

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041214.D
 Acq On : 01 Aug 2023 07:33
 Operator : MA/JU
 Sample : 03645-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-10-(0.5-2.0)

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_M\Methods\8270-BM072823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041214.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	362	371	377	rBV	2730547	3987268	37.32%	2.740%
2	5.422	377	380	398	rVB	226974	358149	3.35%	0.246%
3	6.981	638	645	662	rVB	2523242	4025044	37.68%	2.765%
4	7.798	778	784	797	rVB	630853	978819	9.16%	0.673%
5	8.975	976	984	989	rBV	1602247	2695800	25.24%	1.852%
6	10.004	1153	1159	1167	rBV4	65000	138935	1.30%	0.095%
7	10.557	1247	1253	1256	rBV	234607	375305	3.51%	0.258%
8	10.604	1256	1261	1266	rVV	751003	1216912	11.39%	0.836%
9	10.651	1266	1269	1275	rVB	234468	366013	3.43%	0.251%
10	10.745	1281	1285	1291	rVB	98212	140921	1.32%	0.097%
11	11.422	1396	1400	1409	rBV6	54137	114808	1.07%	0.079%
12	11.510	1410	1415	1422	rVB2	65553	128384	1.20%	0.088%
13	11.610	1428	1432	1436	rBV	126291	195576	1.83%	0.134%
14	11.963	1484	1492	1496	rVV	158055	281922	2.64%	0.194%
15	12.016	1496	1501	1509	rVB	322822	469278	4.39%	0.322%
16	12.275	1541	1545	1551	rVB	206411	306088	2.87%	0.210%
17	12.492	1578	1582	1592	rVB	165143	290138	2.72%	0.199%
18	12.975	1660	1664	1670	rVB	139345	185887	1.74%	0.128%
19	13.080	1676	1682	1690	rVB	3713887	5194437	48.62%	3.569%
20	13.269	1706	1714	1722	rBV2	368966	656866	6.15%	0.451%
21	13.492	1747	1752	1762	rVB	46947	123741	1.16%	0.085%
22	13.616	1769	1773	1776	rBV3	77055	131437	1.23%	0.090%
23	13.780	1796	1801	1806	rBV	137628	243796	2.28%	0.168%
24	13.833	1806	1810	1817	rVB	137461	209034	1.96%	0.144%
25	13.927	1819	1826	1830	rBV	273327	400975	3.75%	0.275%
26	14.186	1865	1870	1881	rVB	273950	443541	4.15%	0.305%
27	14.345	1892	1897	1904	rBV	335313	474483	4.44%	0.326%
28	14.463	1906	1917	1922	rVV	996486	1524422	14.27%	1.047%
29	14.527	1922	1928	1935	rVB	342734	542502	5.08%	0.373%
30	14.863	1979	1985	1988	rBV	299334	438963	4.11%	0.302%
31	14.898	1988	1991	1995	rVB2	90212	125780	1.18%	0.086%
32	15.033	2009	2014	2019	rBV	189664	375963	3.52%	0.258%
33	15.133	2028	2031	2044	rVB4	58241	120649	1.13%	0.083%
34	15.304	2056	2060	2064	rVB	314578	372189	3.48%	0.256%
35	15.516	2090	2096	2101	rBV2	356508	546531	5.12%	0.376%
36	15.710	2127	2129	2134	rVB2	110975	145345	1.36%	0.100%

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Integrator: RTE

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Max Peaks: 100

Stop Thrs : 0

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Peak separation: 5

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37	15.810	2141	2146	2152	rVB	151445	220041	2.06%	0.151%
38	15.963	2167	2172	2179	rVB	3163097	4188376	39.21%	2.878%
39	16.174	2203	2208	2210	rBV	411890	638742	5.98%	0.439%
40	16.521	2262	2267	2273	rVB5	174953	276027	2.58%	0.190%
41	16.627	2281	2285	2291	rBV	241980	379907	3.56%	0.261%
42	16.880	2324	2328	2333	rBV	270099	362521	3.39%	0.249%
43	16.968	2337	2343	2347	rVV2	584818	804666	7.53%	0.553%
44	17.015	2348	2351	2353	rVV	214978	327121	3.06%	0.225%
45	17.039	2353	2355	2363	rVB	288604	385355	3.61%	0.265%
46	17.221	2381	2386	2389	rBV	1186801	1672652	15.66%	1.149%
47	17.268	2389	2394	2402	rVV	5214137	7161832	67.04%	4.921%
48	17.357	2404	2409	2414	rVB	1277487	1674851	15.68%	1.151%
49	17.633	2449	2456	2465	rBV2	607132	1211637	11.34%	0.832%
50	17.710	2465	2469	2473	rBV	798179	918552	8.60%	0.631%
51	18.104	2532	2536	2537	rBV	520901	622101	5.82%	0.427%
52	18.139	2537	2542	2549	rVB2	4224918	6907084	64.66%	4.746%
53	18.233	2555	2558	2564	rVB	279772	417579	3.91%	0.287%
54	18.298	2564	2569	2573	rBV3	761830	1323080	12.39%	0.909%
55	18.333	2573	2575	2583	rVB	408934	554211	5.19%	0.381%
56	18.410	2584	2588	2593	rBV	1210088	1490822	13.96%	1.024%
57	18.568	2612	2615	2618	rBV3	206577	219514	2.05%	0.151%
58	18.610	2618	2622	2626	rVB	408042	509717	4.77%	0.350%
59	18.657	2626	2630	2635	rBV	603522	806414	7.55%	0.554%
60	18.845	2659	2662	2670	rVB3	352299	673938	6.31%	0.463%
61	19.045	2692	2696	2700	rVB2	1600021	1860150	17.41%	1.278%
62	19.121	2706	2709	2713	rVB	393771	493089	4.62%	0.339%
63	19.174	2714	2718	2722	rBV2	333695	552799	5.17%	0.380%
64	19.298	2733	2739	2744	rBV	7923727	10682717	100.00%	7.340%
65	19.415	2755	2759	2766	rVB2	1940832	2735224	25.60%	1.879%
66	19.627	2791	2795	2797	rBV3	2960725	3559871	33.32%	2.446%
67	19.662	2797	2801	2808	rVB	5936986	8179855	76.57%	5.620%
68	19.727	2809	2812	2820	rVB2	406593	627735	5.88%	0.431%
69	19.862	2831	2835	2839	rVB	6010733	6827966	63.92%	4.691%
70	20.068	2867	2870	2874	rVB	945138	1099812	10.30%	0.756%
71	20.162	2882	2886	2890	rVB2	2955073	3559581	33.32%	2.446%
72	20.256	2899	2902	2905	rVB	500421	538883	5.04%	0.370%
73	20.456	2933	2936	2938	rBV	403654	528511	4.95%	0.363%
74	20.662	2967	2971	2975	rBV	2405458	2700352	25.28%	1.855%
75	21.133	3044	3051	3060	rVB5	2532294	5259325	49.23%	3.614%
76	21.421	3095	3100	3105	rBV3	4138099	7937721	74.30%	5.454%

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Integrator: RTE
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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

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.468	3105	3108	3116	rVB	3943594	5088405	47.63%	3.496%
78	21.574	3122	3126	3134	rVB3	2118428	2681123	25.10%	1.842%
79	22.027	3200	3203	3207	rVB	1420689	1526294	14.29%	1.049%
80	22.521	3283	3287	3293	rVB2	1456402	2048669	19.18%	1.408%
81	23.092	3376	3384	3389	rBV2	2699851	7508640	70.29%	5.159%
82	23.603	3467	3471	3478	rVB	1670200	2942594	27.55%	2.022%
83	23.709	3485	3489	3496	rVB	2525948	4533268	42.44%	3.115%

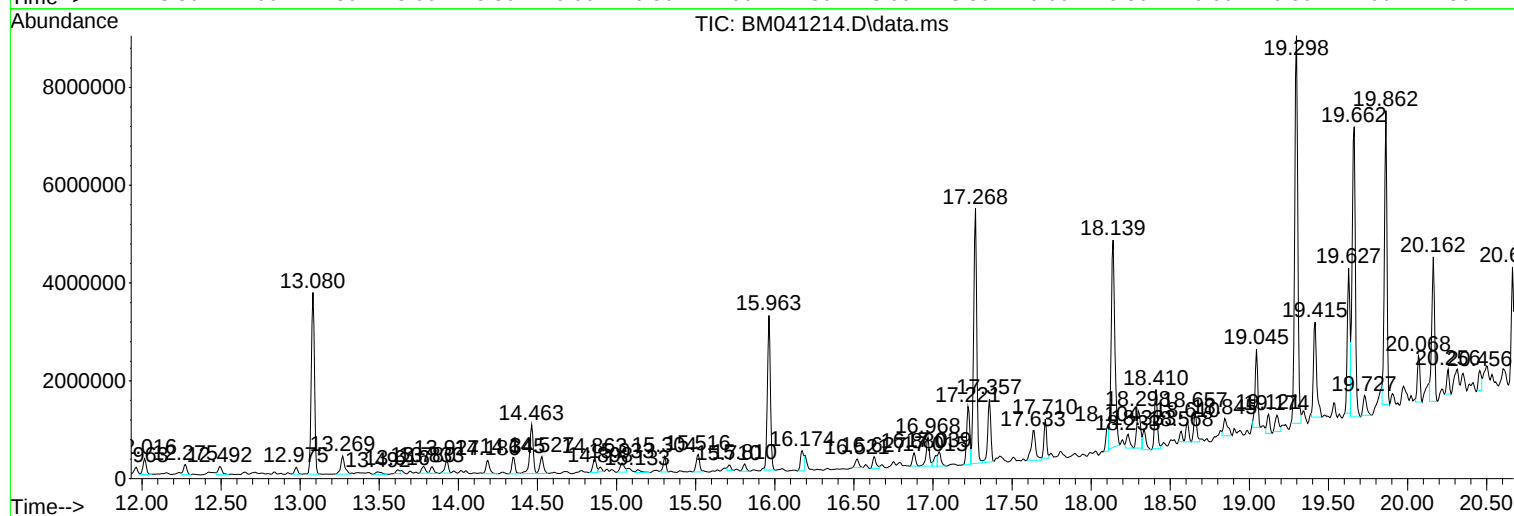
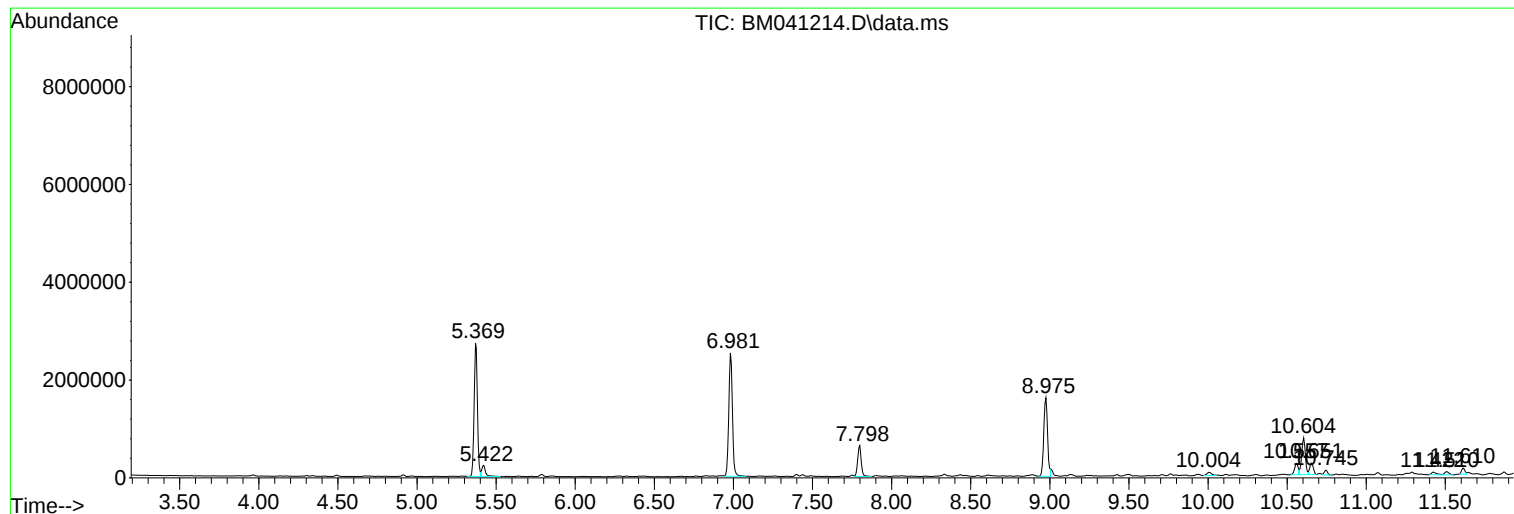
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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BNA_M
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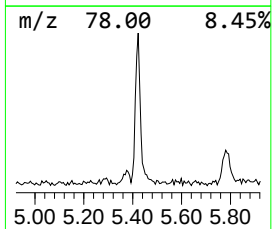
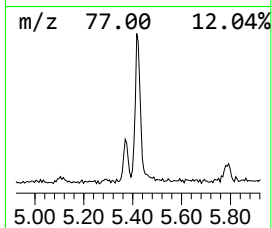
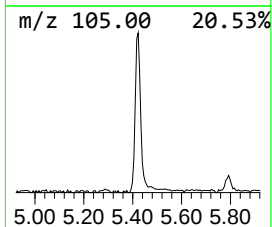
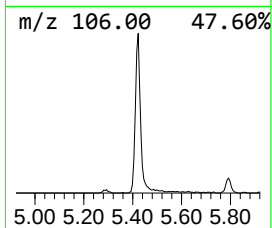
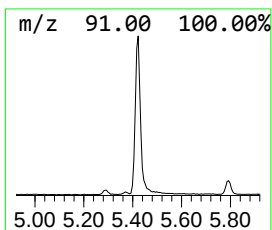
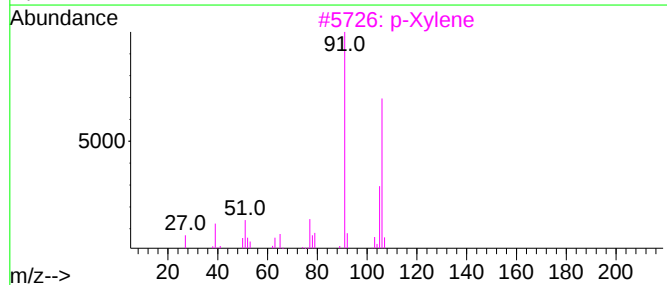
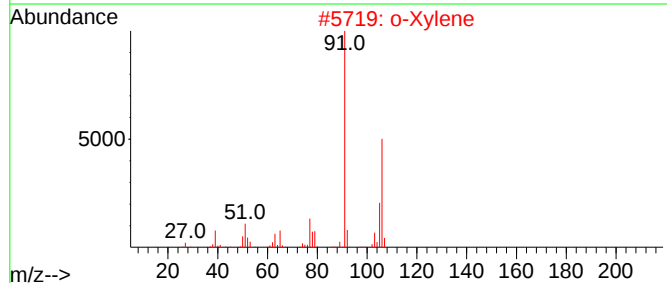
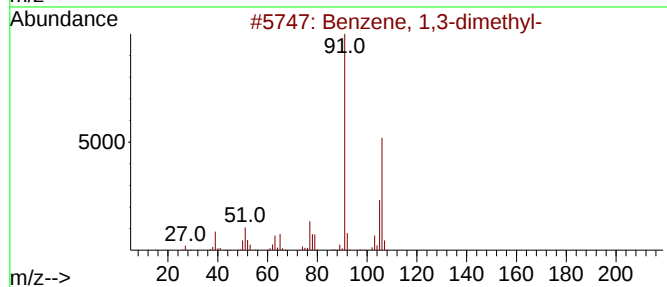
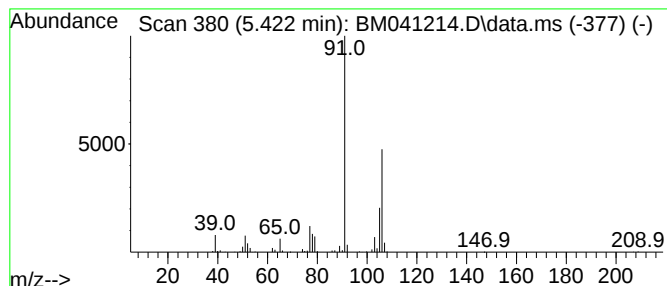
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.422	7.32 ng	358149	1,4-Dichlorobenzene-d4	7.798

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
2		o-Xylene	106	C8H10	000095-47-6	94
3		p-Xylene	106	C8H10	000106-42-3	91
4		Ethylbenzene	106	C8H10	000100-41-4	72
5		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	64



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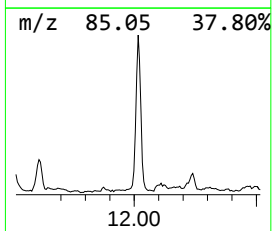
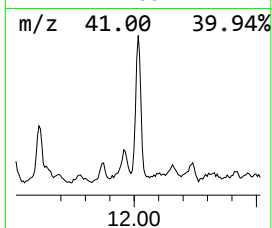
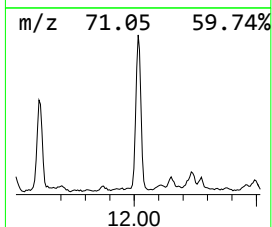
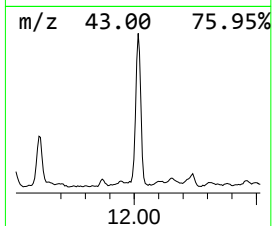
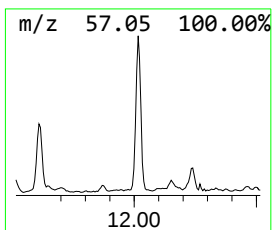
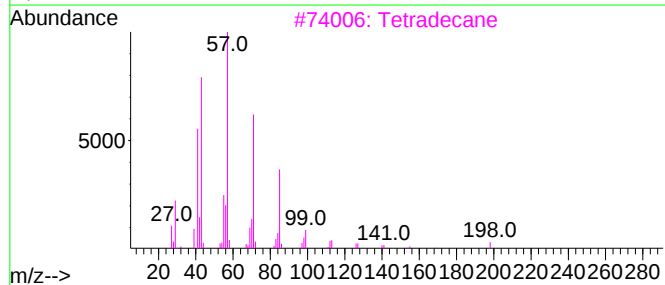
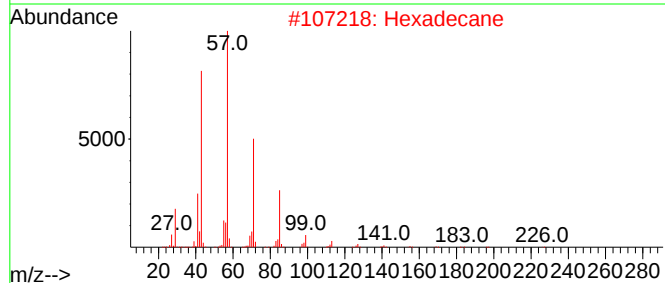
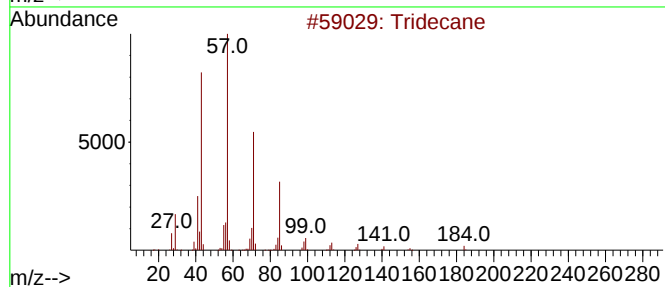
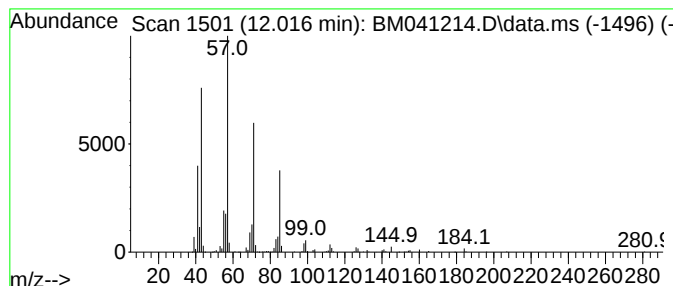
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	7.71 ng	469278	Naphthalene-d8	10.604

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tetradecane	198	C14H30	000629-59-4	86
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	78



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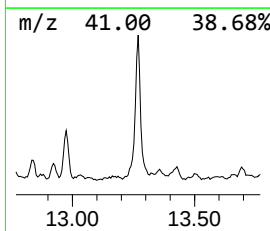
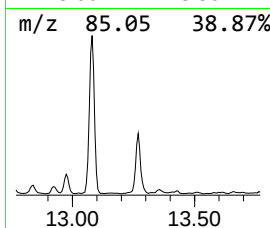
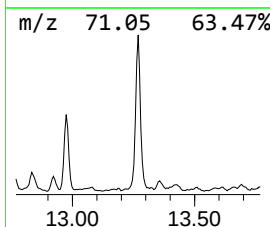
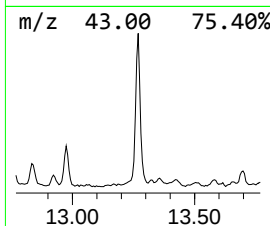
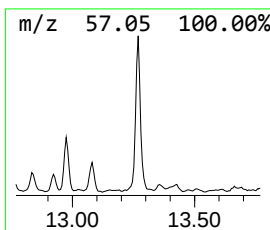
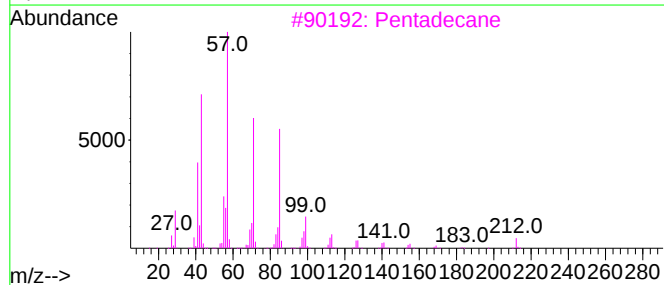
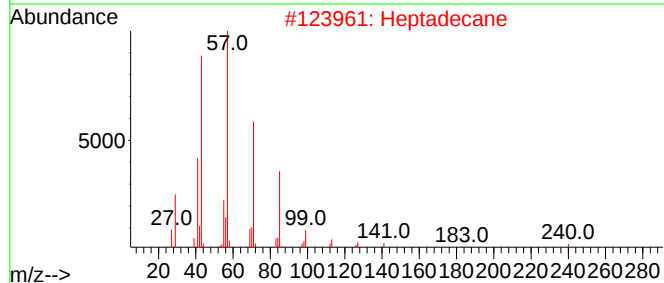
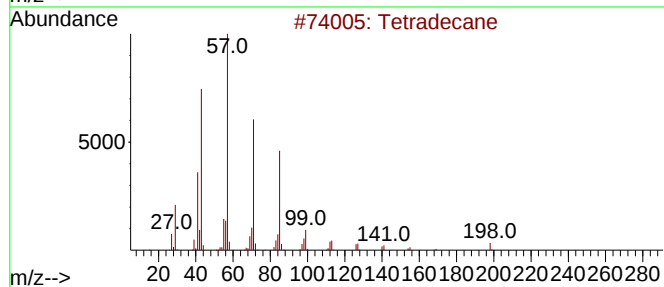
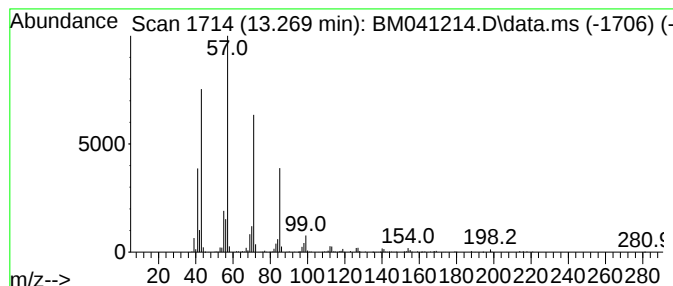
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	8.62 ng	656866	Acenaphthene-d10	14.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	97
2			Heptadecane	240	C17H36	000629-78-7	90
3			Pentadecane	212	C15H32	000629-62-9	90
4			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	83
5			Octadecane	254	C18H38	000593-45-3	72



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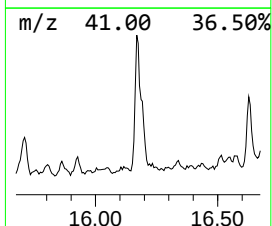
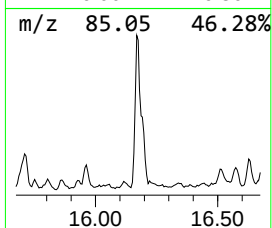
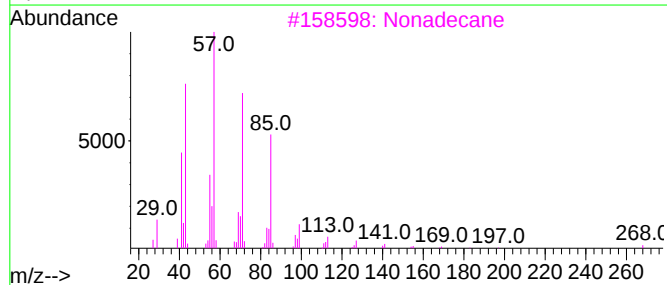
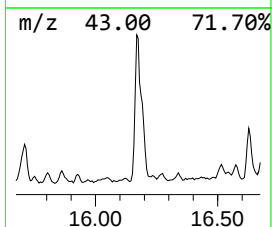
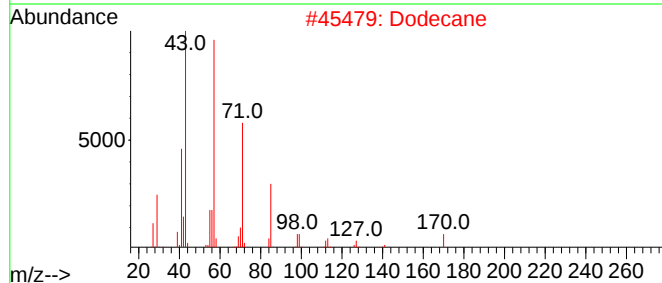
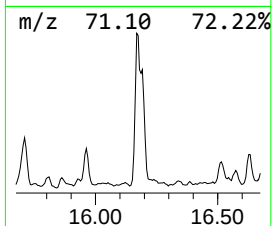
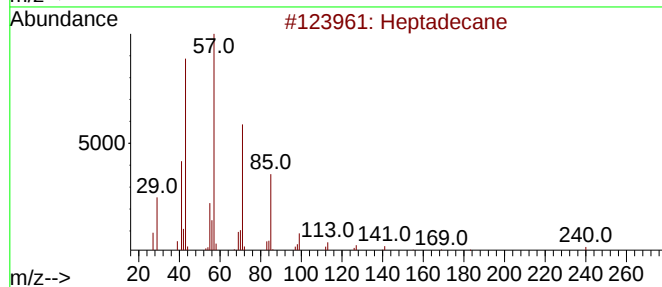
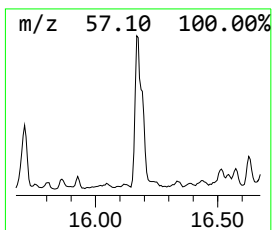
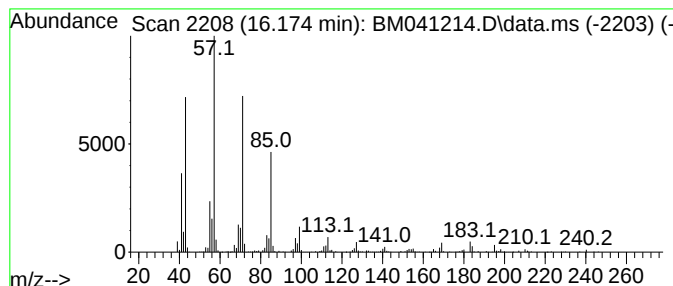
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.174	7.64 ng	638742	Phenanthrene-d10	17.221

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	90
2			Dodecane	170	C12H26	000112-40-3	87
3			Nonadecane	268	C19H40	000629-92-5	87
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
5			Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
Data File : BM041214.D
Acq On : 01 Aug 2023 07:33
Operator : MA/JU
Sample : 03645-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-10-(0.5-2.0)

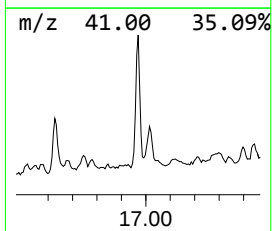
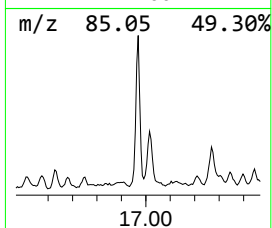
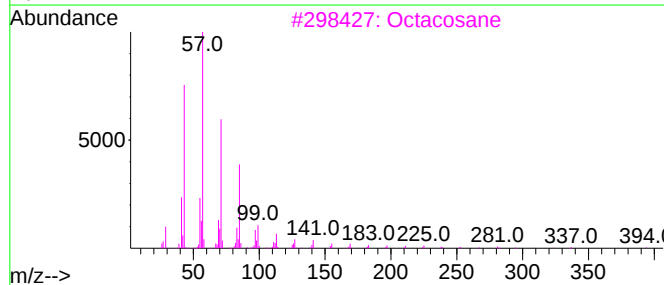
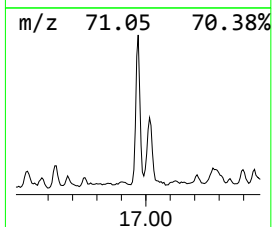
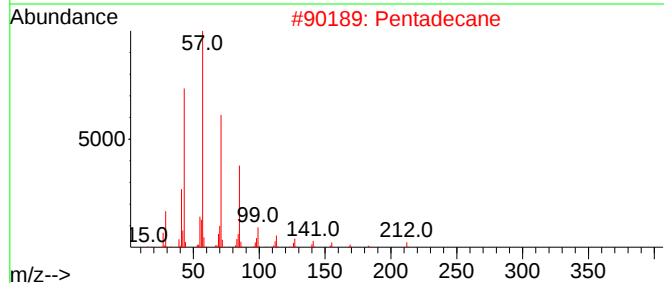
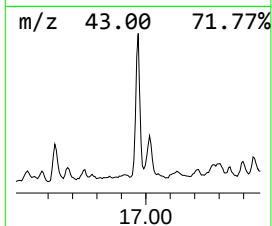
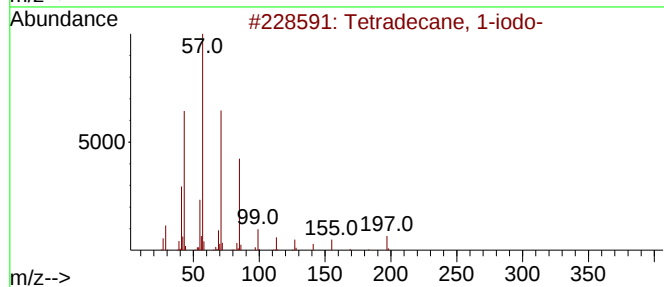
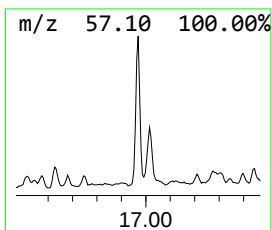
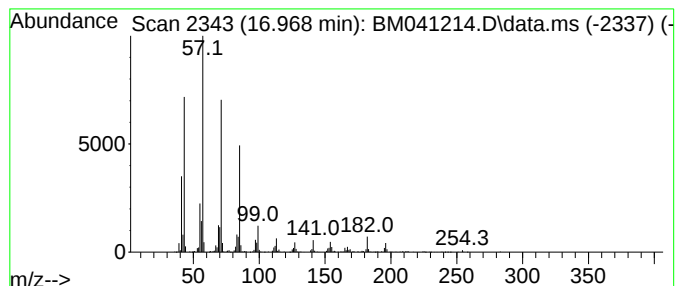
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.968	9.62 ng	804666	Phenanthrene-d10	17.221

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	87
2			Pentadecane	212	C15H32	000629-62-9	87
3			Octacosane	394	C28H58	000630-02-4	87
4			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
5			Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
Data File : BM041214.D
Acq On : 01 Aug 2023 07:33
Operator : MA/JU
Sample : 03645-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-10-(0.5-2.0)

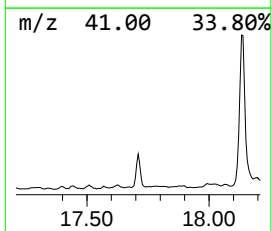
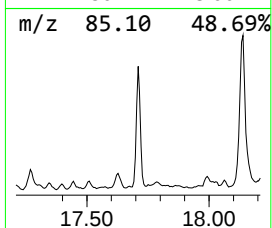
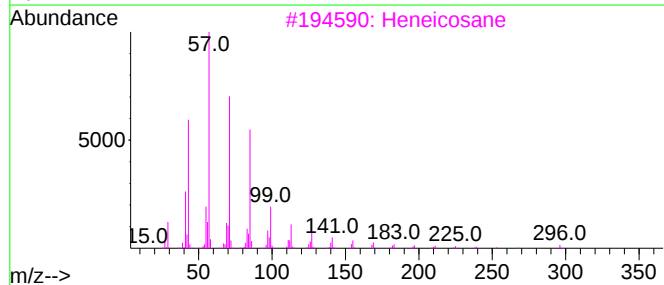
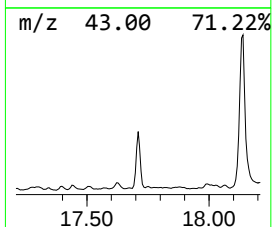
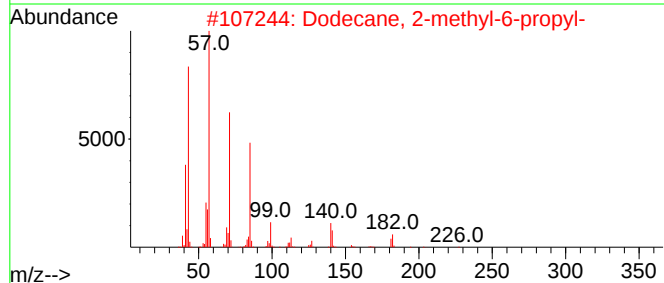
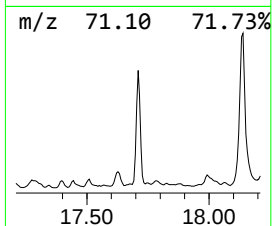
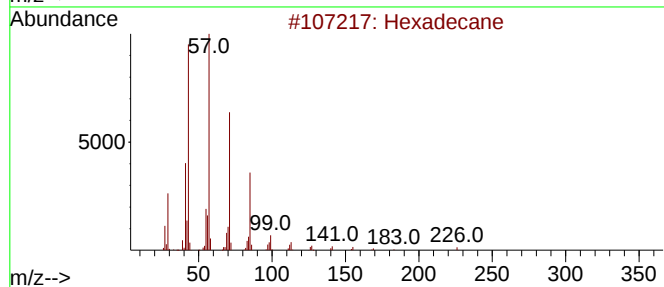
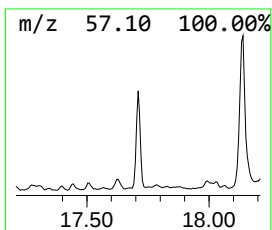
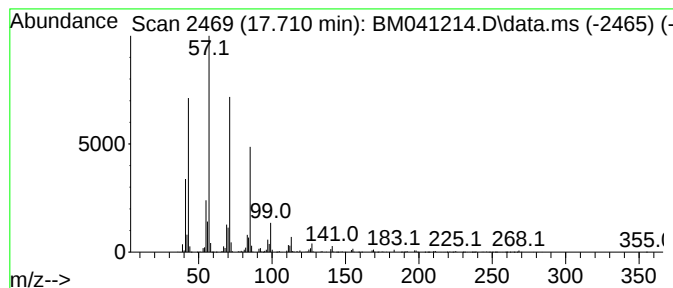
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.710	10.98 ng	918552	Phenanthrene-d10	17.221

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	95
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Pentadecane	212	C15H32	000629-62-9	91
5		Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
Data File : BM041214.D
Acq On : 01 Aug 2023 07:33
Operator : MA/JU
Sample : 03645-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

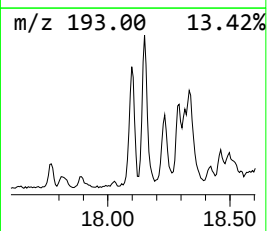
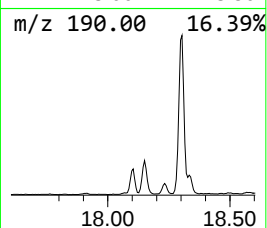
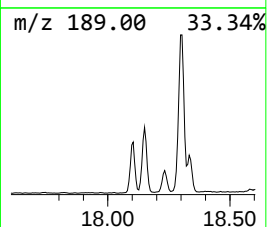
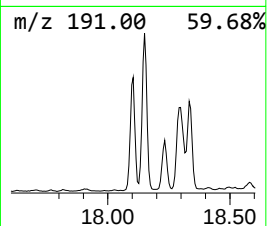
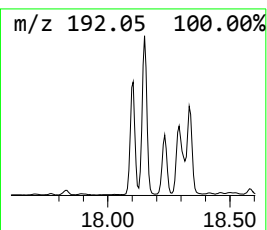
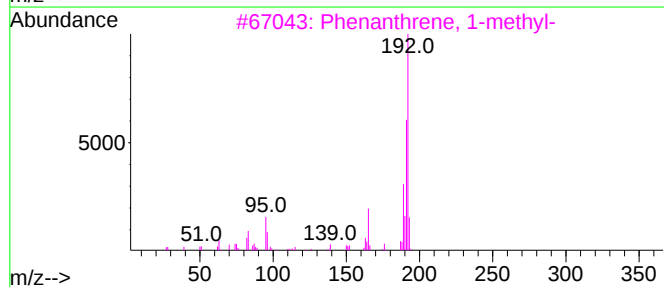
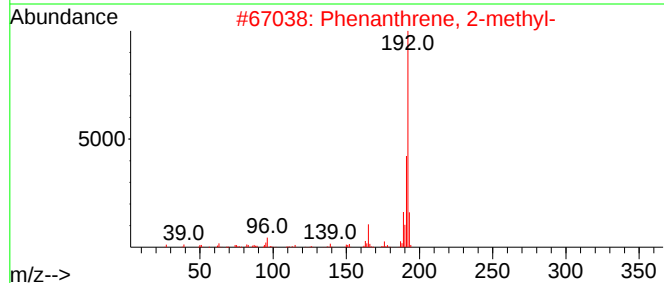
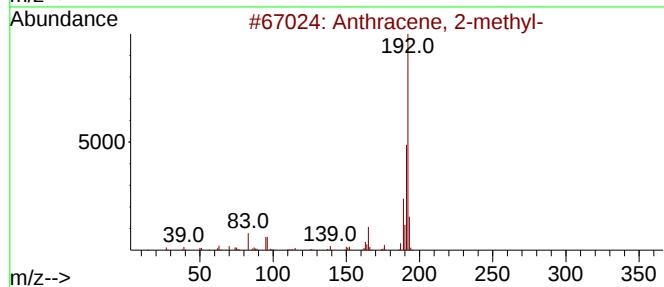
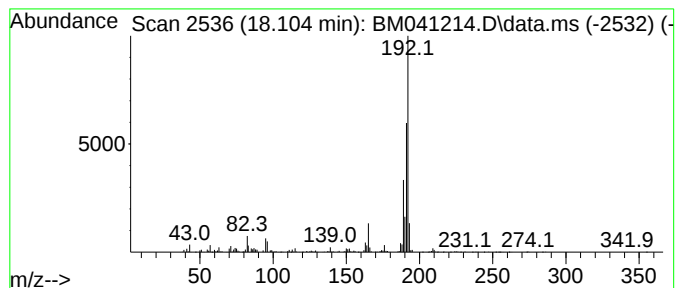
Instrument :
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ClientSampleId :
SB-10-(0.5-2.0)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.104	7.44 ng	622101	Phenanthrene-d10	17.221	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
Data File : BM041214.D
Acq On : 01 Aug 2023 07:33
Operator : MA/JU
Sample : 03645-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-10-(0.5-2.0)

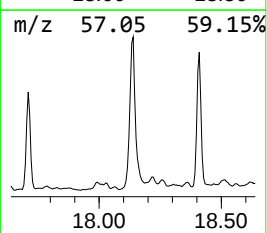
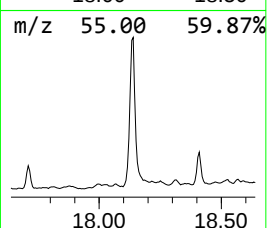
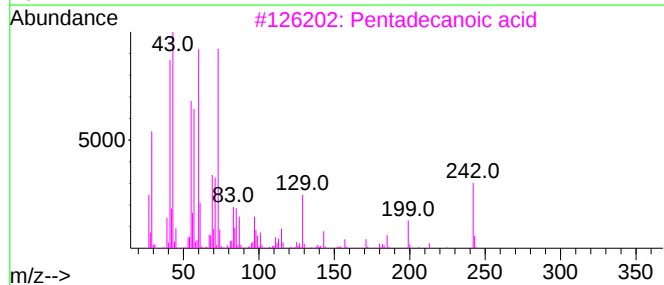
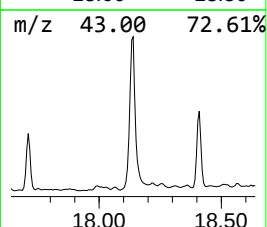
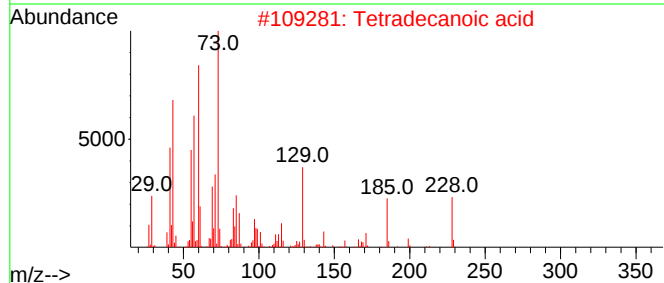
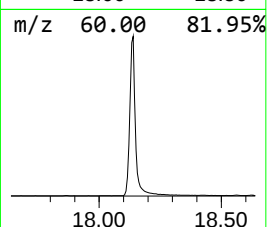
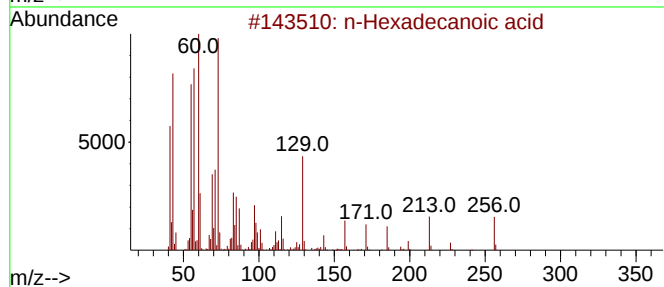
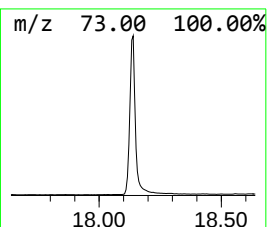
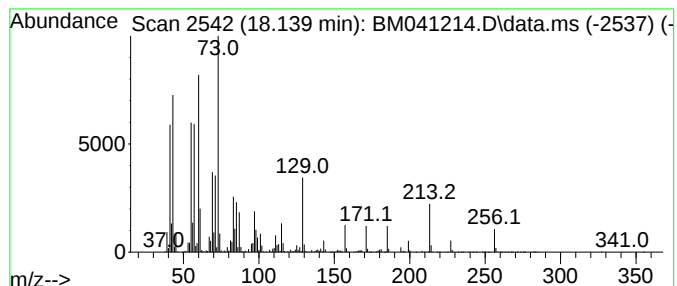
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	82.59 ng	6907080	Phenanthrene-d10	17.221

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tridecanoic acid	214	C13H26O2	000638-53-9	89
5			Dodecanoic acid	200	C12H24O2	000143-07-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
Data File : BM041214.D
Acq On : 01 Aug 2023 07:33
Operator : MA/JU
Sample : 03645-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

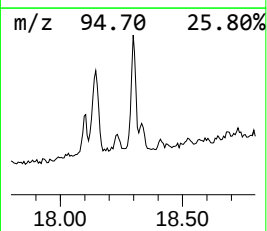
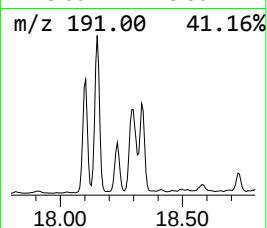
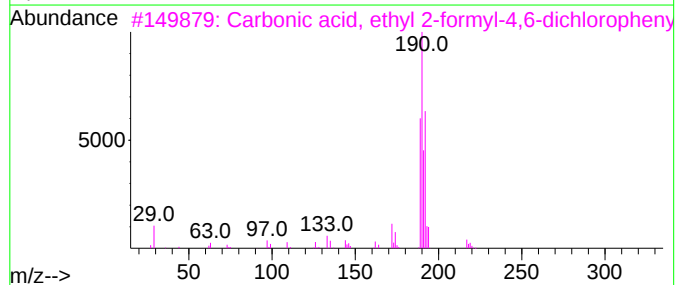
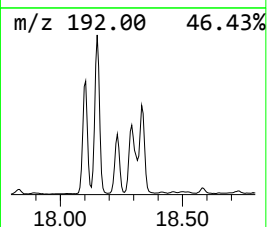
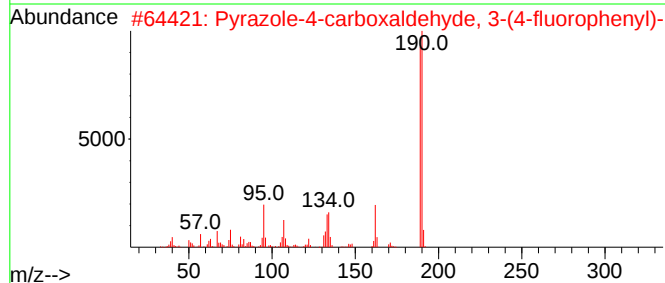
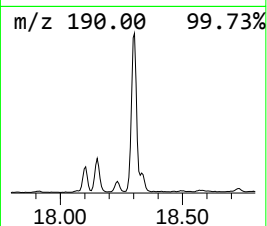
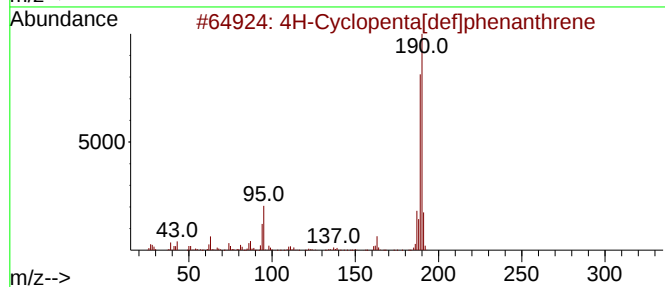
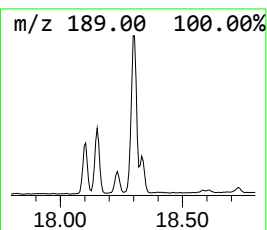
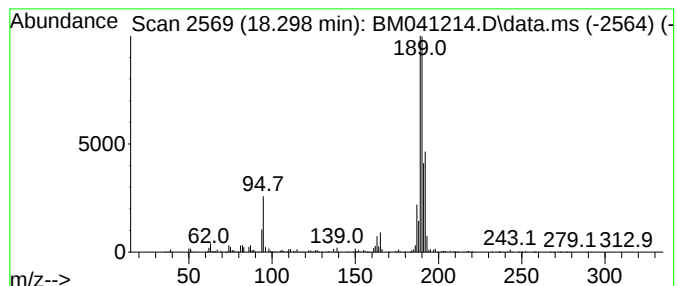
Instrument :
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ClientSampleId :
SB-10-(0.5-2.0)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.298	15.82 ng	1323080	Phenanthrene-d10	17.221	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	49
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	47
4	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
5	4-Oxo-2-(4-fluorophenyl)-3,4-dih...	190	C10H7FN2O	076128-79-5	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
Data File : BM041214.D
Acq On : 01 Aug 2023 07:33
Operator : MA/JU
Sample : 03645-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-10-(0.5-2.0)

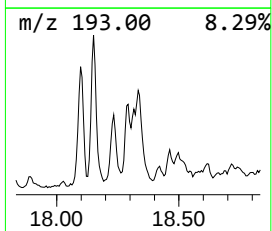
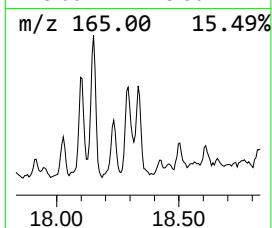
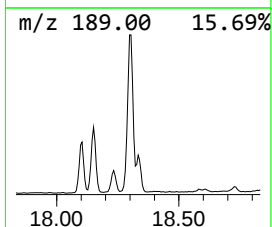
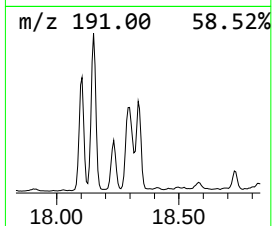
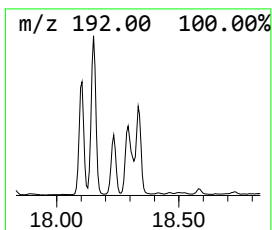
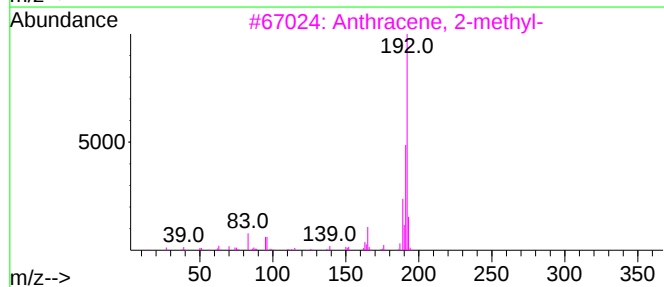
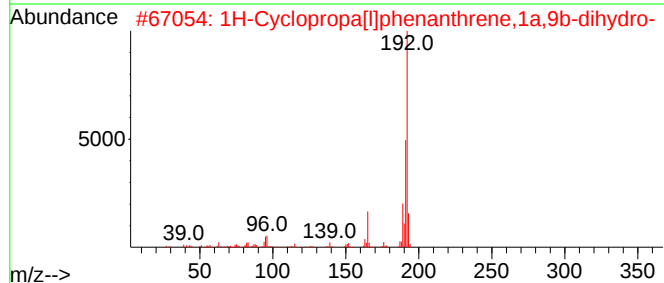
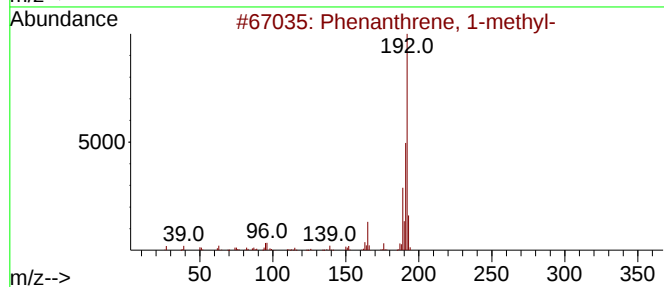
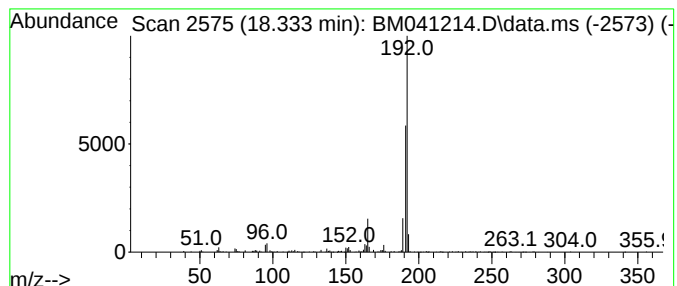
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.333	6.63 ng	554211	Phenanthrene-d10	17.221

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	87
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
Data File : BM041214.D
Acq On : 01 Aug 2023 07:33
Operator : MA/JU
Sample : 03645-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

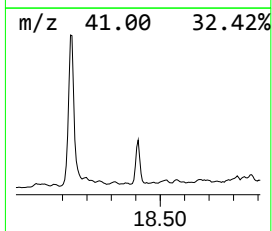
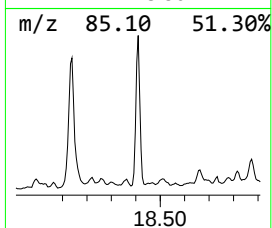
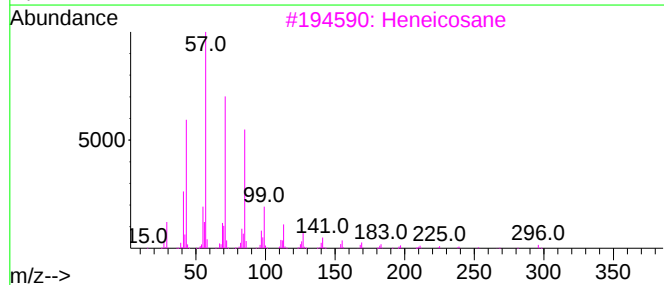
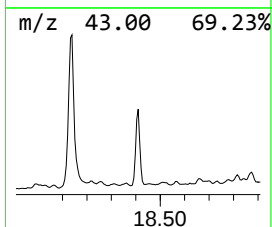
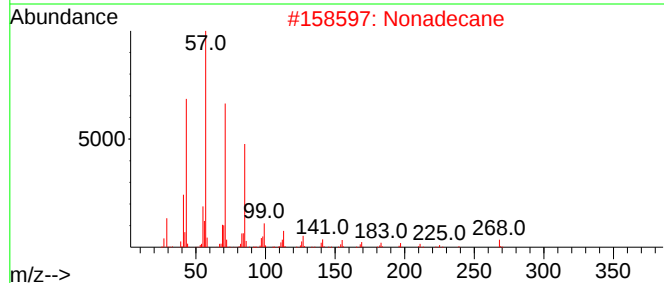
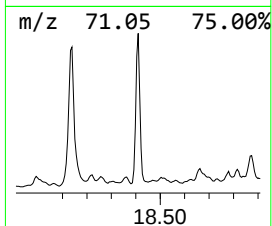
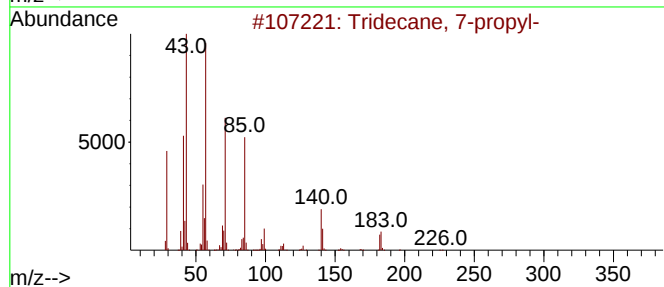
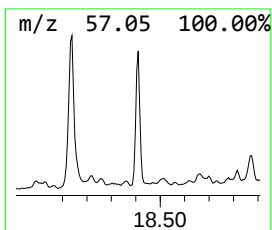
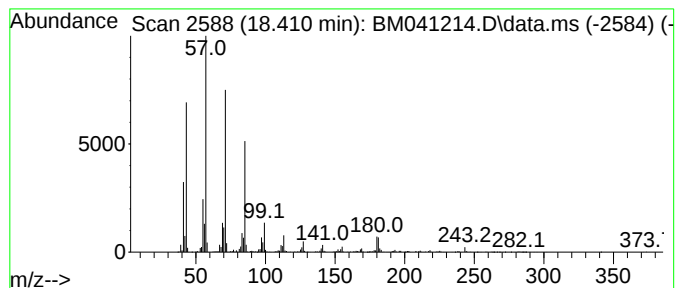
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane, 7-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.410	17.83 ng	1490820	Phenanthrene-d10		17.221	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-		226	C16H34	055045-09-5	91
2	Nonadecane		268	C19H40	000629-92-5	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Pentadecane		212	C15H32	000629-62-9	87
5	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
Data File : BM041214.D
Acq On : 01 Aug 2023 07:33
Operator : MA/JU
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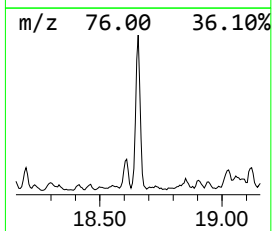
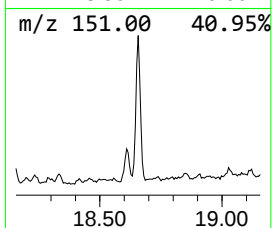
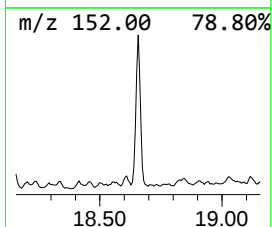
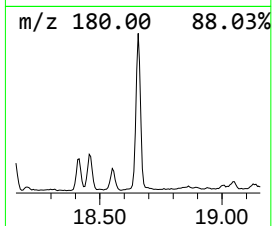
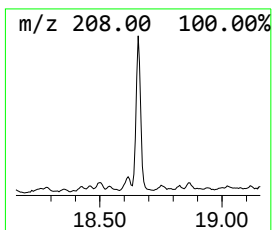
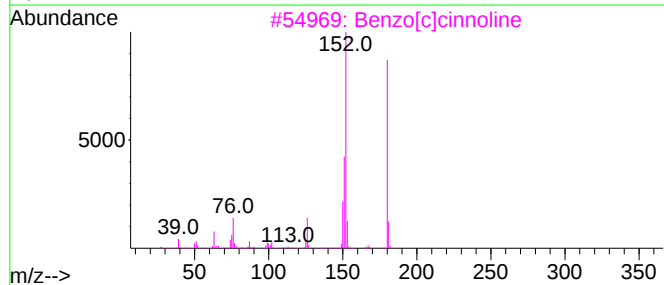
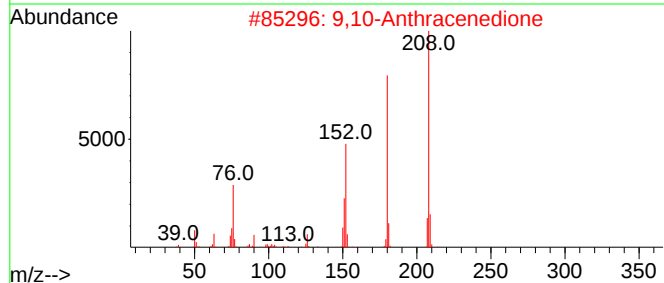
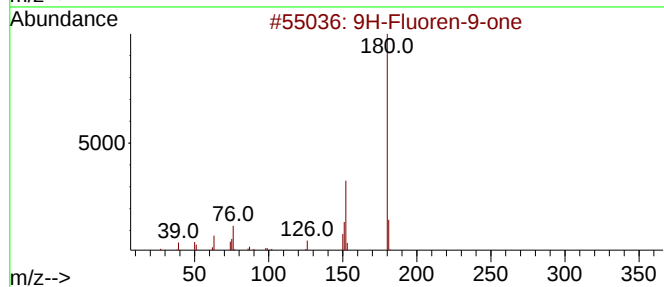
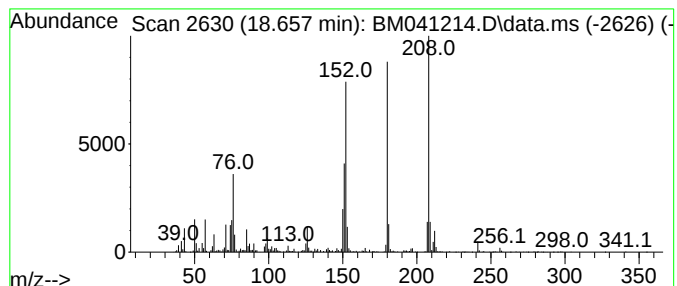
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9H-Fluoren-9-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.657	9.64 ng	806414	Phenanthrene-d10	17.221

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
3		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
4		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
Data File : BM041214.D
Acq On : 01 Aug 2023 07:33
Operator : MA/JU
Sample : 03645-06
Misc :
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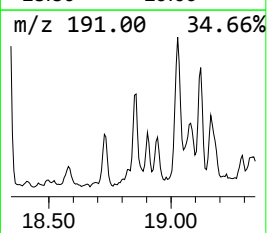
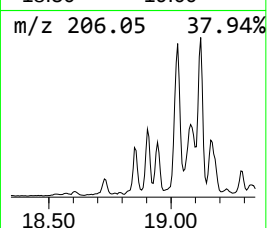
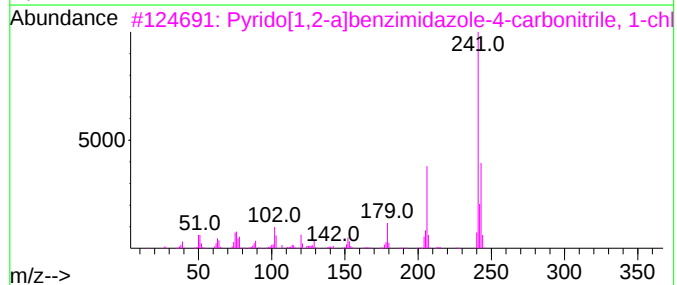
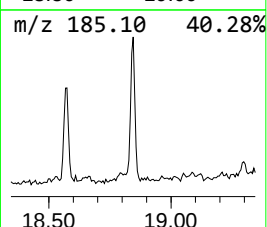
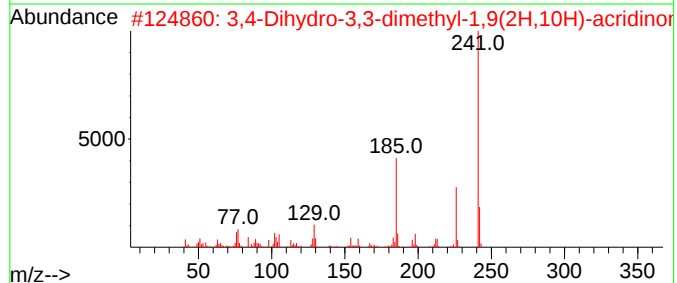
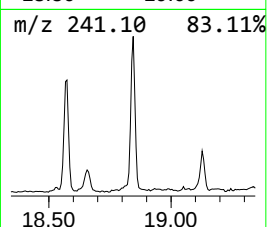
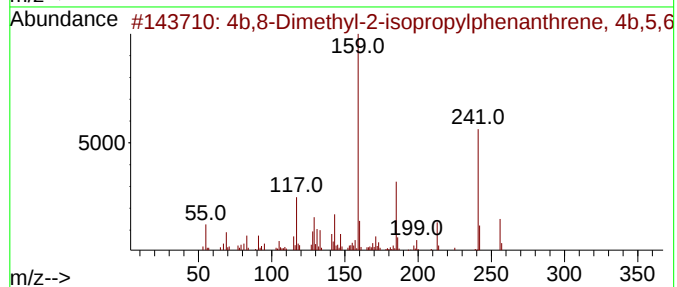
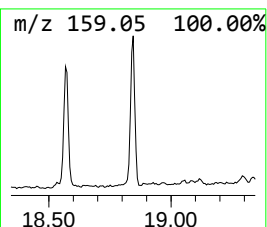
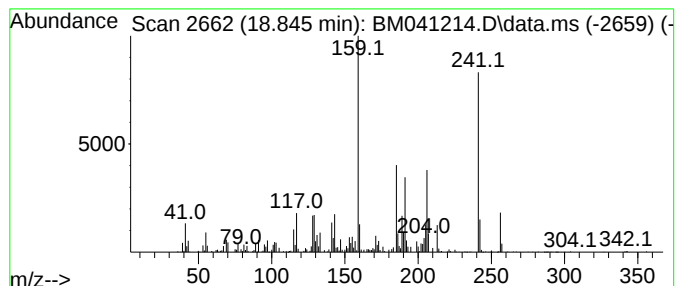
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4b,8-Dimethyl-2-isopropylph... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.845	8.06 ng	673938	Phenanthrene-d10	17.221	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	86
2	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1010212-95-2	41
3	Pyrido[1,2-a]benzimidazole-4-car...	241	C13H8ClN3	121105-78-0	27
4	Benzene, 1,1'-(1-methylethyliden...	256	C17H20O2	001568-83-8	25
5	3-Formyl-10-methylphenothiazine	241	C14H11NOS	004997-36-8	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
Data File : BM041214.D
Acq On : 01 Aug 2023 07:33
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Sample : 03645-06
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ALS Vial : 33 Sample Multiplier: 1

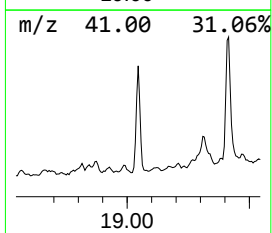
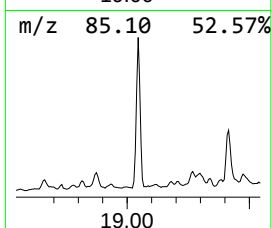
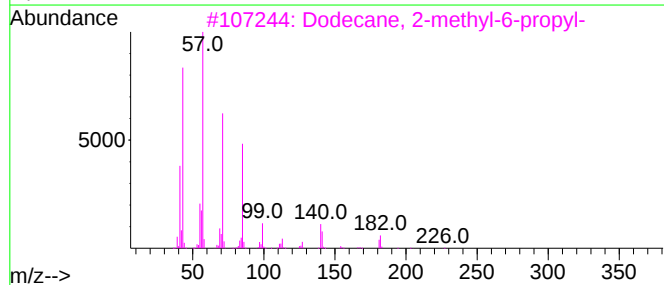
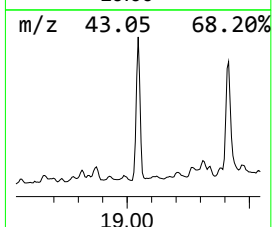
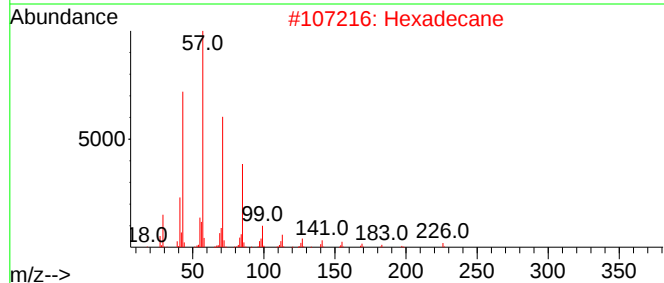
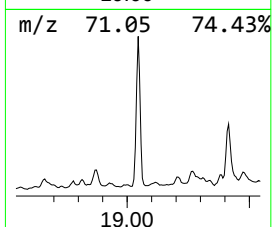
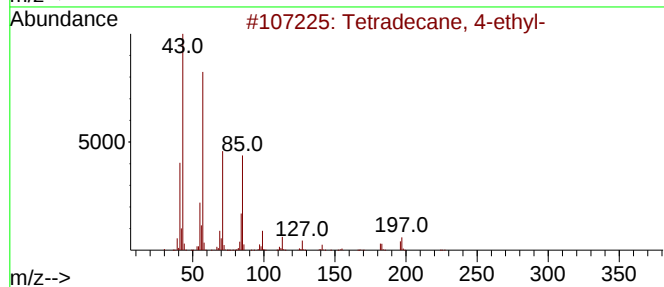
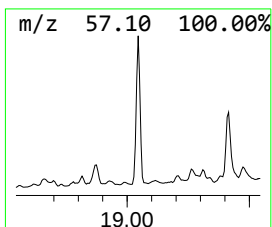
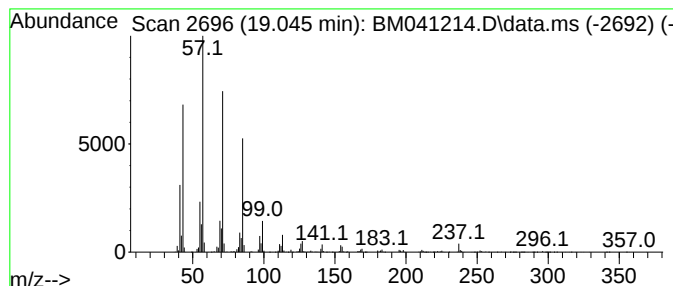
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetradecane, 4-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.045	22.24 ng	1860150	Phenanthrene-d10	17.221	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
4	Pentadecane	212	C15H32	000629-62-9	87
5	Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
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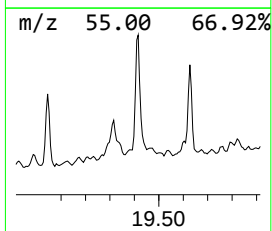
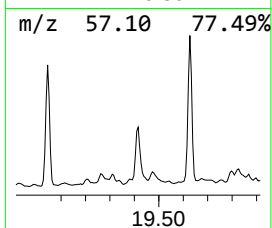
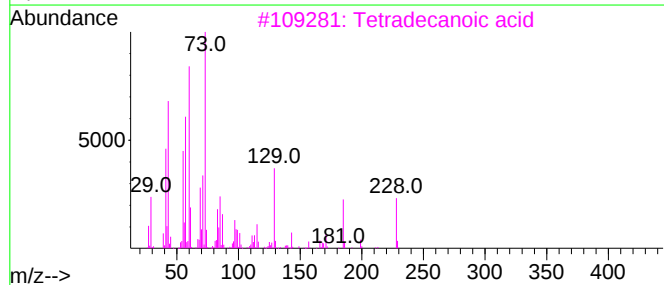
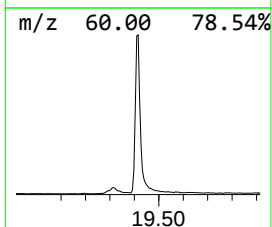
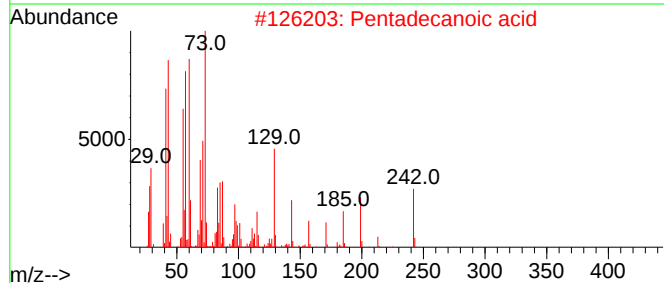
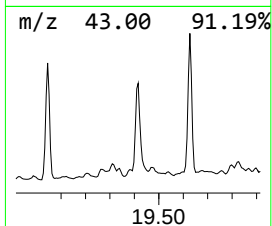
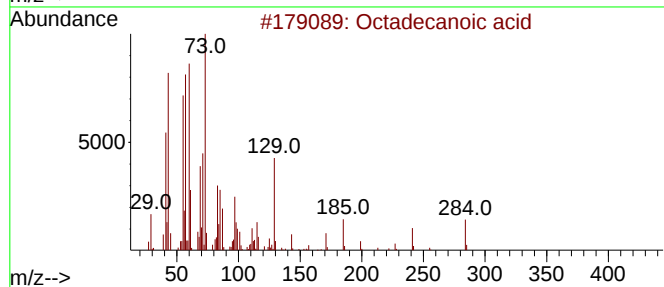
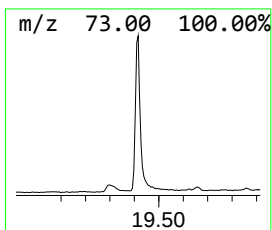
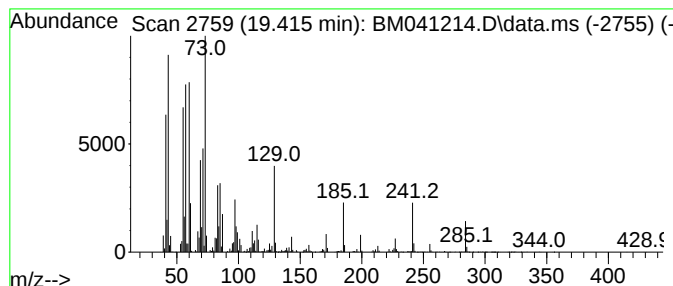
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.415	6.89 ng	2735220	Chrysene-d12	21.433	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Hexadecane	226	C16H34	000544-76-3	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
Data File : BM041214.D
Acq On : 01 Aug 2023 07:33
Operator : MA/JU
Sample : 03645-06
Misc :
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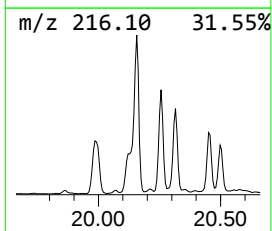
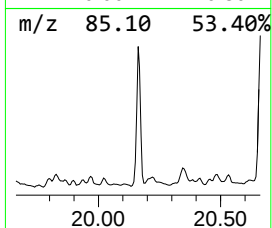
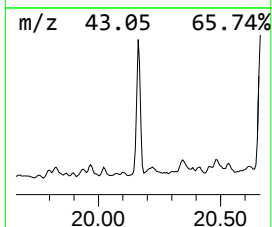
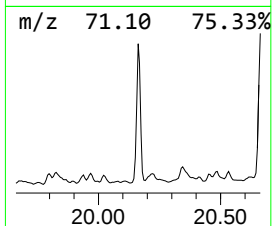
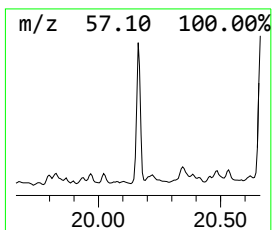
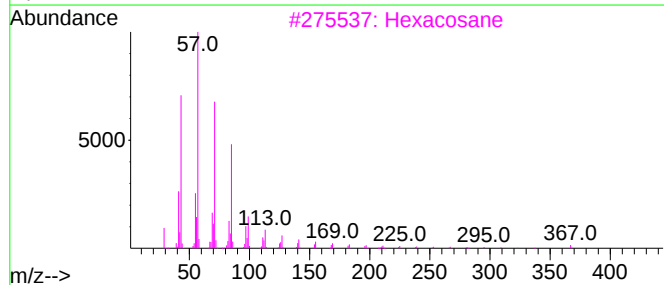
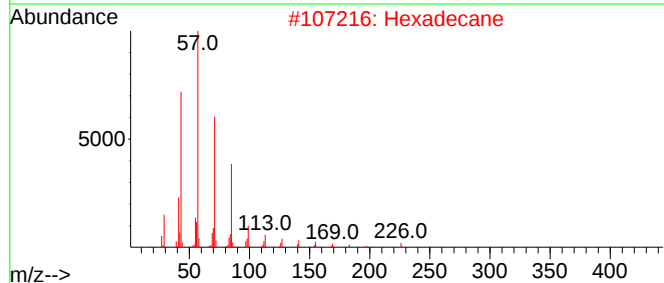
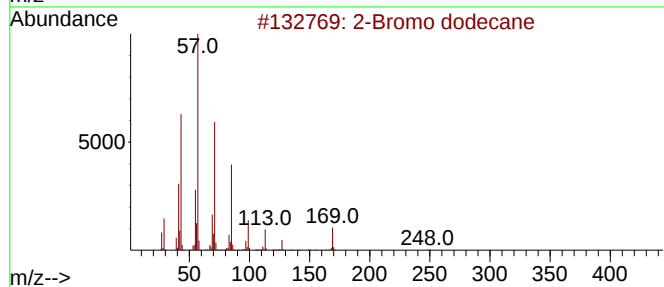
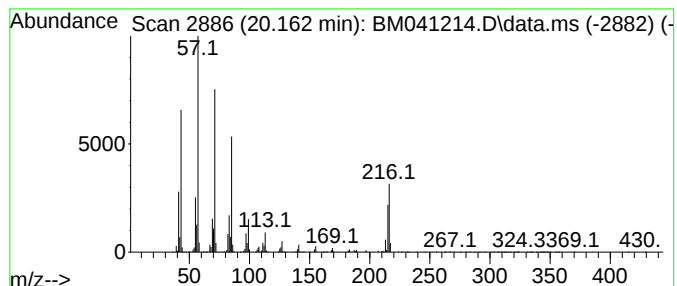
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2-Bromo dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.162	8.97 ng	3559580	Chrysene-d12	21.433

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromo dodecane	248	C12H25Br	013187-99-0	89
2		Hexadecane	226	C16H34	000544-76-3	68
3		Hexacosane	366	C26H54	000630-01-3	68
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
Data File : BM041214.D
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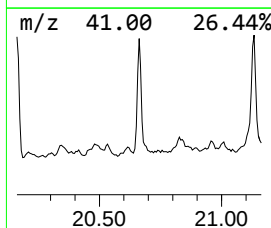
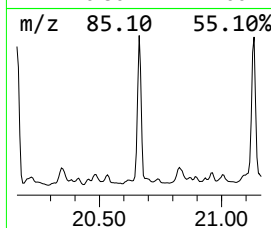
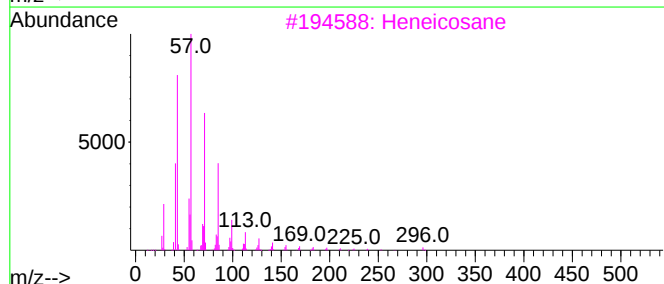
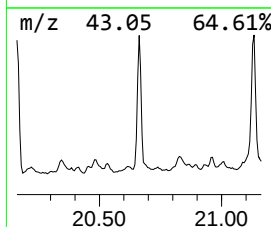
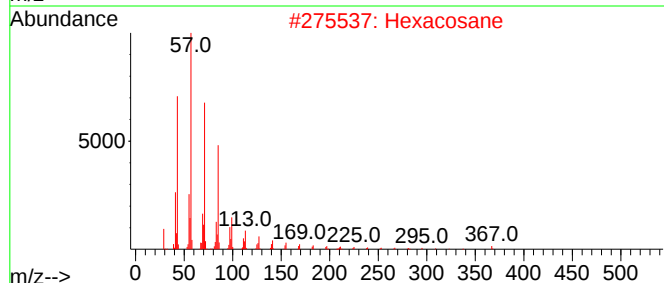
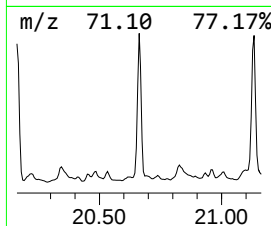
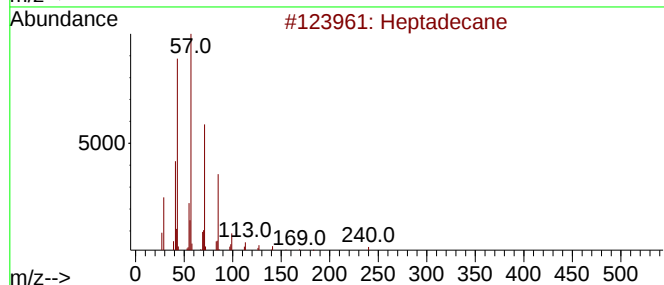
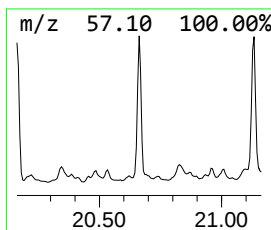
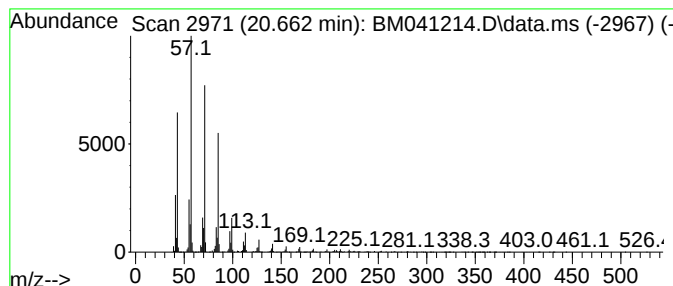
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.662	6.80 ng	2700350	Chrysene-d12	21.433

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	94
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
Data File : BM041214.D
Acq On : 01 Aug 2023 07:33
Operator : MA/JU
Sample : 03645-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

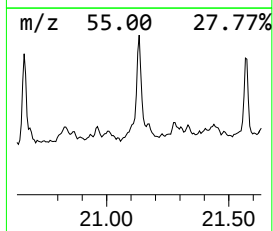
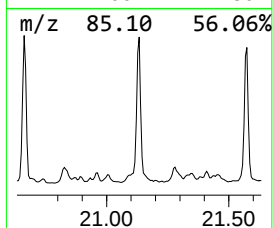
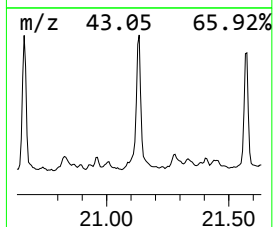
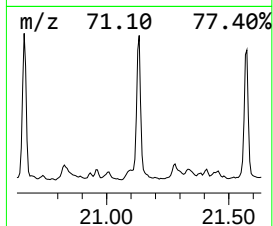
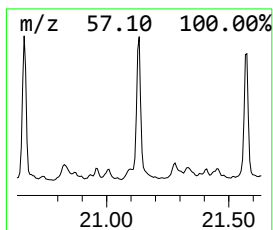
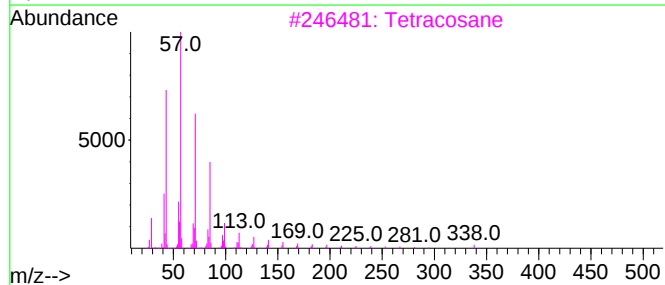
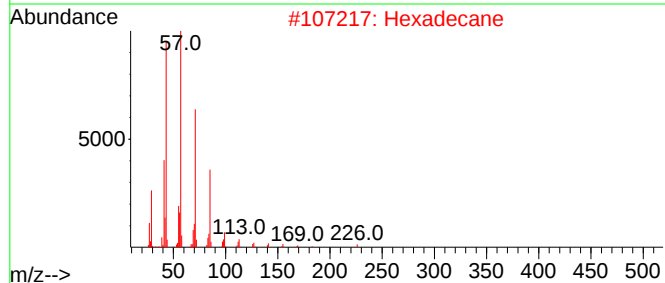
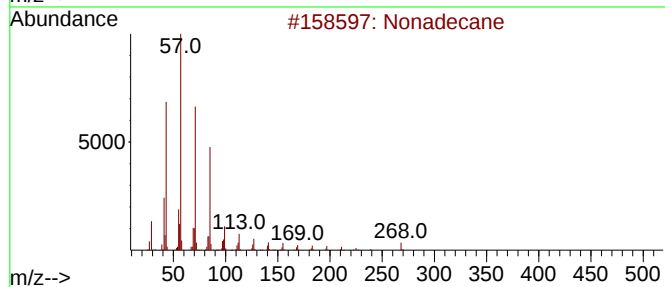
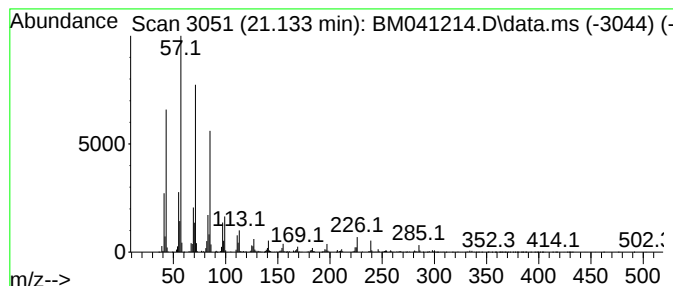
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ClientSampleId :
SB-10-(0.5-2.0)

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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 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.133	13.25 ng	5259330	Chrysene-d12		21.433	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	95
2	Hexadecane		226	C16H34	000544-76-3	94
3	Tetracosane		338	C24H50	000646-31-1	93
4	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	90
5	Hexacosane		366	C26H54	000630-01-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
Data File : BM041214.D
Acq On : 01 Aug 2023 07:33
Operator : MA/JU
Sample : 03645-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

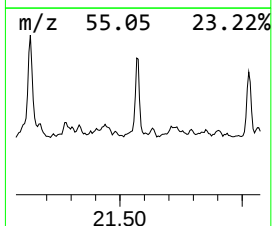
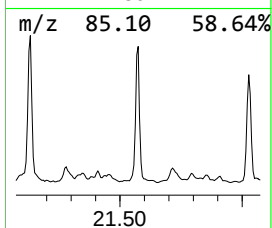
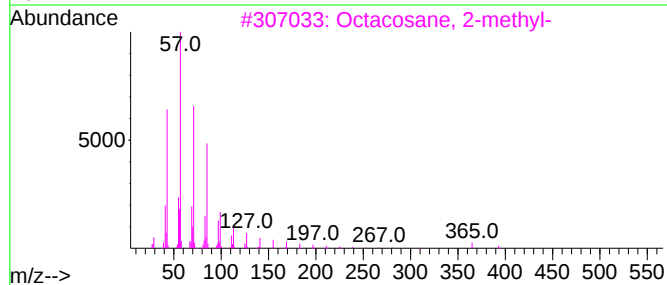
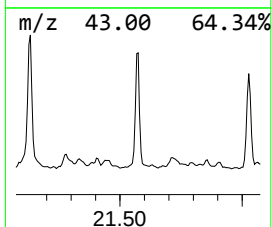
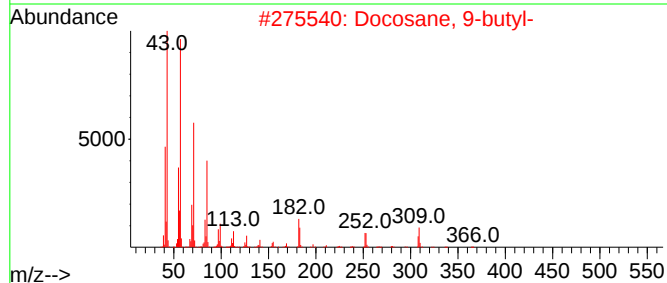
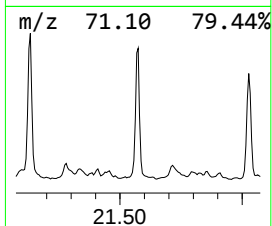
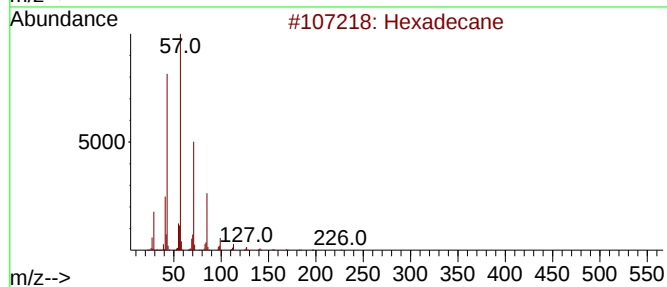
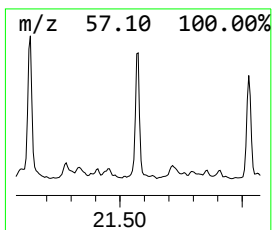
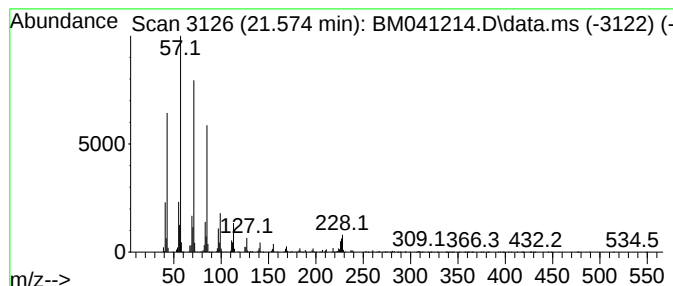
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ClientSampleId :
SB-10-(0.5-2.0)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Docosane, 9-butyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.574	6.76 ng	2681120	Chrysene-d12	21.433	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Docosane, 9-butyl-	366	C26H54	055282-14-9	90
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
4	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
Data File : BM041214.D
Acq On : 01 Aug 2023 07:33
Operator : MA/JU
Sample : 03645-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

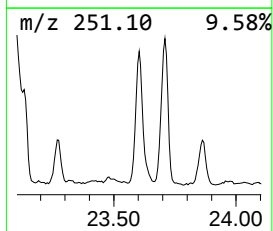
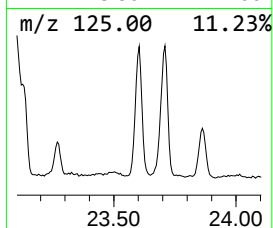
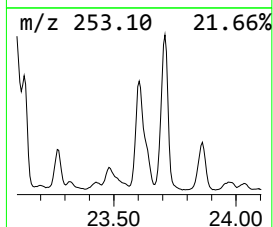
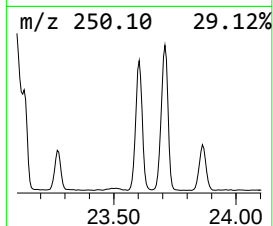
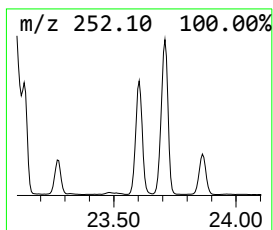
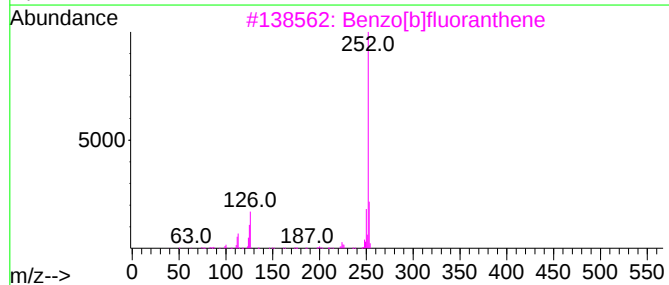
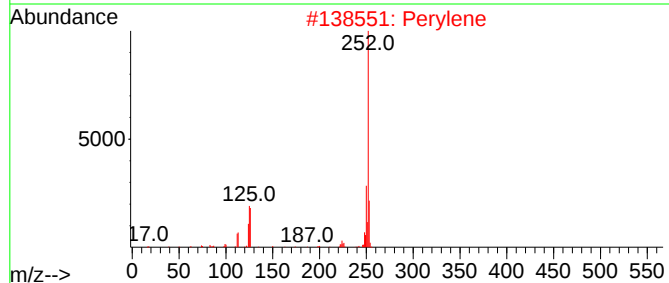
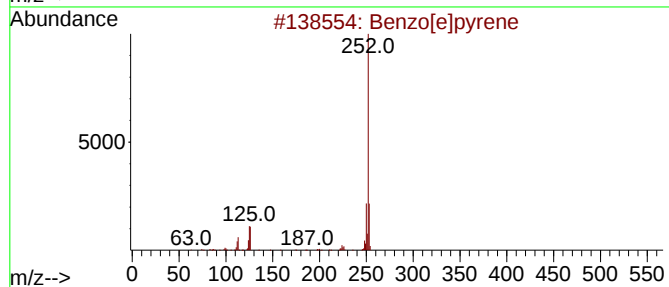
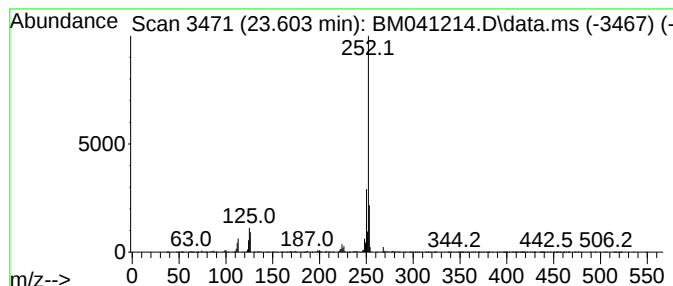
Instrument :
BNA_M
ClientSampleId :
SB-10-(0.5-2.0)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.603	12.98 ng	2942590	Perylene-d12	23.809	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
Data File : BM041214.D
Acq On : 01 Aug 2023 07:33
Operator : MA/JU
Sample : 03645-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-10-(0.5-2.0)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.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
Benzene, 1,3-di...	5.422	7.3	ng	358149	1	7.798	978819	20.0
Tridecane	12.016	7.7	ng	469278	2	10.604	1216910	20.0
Tetradecane	13.269	8.6	ng	656866	3	14.463	1524420	20.0
Heptadecane	16.174	7.6	ng	638742	4	17.221	1672650	20.0
Tetradecane, 1-...	16.968	9.6	ng	804666	4	17.221	1672650	20.0
Hexadecane	17.710	11.0	ng	918552	4	17.221	1672650	20.0
Anthracene, 2-m...	18.104	7.4	ng	622101	4	17.221	1672650	20.0
n-Hexadecanoic ...	18.139	82.6	ng	6907080	4	17.221	1672650	20.0
4H-Cyclopenta[d...	18.298	15.8	ng	1323080	4	17.221	1672650	20.0
Phenanthrene, 1...	18.333	6.6	ng	554211	4	17.221	1672650	20.0
Tridecane, 7-pr...	18.410	17.8	ng	1490820	4	17.221	1672650	20.0
9H-Fluoren-9-one	18.657	9.6	ng	806414	4	17.221	1672650	20.0
4b,8-Dimethyl-2...	18.845	8.1	ng	673938	4	17.221	1672650	20.0
Tetradecane, 4-...	19.045	22.2	ng	1860150	4	17.221	1672650	20.0
Octadecanoic acid	19.415	6.9	ng	2735220	5	21.433	7937720	20.0
2-Bromo dodecane	20.162	9.0	ng	3559580	5	21.433	7937720	20.0
Hexacosane	20.662	6.8	ng	2700350	5	21.433	7937720	20.0
Nonadecane	21.133	13.3	ng	5259330	5	21.433	7937720	20.0
Docosane, 9-butyl-	21.574	6.8	ng	2681120	5	21.433	7937720	20.0
Benzo[e]pyrene	23.603	13.0	ng	2942590	6	23.809	4533270	20.0