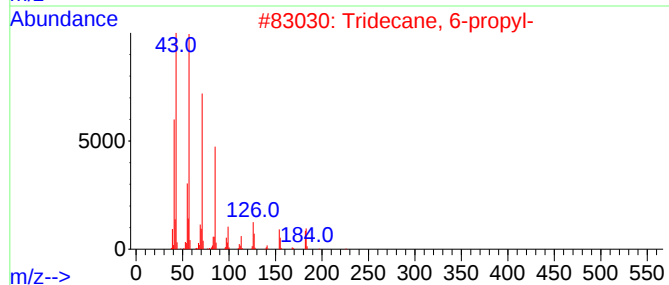
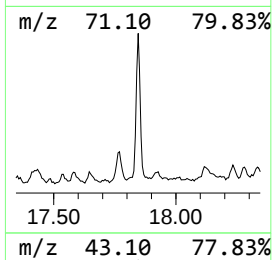
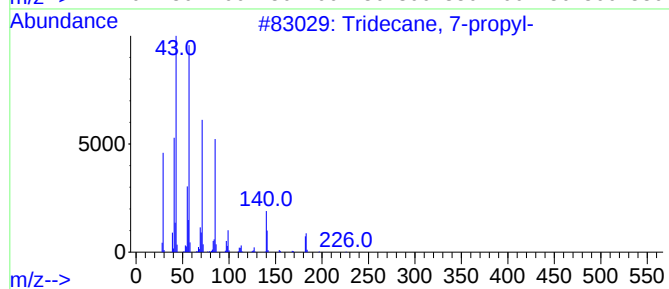
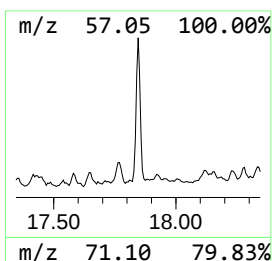
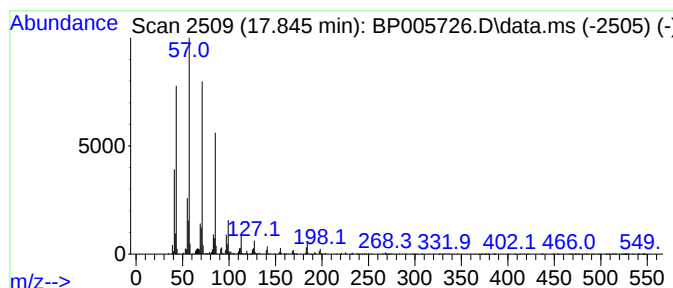
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Tridecane, 7-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.845	6.02 ng	609689	Phenanthrene-d10	17.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
2			Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Hexacosane	366	C26H54	000630-01-3	91
5			Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005726.D
Acq On : 04 Jun 2021 23:24
Operator : CG/JU
Sample : M2589-20 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B12(4-6)

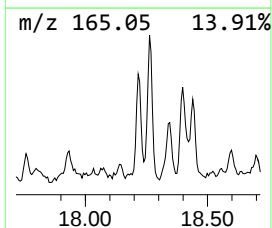
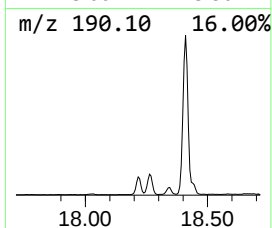
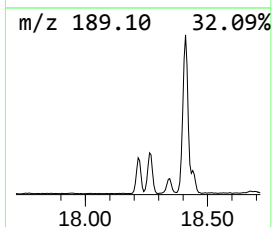
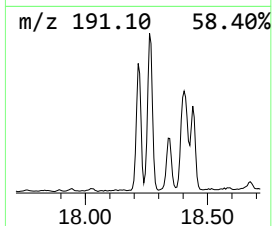
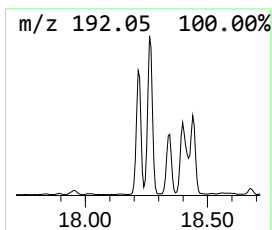
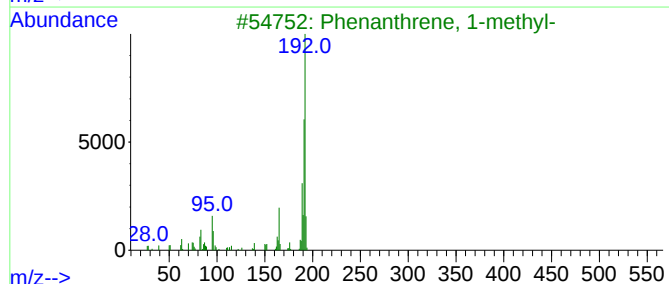
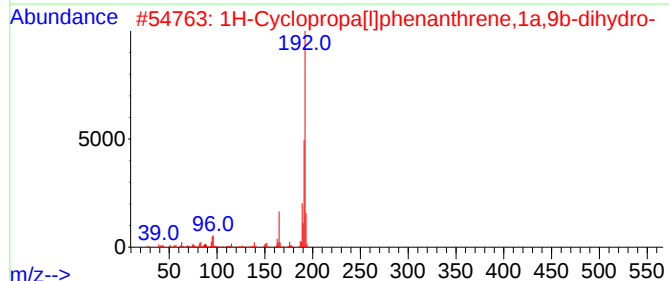
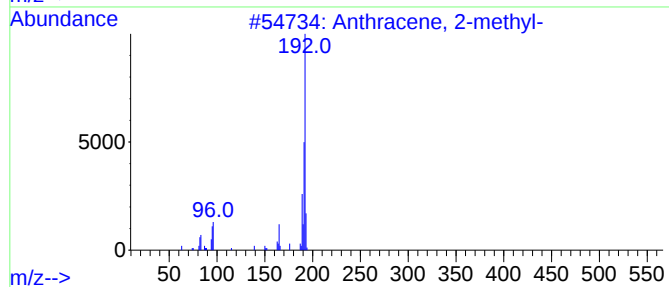
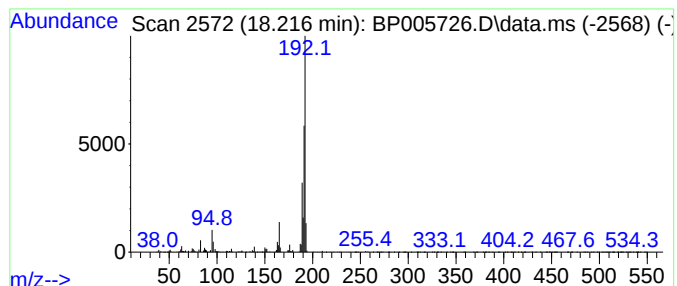
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	8.12 ng	822534	Phenanthrene-d10	17.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005726.D
Acq On : 04 Jun 2021 23:24
Operator : CG/JU
Sample : M2589-20 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B12(4-6)

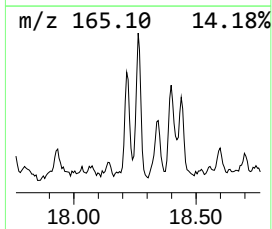
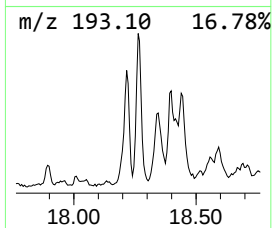
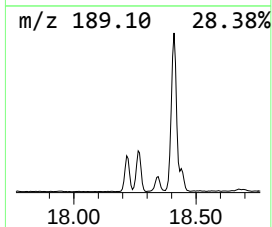
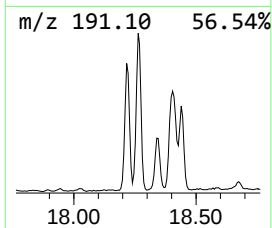
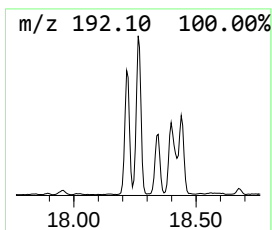
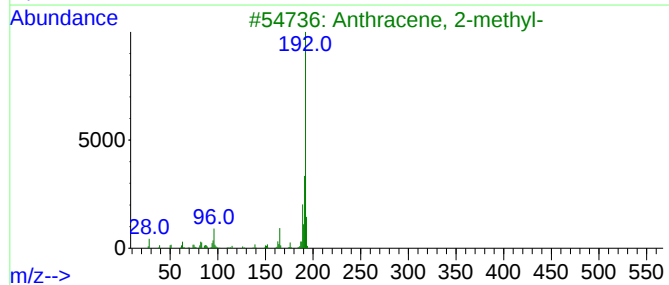
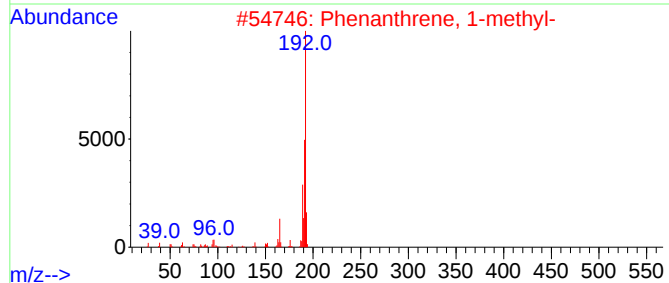
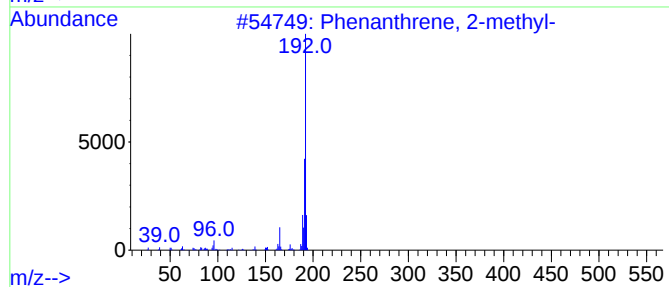
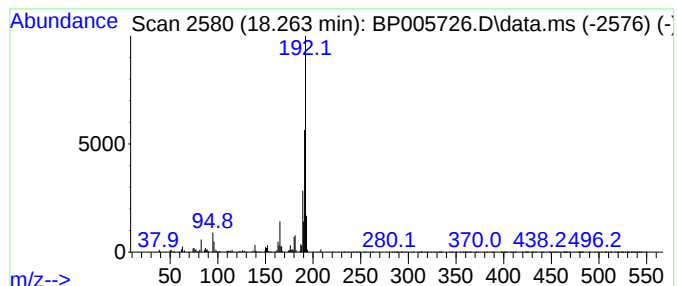
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	11.03 ng	1118350	Phenanthrene-d10	17.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005726.D
Acq On : 04 Jun 2021 23:24
Operator : CG/JU
Sample : M2589-20 2X
Misc :
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ClientSampleId :
18-B12(4-6)

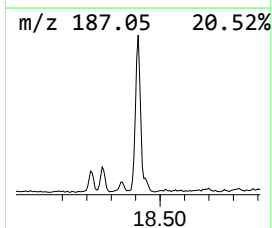
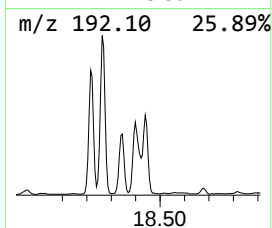
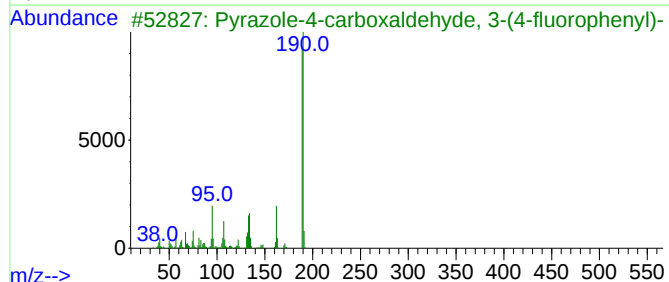
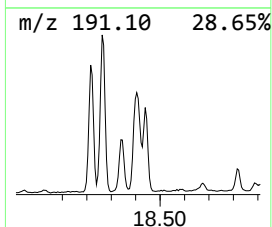
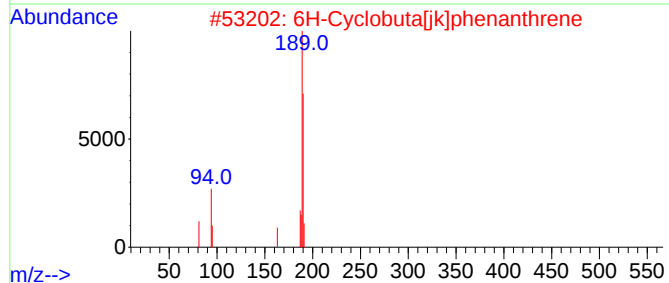
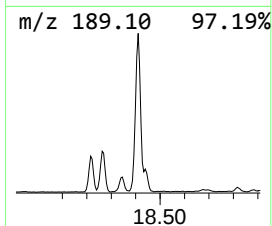
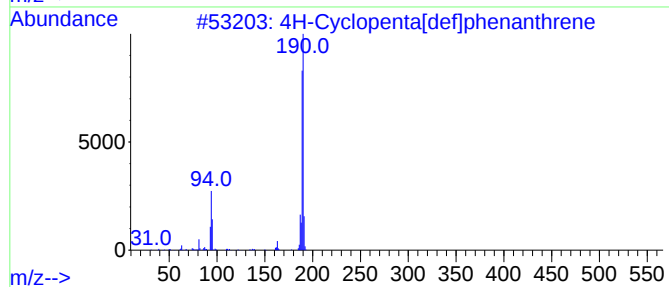
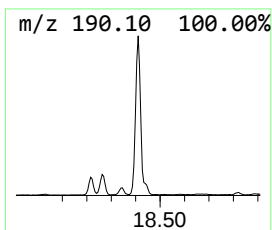
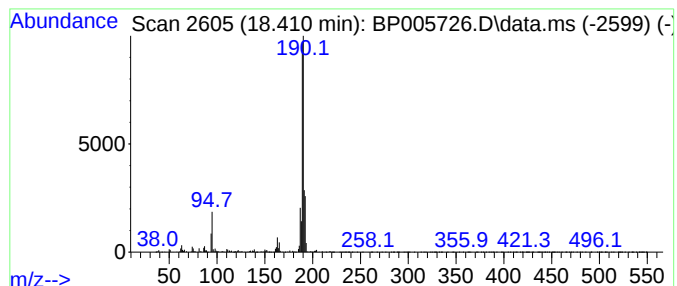
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.410	17.09 ng	1732000	Phenanthrene-d10	17.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3			Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5			1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005726.D
Acq On : 04 Jun 2021 23:24
Operator : CG/JU
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Instrument :
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ClientSampleId :
18-B12(4-6)

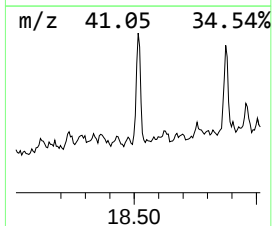
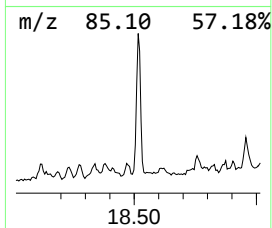
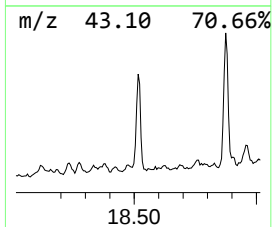
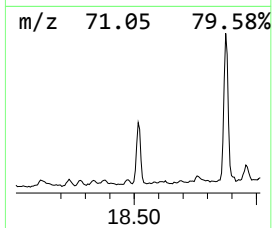
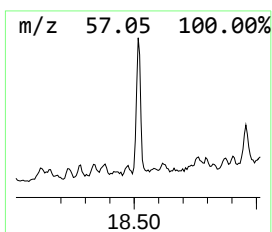
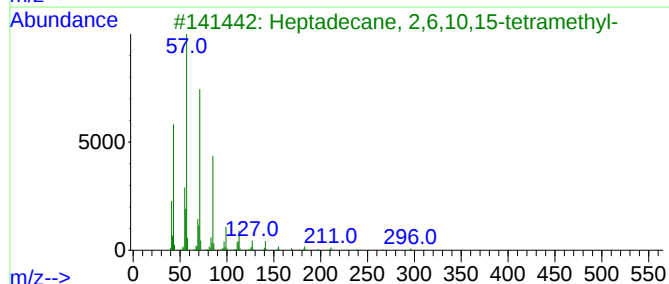
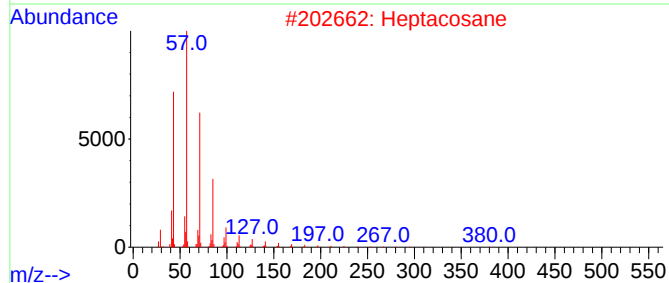
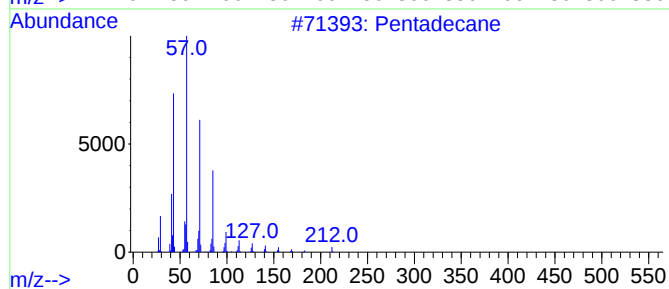
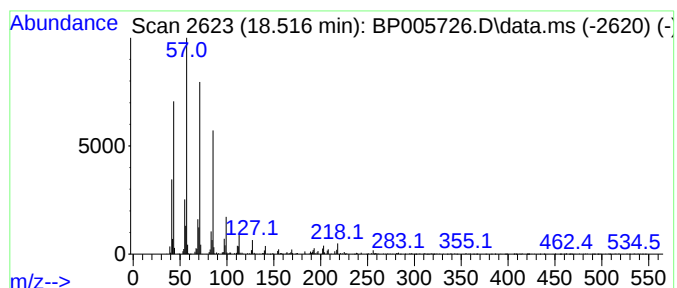
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Heptacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.516	3.83 ng	388211	Phenanthrene-d10	17.357

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	68
2		Heptacosane	380	C27H56	000593-49-7	64
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
5		Heneicosane	296	C21H44	000629-94-7	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005726.D
Acq On : 04 Jun 2021 23:24
Operator : CG/JU
Sample : M2589-20 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B12(4-6)

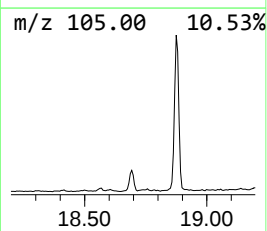
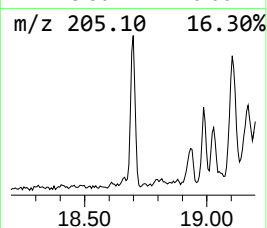
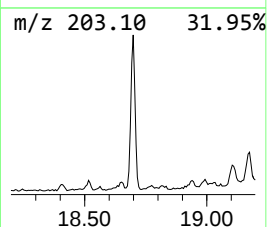
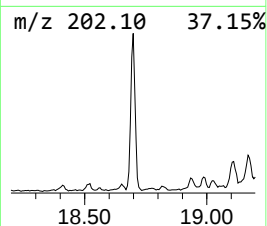
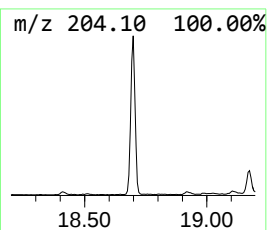
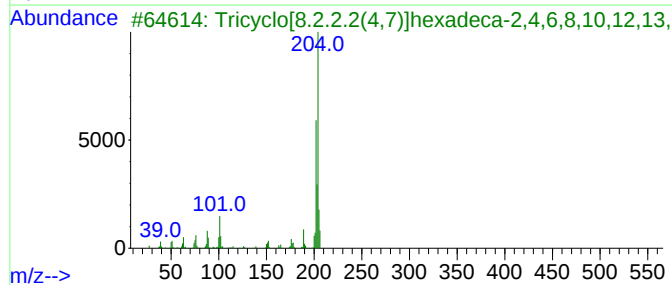
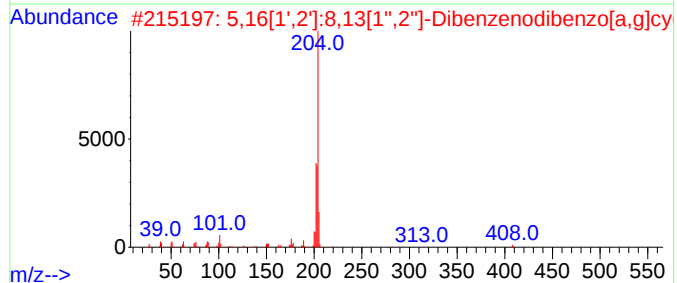
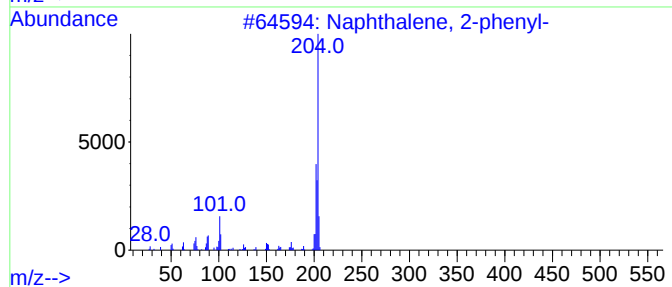
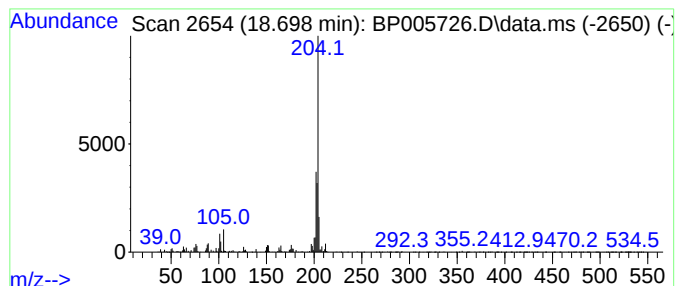
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.698	5.72 ng	580011	Phenanthrene-d10	17.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4			6-Cyanophenanthridine	204	C14H8N2	002176-28-5	60
5			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005726.D
Acq On : 04 Jun 2021 23:24
Operator : CG/JU
Sample : M2589-20 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B12(4-6)

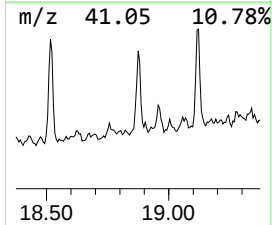
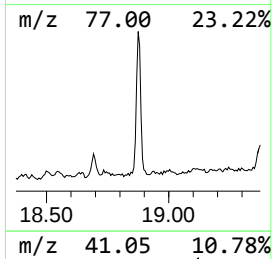
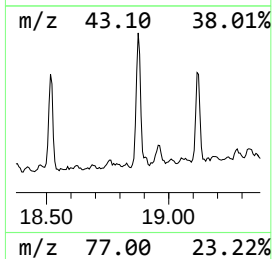
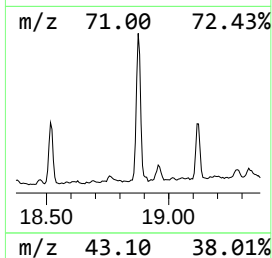
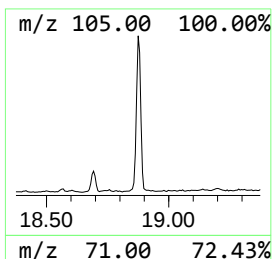
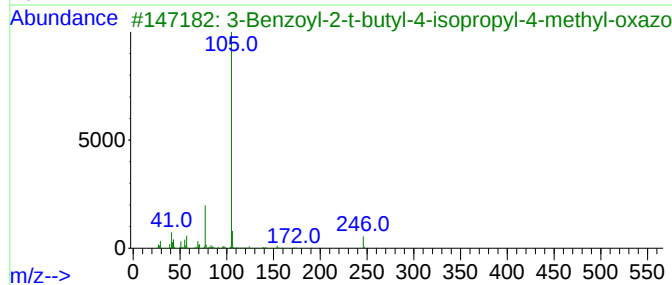
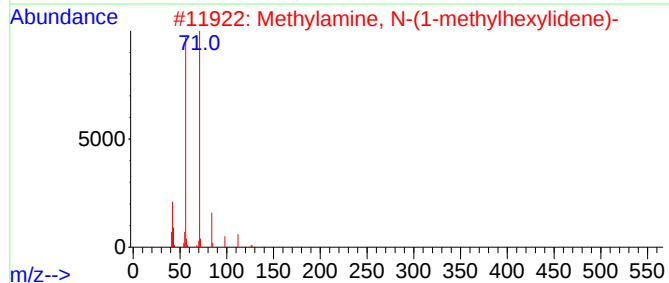
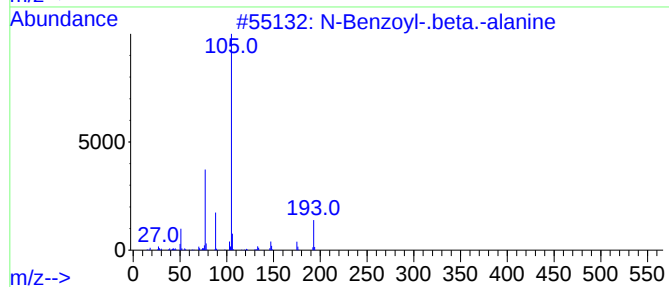
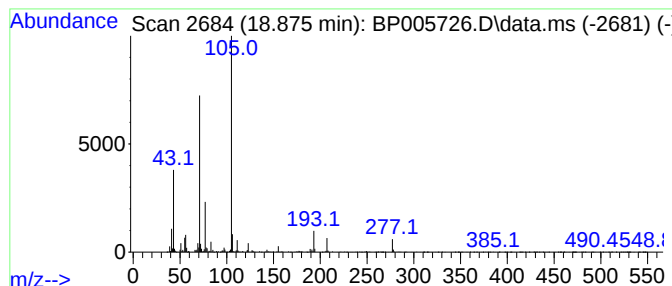
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown18.875 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.875	7.53 ng	763651	Phenanthrene-d10	17.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N-Benzoyl-.beta.-alanine	193	C10H11NO3	003440-28-6	38
2			Methylamine, N-(1-methylhexylidene)...	127	C8H17N	022058-71-5	22
3			3-Benzoyl-2-t-butyl-4-isopropyl-...	303	C18H25NO3	104057-75-2	22
4			Ethanone, 2-(acetyloxy)-1-phenyl-	178	C10H10O3	002243-35-8	22
5			Butanoic acid, 3-butenyl ester	142	C8H14O2	021698-32-8	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005726.D
Acq On : 04 Jun 2021 23:24
Operator : CG/JU
Sample : M2589-20 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B12(4-6)

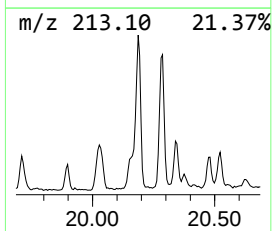
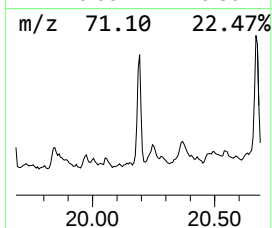
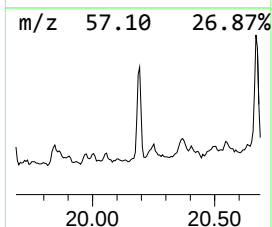
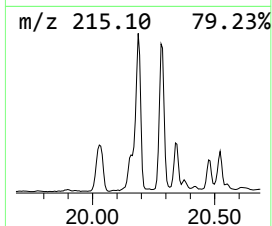
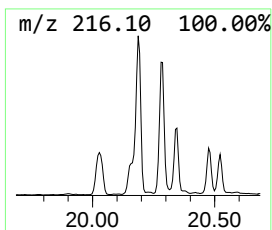
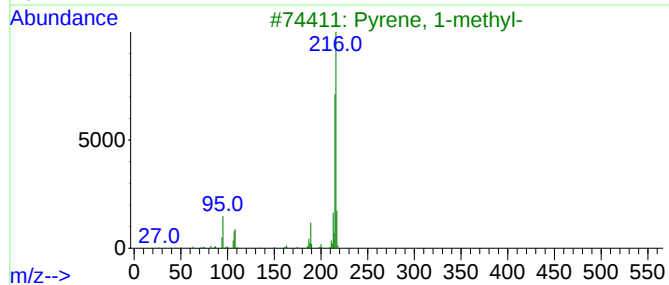
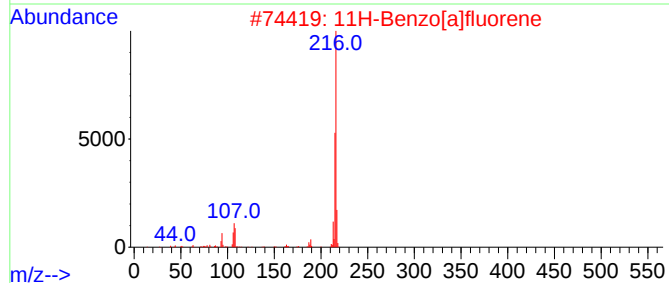
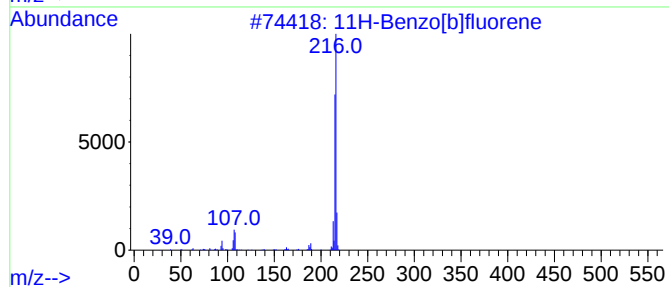
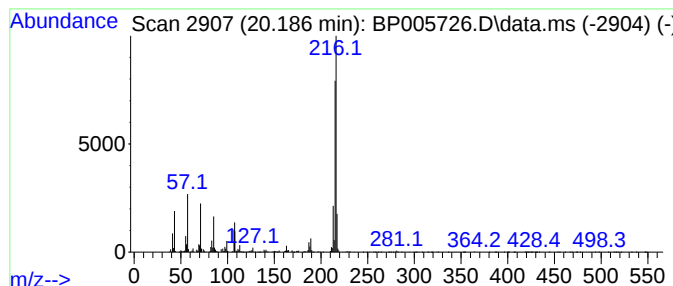
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.186	4.45 ng	1885270	Chrysene-d12	21.427

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	68
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	62
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005726.D
Acq On : 04 Jun 2021 23:24
Operator : CG/JU
Sample : M2589-20 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B12(4-6)

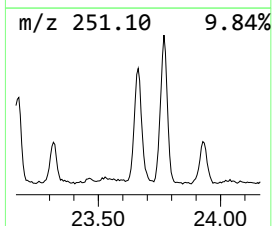
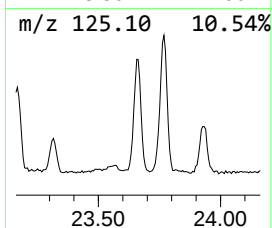
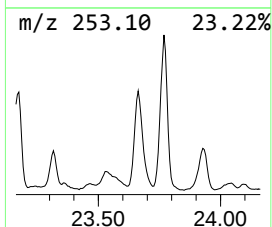
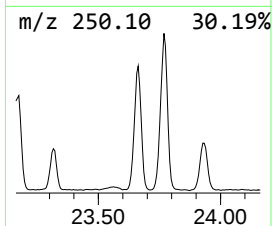
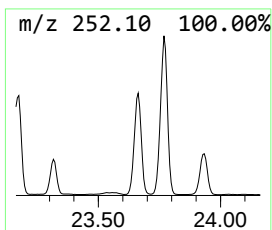
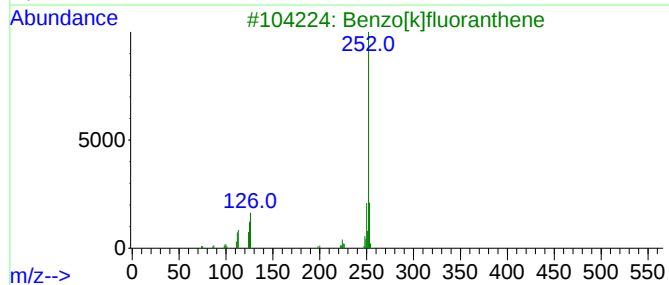
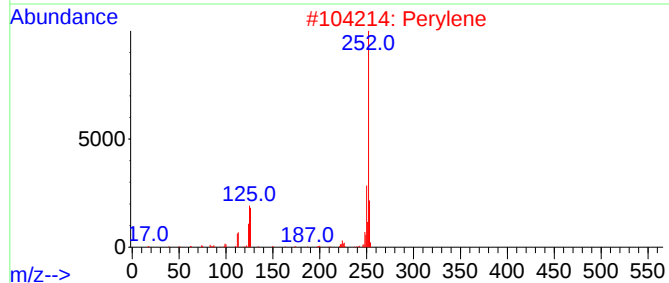
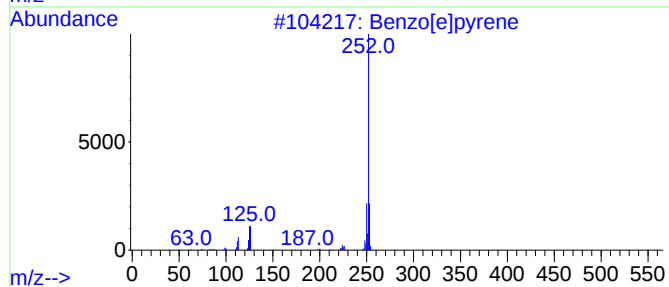
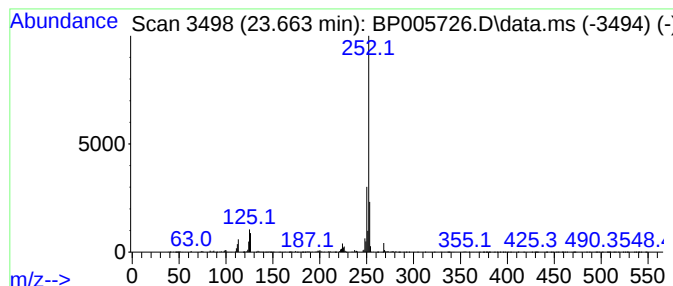
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.663	11.43 ng	2863880	Perylene-d12	23.874

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Perylene	252	C20H12	000198-55-0	97
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005726.D
 Acq On : 04 Jun 2021 23:24
 Operator : CG/JU
 Sample : M2589-20 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B12(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	6.664	6.5	ng	353320	1	7.987	1095350	20.0
Decane	7.605	4.8	ng	264525	1	7.987	1095350	20.0
Heptadecane	9.216	7.3	ng	400186	1	7.987	1095350	20.0
Tridecane	12.210	5.1	ng	412181	2	10.793	1626090	20.0
Tetradecane	13.440	7.1	ng	715559	3	14.610	2007890	20.0
Naphthalene, 2,...	13.934	3.9	ng	391146	3	14.610	2007890	20.0
Pentadecane	14.504	7.0	ng	697462	3	14.610	2007890	20.0
Hexadecane	15.451	6.1	ng	616528	3	14.610	2007890	20.0
Eicosane, 10-me...	16.316	8.1	ng	815399	4	17.357	2026960	20.0
2-Bromo dodecane	17.104	6.5	ng	659816	4	17.357	2026960	20.0
Dibenzothiophene	17.169	9.2	ng	927859	4	17.357	2026960	20.0
Tridecane, 7-pr...	17.845	6.0	ng	609689	4	17.357	2026960	20.0
Anthracene, 2-m...	18.216	8.1	ng	822534	4	17.357	2026960	20.0
Phenanthrene, 2...	18.263	11.0	ng	1118350	4	17.357	2026960	20.0
4H-Cyclopenta[d...	18.410	17.1	ng	1732000	4	17.357	2026960	20.0
Heptacosane	18.516	3.8	ng	388211	4	17.357	2026960	20.0
Naphthalene, 2-...	18.698	5.7	ng	580011	4	17.357	2026960	20.0
unknown18.875	18.875	7.5	ng	763651	4	17.357	2026960	20.0
11H-Benzo[b]flu...	20.186	4.5	ng	1885270	5	21.427	8482070	20.0
Benzo[e]pyrene	23.663	11.4	ng	2863880	6	23.874	5011450	20.0