

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041212.D
 Acq On : 01 Aug 2023 06:20
 Operator : MA/JU
 Sample : 03645-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-08-(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: BM041212.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	2450126	3405324	55.93%	7.820%
2	5.416	377	379	388	rVB	40071	67408	1.11%	0.155%
3	5.792	436	443	448	rVB2	52713	80175	1.32%	0.184%
4	6.981	638	645	661	rVB	2241870	3455563	56.75%	7.935%
5	7.798	778	784	793	rVB	601888	911868	14.98%	2.094%
6	8.975	976	984	1000	rBV	1346270	2232484	36.66%	5.127%
7	10.604	1255	1261	1266	rBV	719949	1161715	19.08%	2.668%
8	10.651	1266	1269	1275	rVB	63932	106582	1.75%	0.245%
9	12.274	1539	1545	1551	rVB2	83812	135780	2.23%	0.312%
10	12.492	1576	1582	1590	rVB	67313	103829	1.71%	0.238%
11	13.080	1670	1682	1695	rBV	3251817	4537446	74.52%	10.420%
12	13.780	1795	1801	1806	rBV	46928	81416	1.34%	0.187%
13	13.833	1806	1810	1818	rVB	41299	67617	1.11%	0.155%
14	13.927	1820	1826	1831	rBV	140089	195686	3.21%	0.449%
15	14.186	1864	1870	1877	rVB	65509	97382	1.60%	0.224%
16	14.463	1906	1917	1923	rBV	1057731	1539012	25.28%	3.534%
17	14.527	1923	1928	1936	rVB3	34268	68983	1.13%	0.158%
18	14.862	1979	1985	1993	rBV2	45265	77825	1.28%	0.179%
19	15.510	2090	2095	2099	rBV3	45830	82745	1.36%	0.190%
20	15.962	2163	2172	2184	rBV	2861492	3947343	64.83%	9.065%
21	16.192	2203	2211	2217	rBV2	76514	156242	2.57%	0.359%
22	16.886	2324	2329	2334	rBV3	39730	72461	1.19%	0.166%
23	16.968	2336	2343	2346	rBV2	70867	119679	1.97%	0.275%
24	17.221	2380	2386	2390	rBV	1322639	1833162	30.11%	4.210%
25	17.262	2390	2393	2399	rVV	645860	853116	14.01%	1.959%
26	17.351	2403	2408	2413	rVB	132635	204846	3.36%	0.470%
27	17.639	2453	2457	2464	rVB	54401	81714	1.34%	0.188%
28	18.062	2525	2529	2532	rBV2	102190	145180	2.38%	0.333%
29	18.121	2532	2539	2543	rBV	518554	810955	13.32%	1.862%
30	18.292	2564	2568	2573	rBV2	121398	225933	3.71%	0.519%
31	18.333	2573	2575	2582	rVB	82878	102987	1.69%	0.237%
32	18.409	2584	2588	2593	rBV3	62063	94025	1.54%	0.216%
33	18.603	2618	2621	2625	rBV	71010	87082	1.43%	0.200%
34	18.656	2627	2630	2635	rVB	55711	77887	1.28%	0.179%
35	19.039	2689	2695	2698	rBV2	89079	195164	3.21%	0.448%
36	19.286	2733	2737	2743	rVB	1290589	1701270	27.94%	3.907%

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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

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

37	19.403	2754	2757	2761	rBV2	127284	152643	2.51%	0.351%
38	19.621	2790	2794	2796	rBV3	254587	345496	5.67%	0.793%
39	19.650	2796	2799	2808	rVB	1044234	1414255	23.23%	3.248%
40	19.856	2829	2834	2839	rBV	4999654	6088962	100.00%	13.983%
41	21.133	3048	3051	3060	rVB4	361836	637039	10.46%	1.463%
42	21.421	3094	3100	3104	rBV2	1786776	3106253	51.01%	7.133%
43	21.462	3104	3107	3112	rVB	748971	894699	14.69%	2.055%
44	23.791	3498	3503	3509	rVB	993613	1788697	29.38%	4.108%

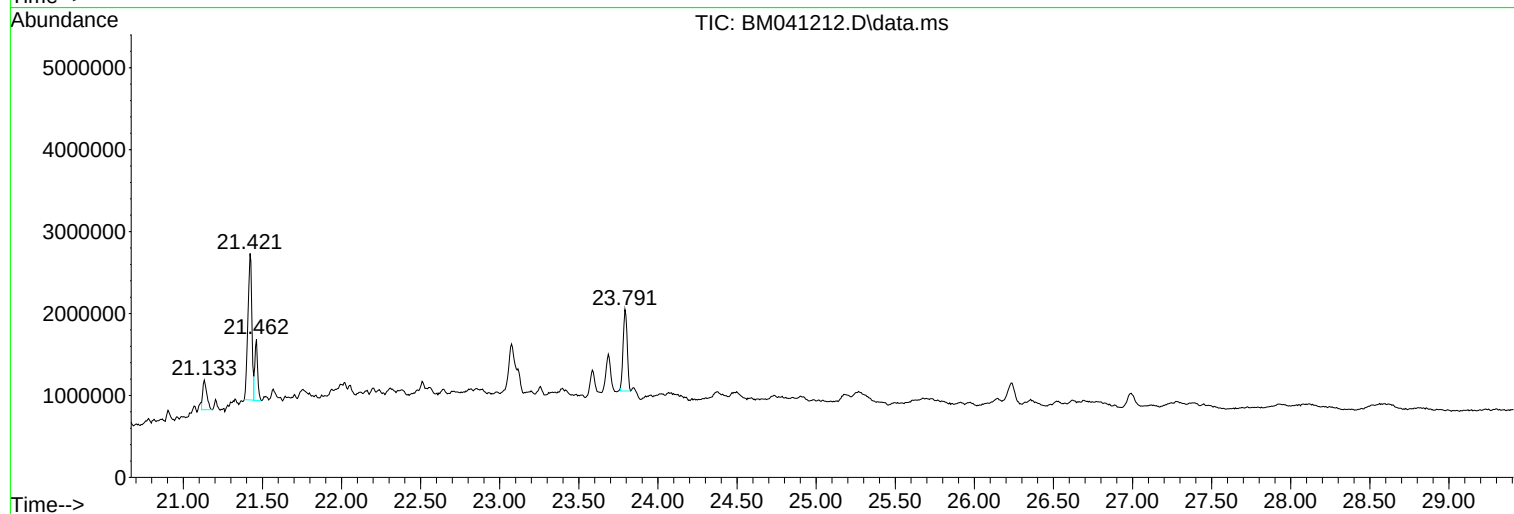
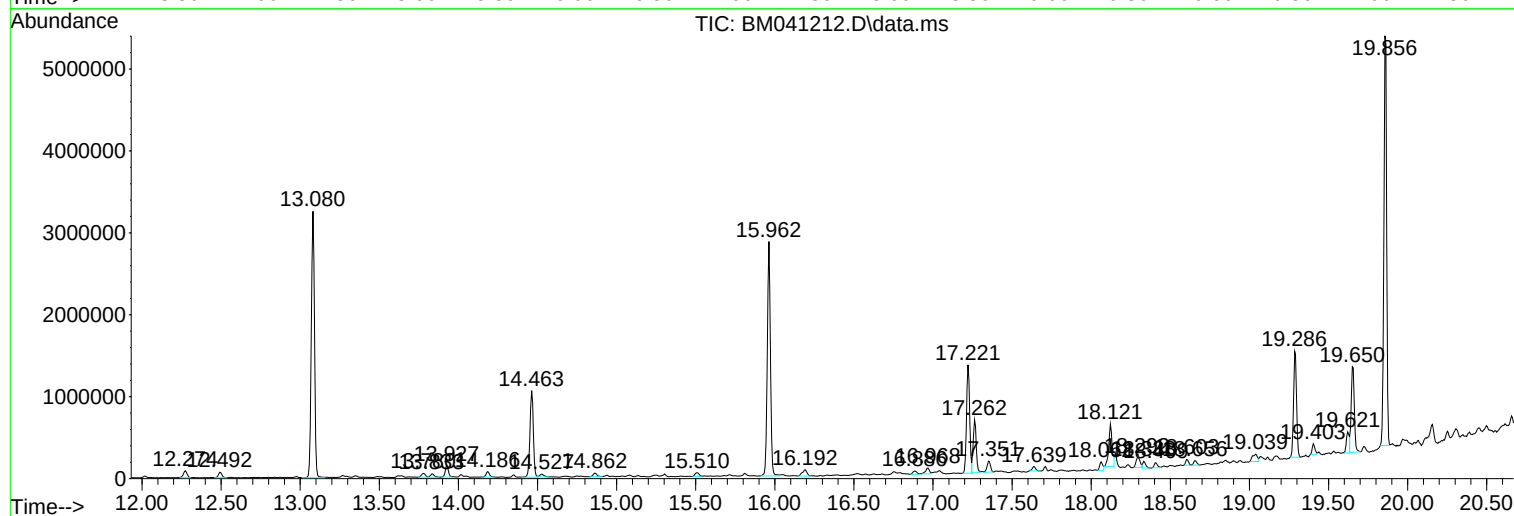
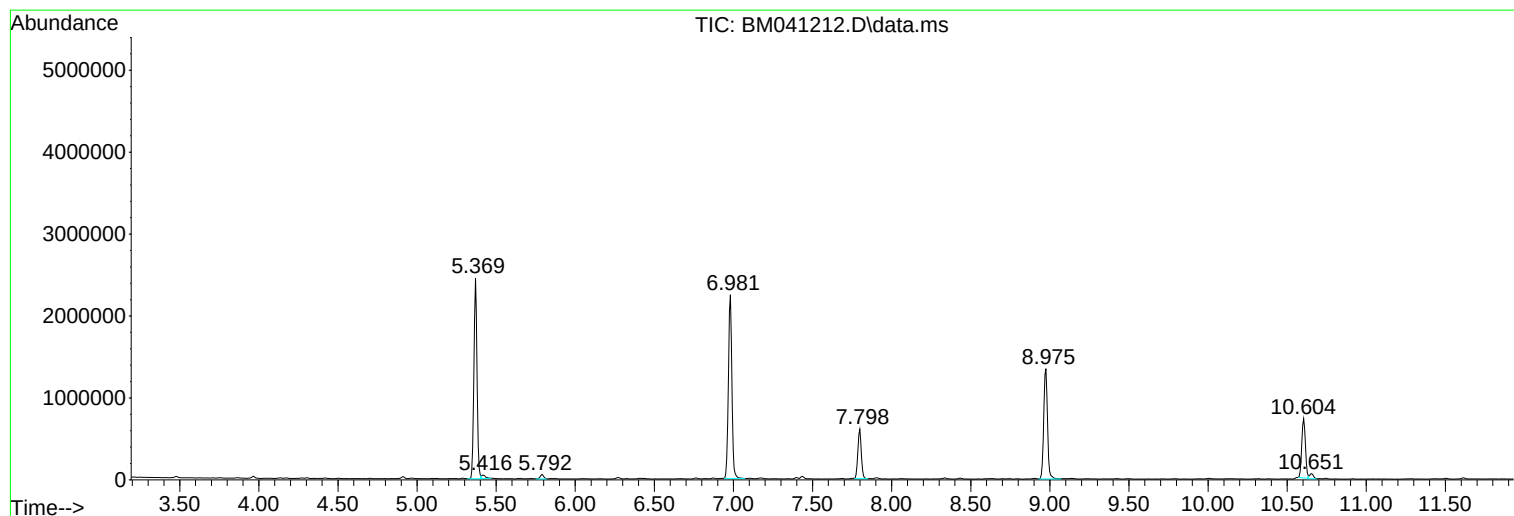
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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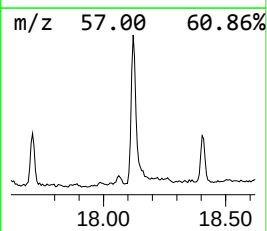
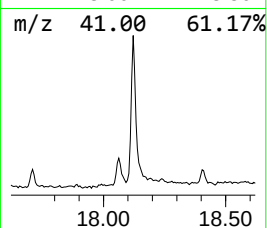
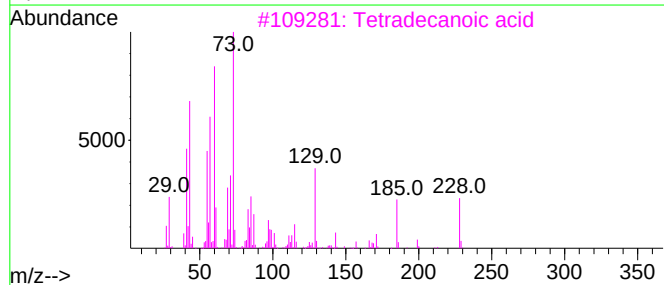
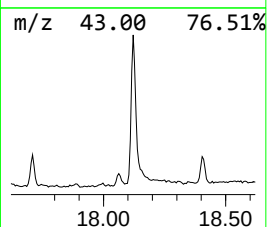
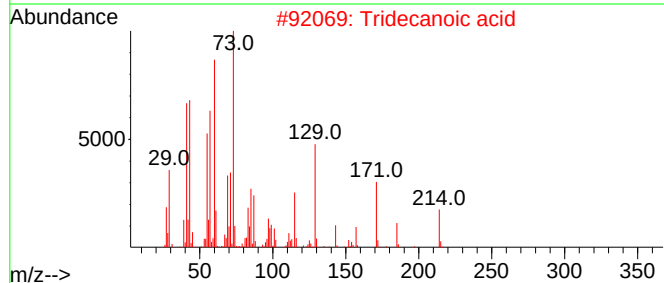
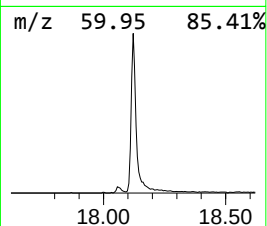
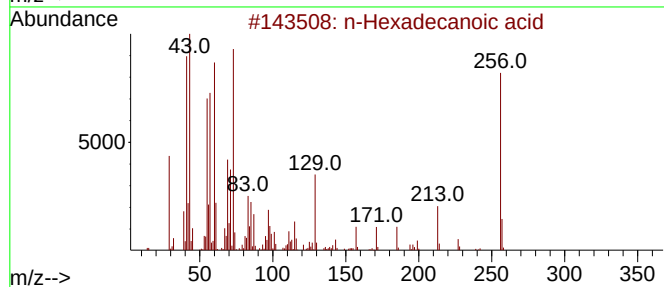
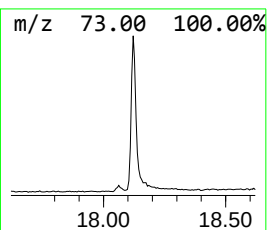
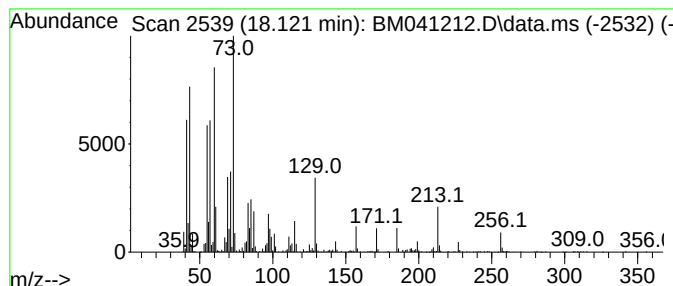
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	8.85 ng	810955	Phenanthrene-d10	17.221

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	96
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5			Octadecanoic acid	284	C18H36O2	000057-11-4	76



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Instrument :
BNA_M
ClientSampleId :
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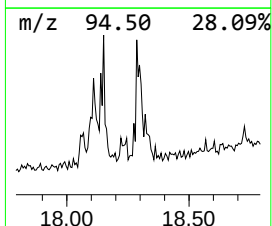
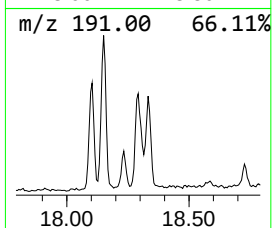
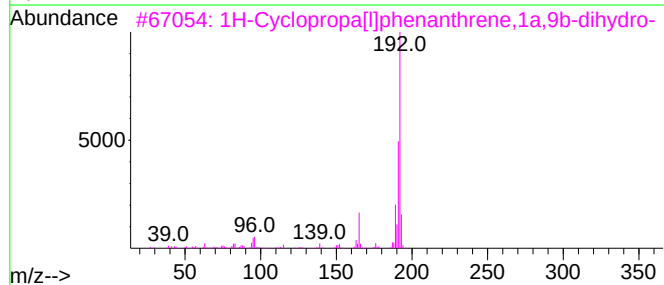
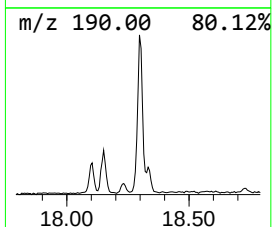
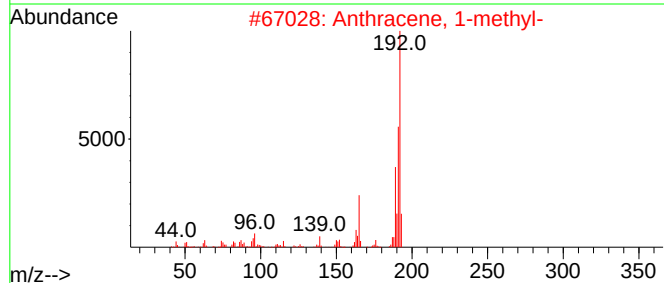
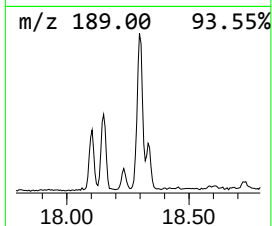
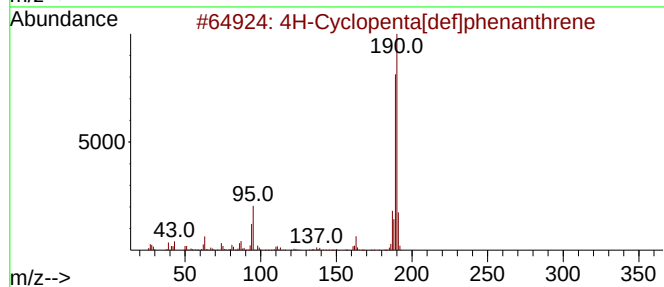
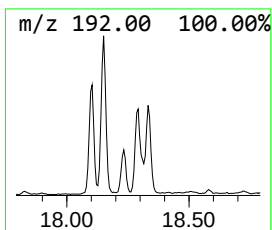
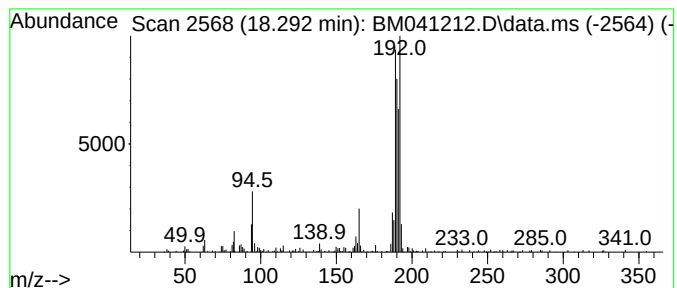
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown18.292 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	2.46 ng	225933	Phenanthrene-d10	17.221

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	42
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42



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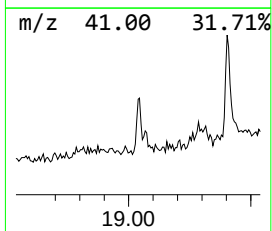
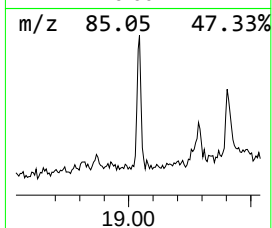
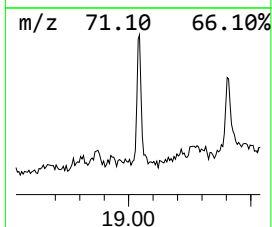
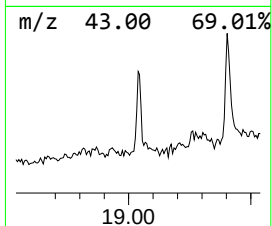
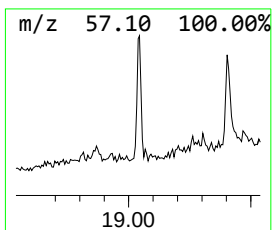
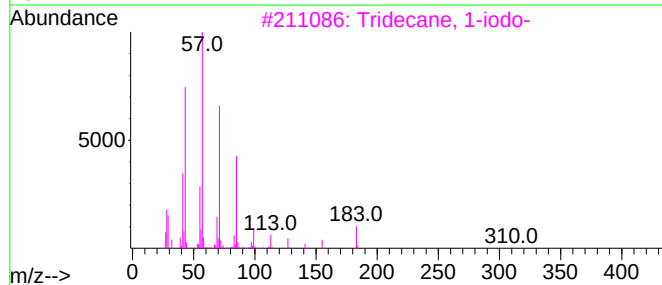
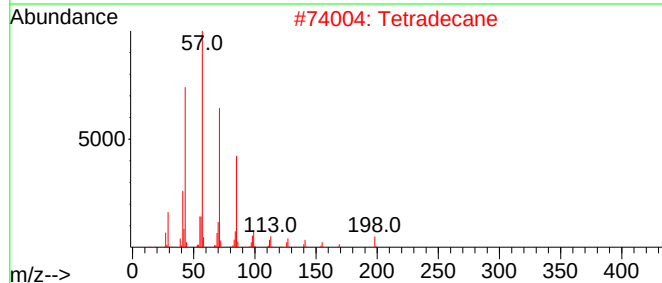
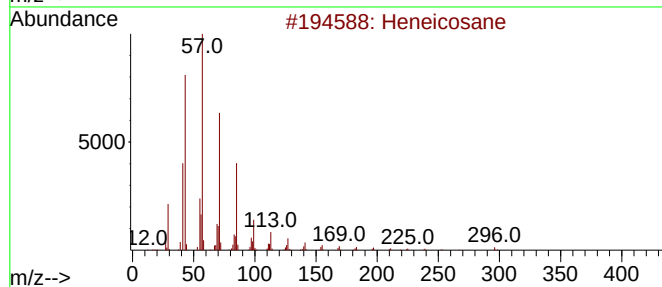
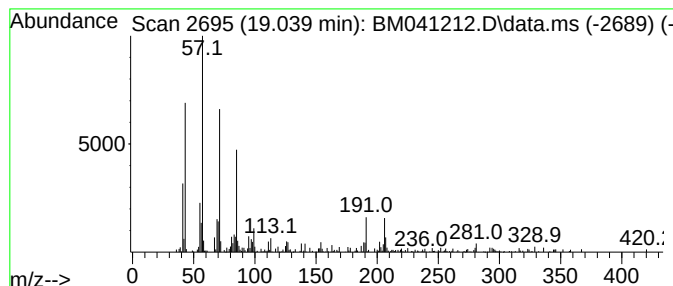
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.039	2.13 ng	195164	Phenanthrene-d10	17.221

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	95
2			Tetradecane	198	C14H30	000629-59-4	93
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
4			Pentacosane	352	C25H52	000629-99-2	89
5			Octacosane	394	C28H58	000630-02-4	76



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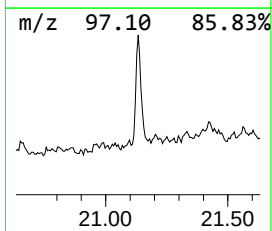
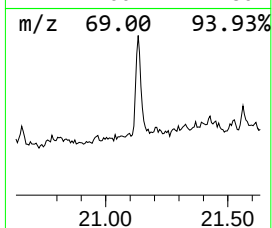
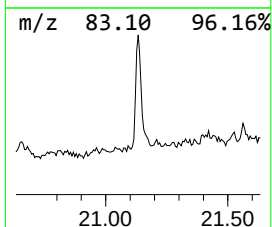
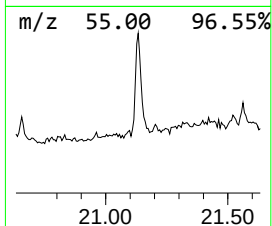
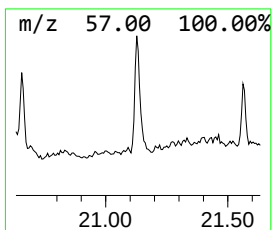
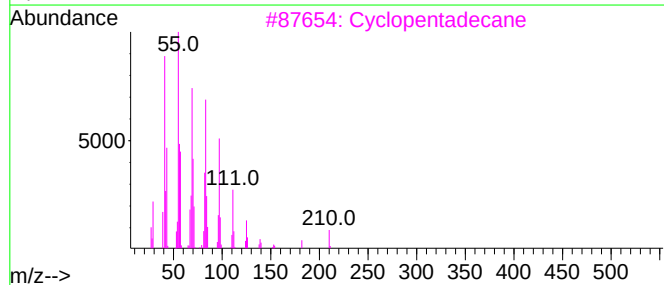
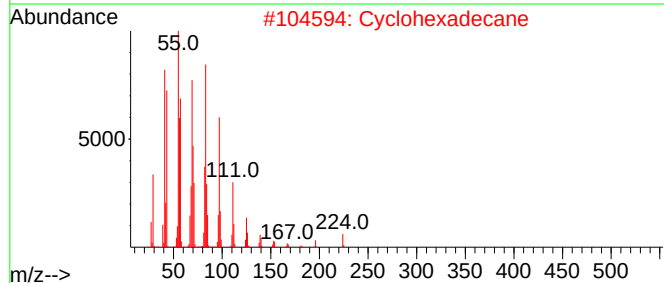
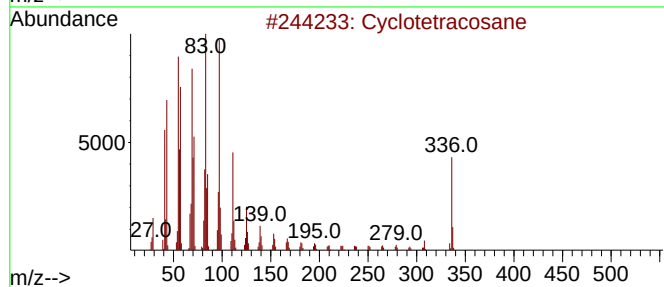
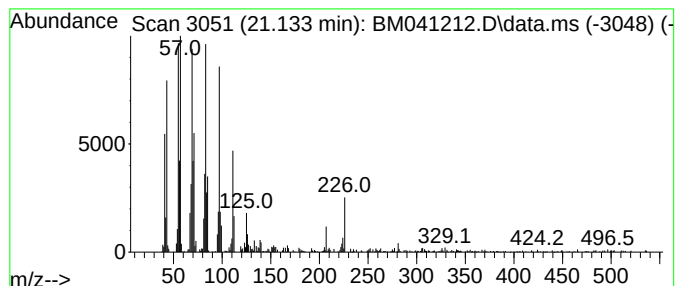
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclotetracosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	4.10 ng	637039	Chrysene-d12	21.421

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetracosane	336	C24H48	000297-03-0	98
2			Cyclohexadecane	224	C16H32	000295-65-8	94
3			Cyclopentadecane	210	C15H30	000295-48-7	94
4			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5			Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.121	8.8	ng	810955	4	17.221	1833160	20.0
unknown18.292	18.292	2.5	ng	225933	4	17.221	1833160	20.0
Heneicosane	19.039	2.1	ng	195164	4	17.221	1833160	20.0
Cyclotetracosane	21.133	4.1	ng	637039	5	21.421	3106250	20.0