

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080223\
 Data File : BG058579.D
 Acq On : 2 Aug 2023 15:25
 Operator : MA/JU
 Sample : 03686-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-0-2-20230721

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_G\Methods\8270-BG072823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058579.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.385	384	391	409	rBV	708133	1119524	45.60%	7.744%
2	6.983	655	663	678	rBV	680505	1177845	47.98%	8.147%
3	7.812	798	804	811	rVV	181372	299121	12.18%	2.069%
4	8.975	994	1002	1017	rBV	405316	732875	29.85%	5.069%
5	10.614	1269	1281	1292	rBV	247790	455540	18.56%	3.151%
6	13.076	1693	1700	1711	rBV	1051344	1655311	67.43%	11.450%
7	13.910	1836	1842	1852	rBV	148870	221858	9.04%	1.535%
8	14.457	1928	1935	1944	rBV	407952	653521	26.62%	4.520%
9	15.949	2182	2189	2203	rBV	907985	1371847	55.88%	9.489%
10	17.207	2396	2403	2407	rBV	512929	793625	32.33%	5.490%
11	17.248	2407	2410	2419	rVV	52822	92360	3.76%	0.639%
12	17.324	2419	2423	2430	rVB2	23790	38987	1.59%	0.270%
13	17.688	2482	2485	2491	rVB2	21950	26140	1.06%	0.181%
14	18.094	2548	2554	2571	rBV5	125235	250265	10.19%	1.731%
15	18.999	2700	2708	2709	rBV4	14661	25071	1.02%	0.173%
16	19.263	2745	2753	2759	rBV	92099	135175	5.51%	0.935%
17	19.375	2767	2772	2777	rBV4	27912	50094	2.04%	0.347%
18	19.592	2805	2809	2811	rBV4	19668	25997	1.06%	0.180%
19	19.621	2811	2814	2822	rVB	80752	118068	4.81%	0.817%
20	19.827	2842	2849	2859	rBV	1783540	2454838	100.00%	16.980%
21	20.121	2895	2899	2903	rVB2	24532	32140	1.31%	0.222%
22	20.620	2980	2984	2988	rBV	33629	39793	1.62%	0.275%
23	21.102	3060	3066	3069	rBV2	53773	92301	3.76%	0.638%
24	21.443	3117	3124	3130	rBV2	525711	892346	36.35%	6.172%
25	21.619	3150	3154	3161	rVB	63010	85937	3.50%	0.594%
26	22.195	3248	3252	3260	rBV	65518	102117	4.16%	0.706%
27	22.853	3358	3364	3372	rVB2	57900	106915	4.36%	0.740%
28	23.534	3476	3480	3486	rBV3	22374	58967	2.40%	0.408%
29	23.605	3487	3492	3500	rVB	68011	135491	5.52%	0.937%
30	24.222	3595	3597	3607	rVB4	17117	38584	1.57%	0.267%
31	24.369	3616	3622	3630	rVB2	20245	53819	2.19%	0.372%
32	24.510	3636	3646	3663	rBV	353218	1035429	42.18%	7.162%
33	25.561	3818	3825	3833	rVB5	30171	85051	3.46%	0.588%

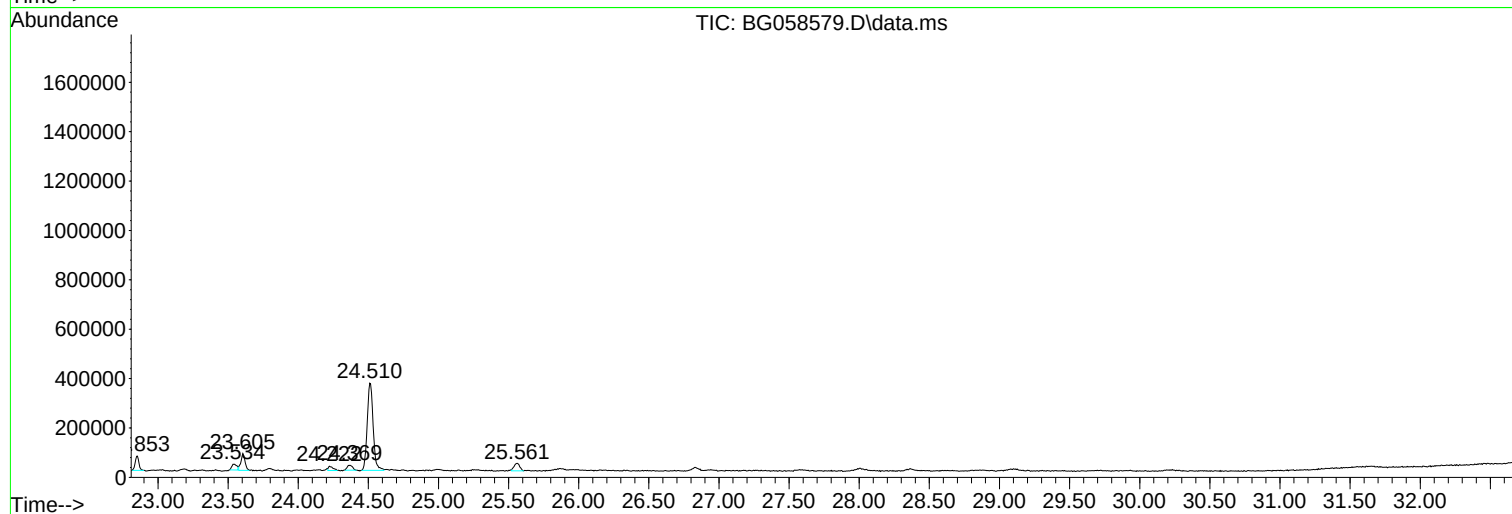
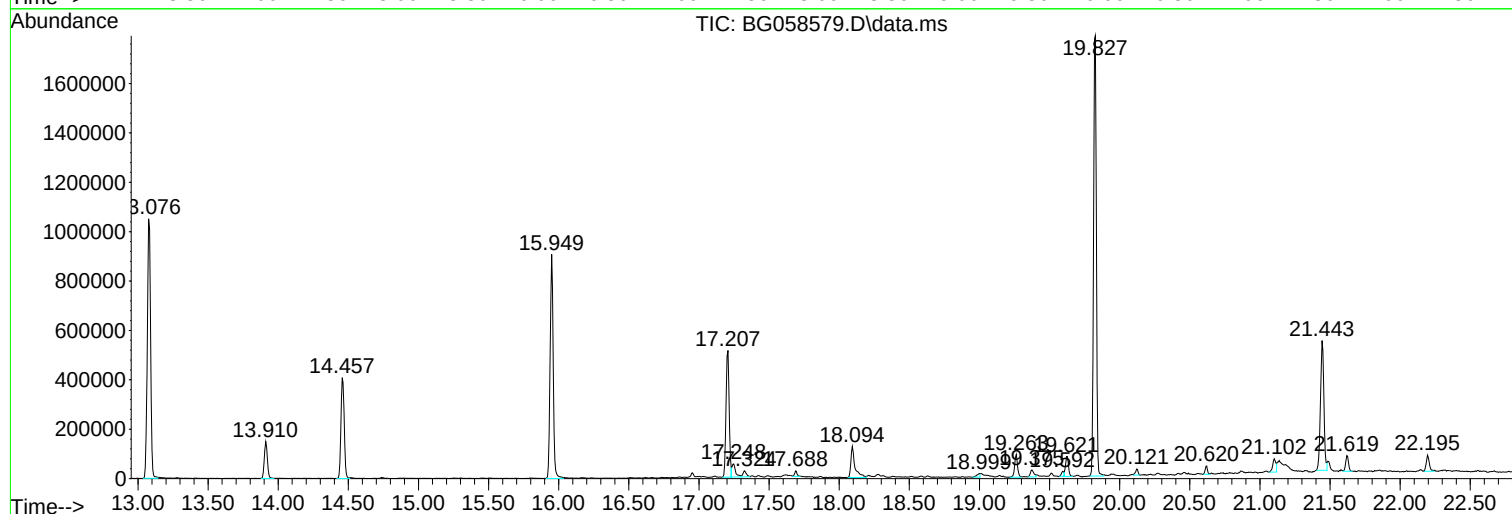
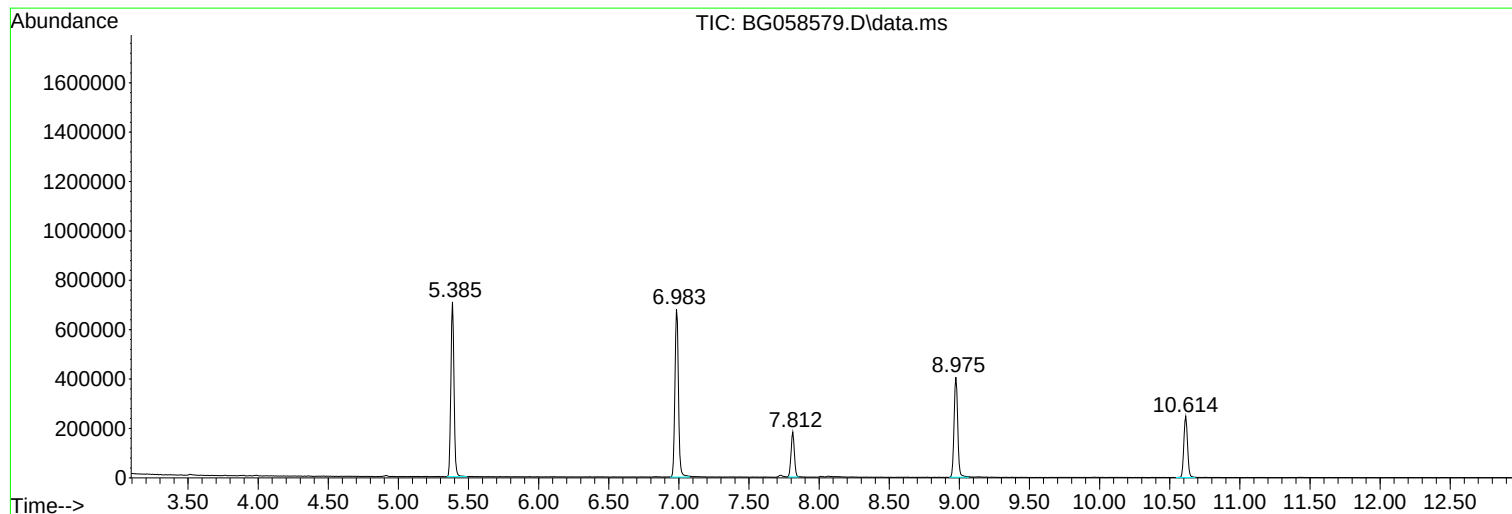
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ClientSampleId :
SB-22-0-2-20230721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.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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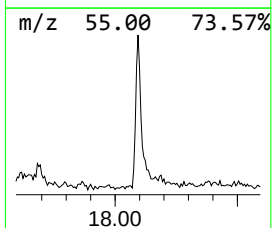
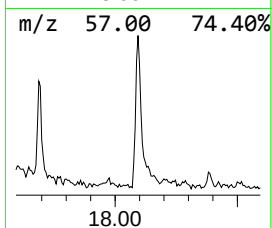
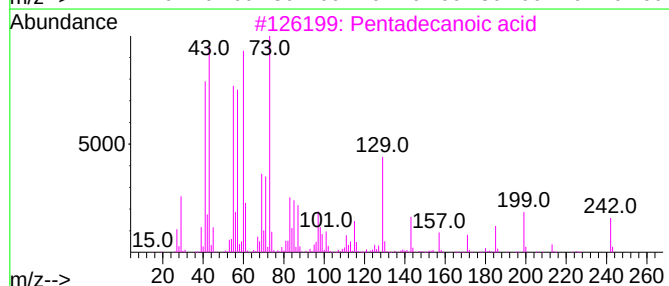
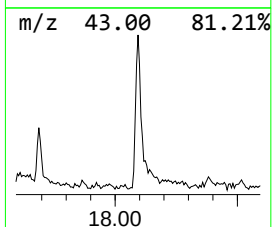
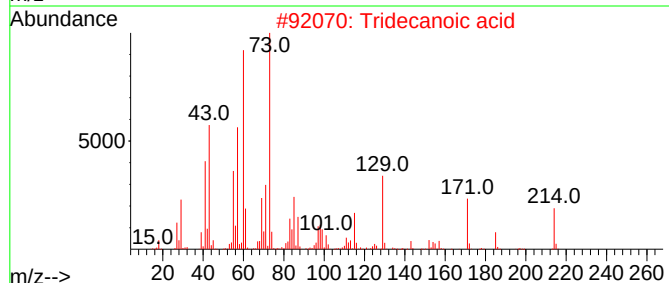
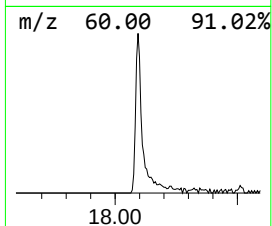
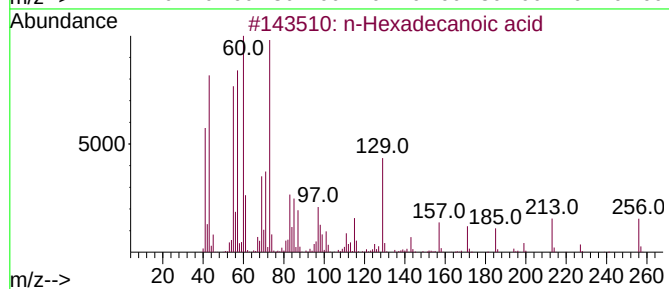
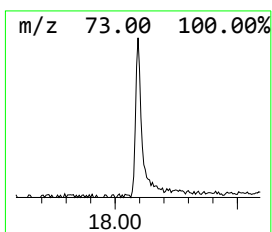
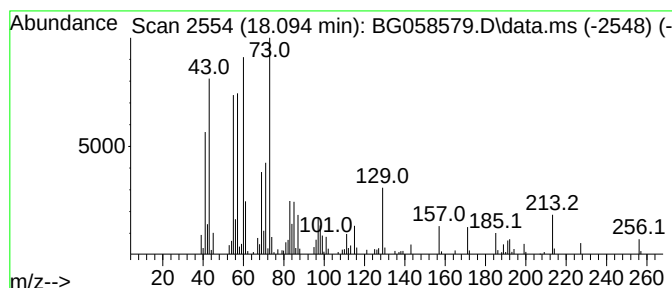
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.094	6.31 ng	250265	Phenanthrene-d10	17.207

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	76
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			Dodecanoic acid	200	C12H24O2	000143-07-7	58



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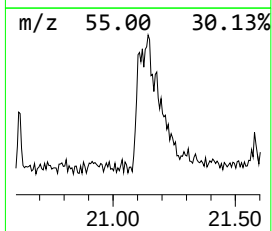
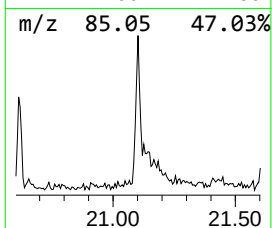
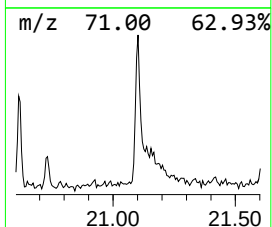
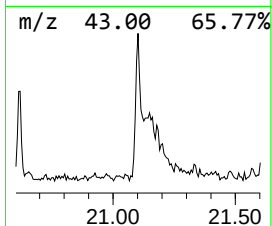
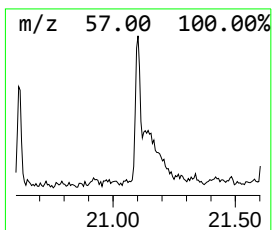
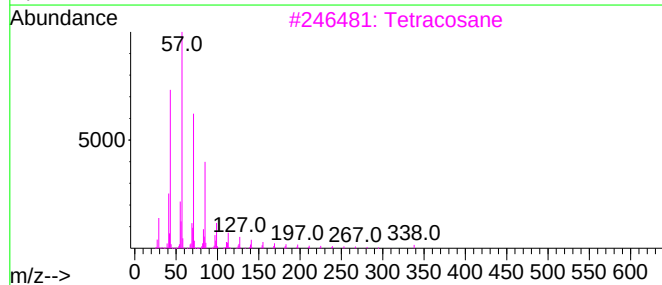
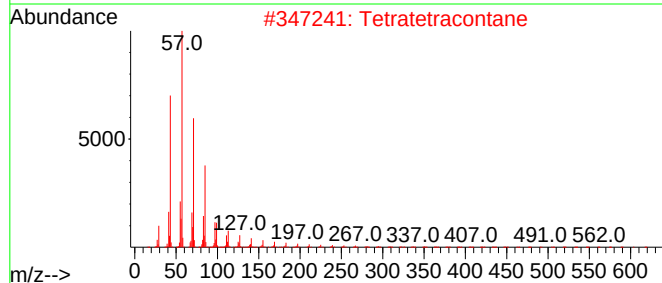
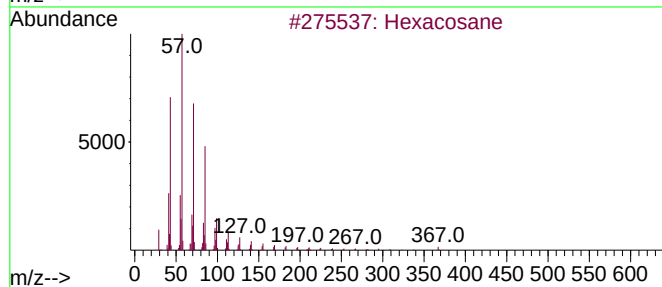
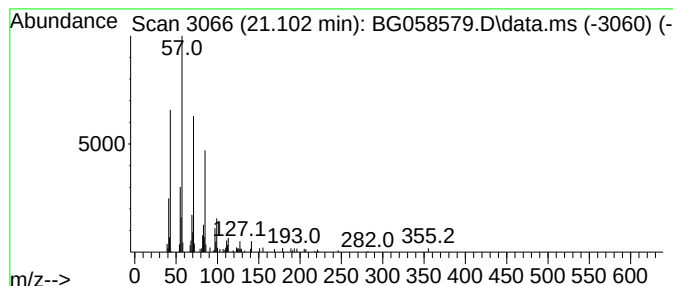
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 2 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.102	2.07 ng	92301	Chrysene-d12	21.443

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Tetratetracontane	619	C44H90	007098-22-8	91
3			Tetracosane	338	C24H50	000646-31-1	91
4			Octacosane	394	C28H58	000630-02-4	91
5			Pentadecane	212	C15H32	000629-62-9	87



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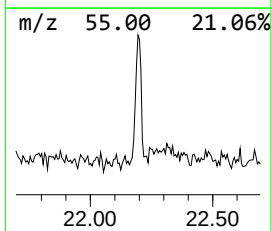
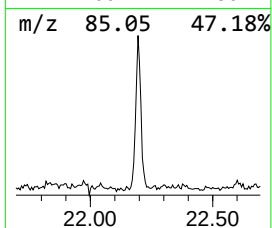
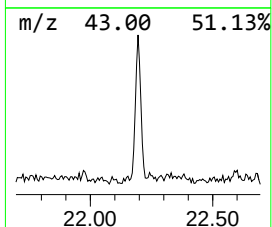
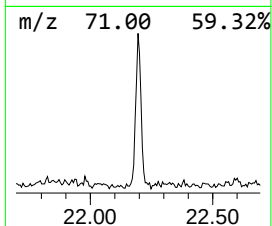
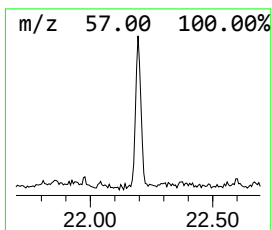
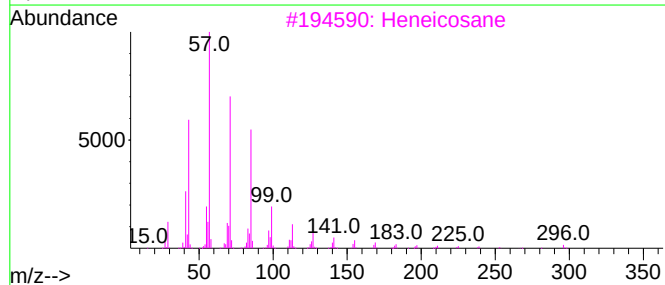
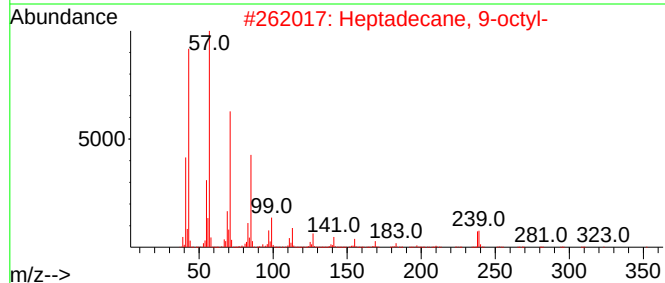
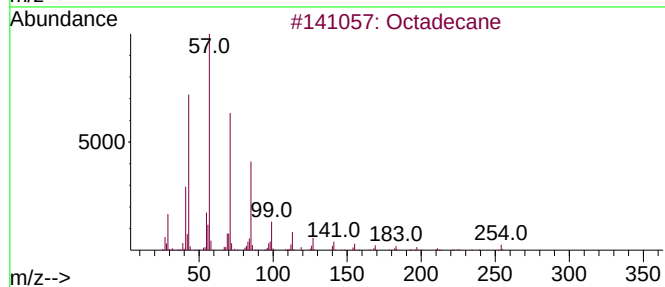
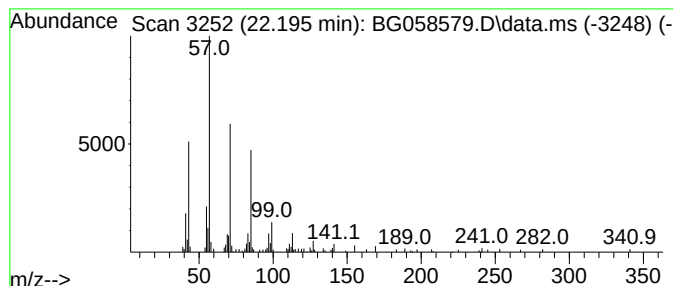
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.195	2.29 ng	102117	Chrysene-d12	21.443

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	87
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3			Heneicosane	296	C21H44	000629-94-7	87
4			Nonadecane	268	C19H40	000629-92-5	86
5			Heptacosane	380	C27H56	000593-49-7	76



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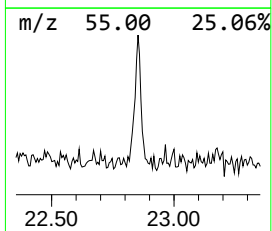
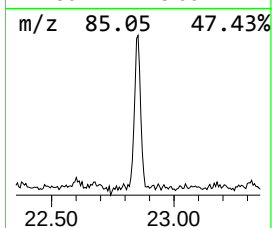
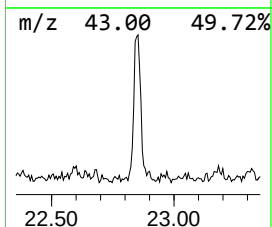
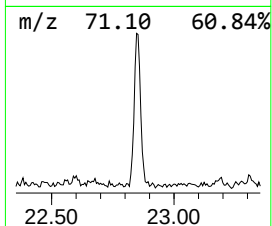
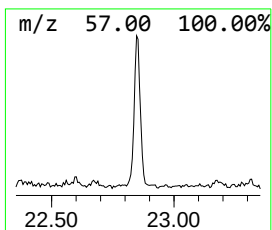
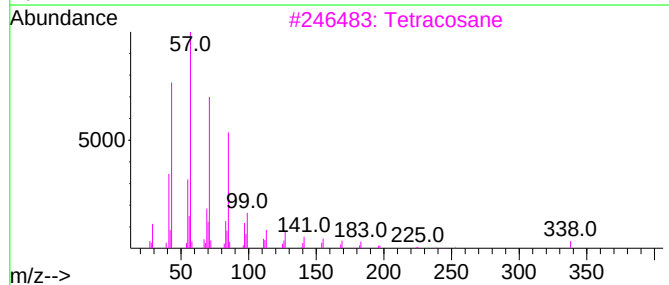
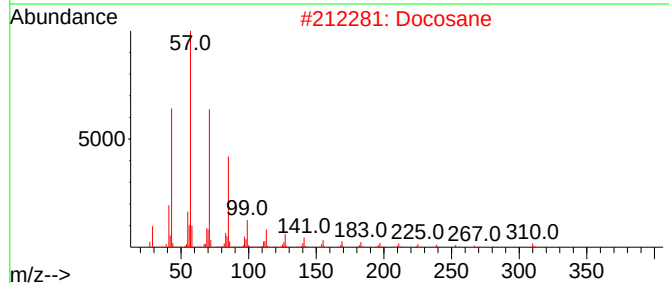
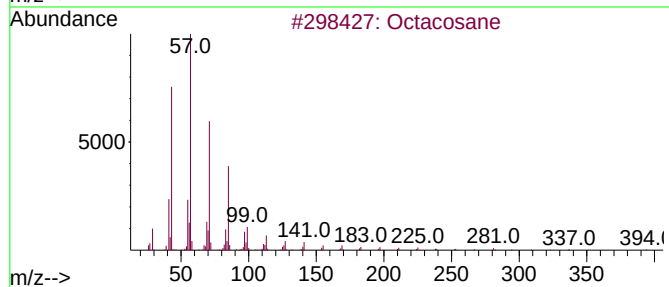
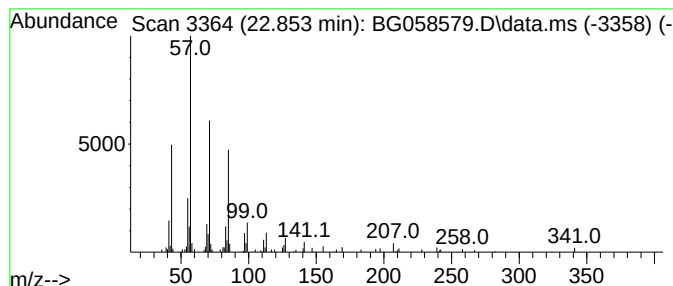
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.853	2.40 ng	106915	Chrysene-d12	21.443

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	90
2			Docosane	310	C22H46	000629-97-0	87
3			Tetracosane	338	C24H50	000646-31-1	87
4			Hentriacontane	437	C31H64	000630-04-6	87
5			Heneicosane	296	C21H44	000629-94-7	83



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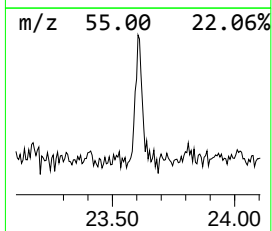
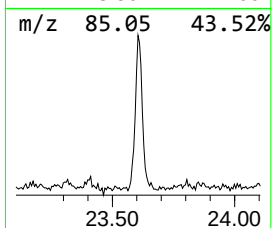
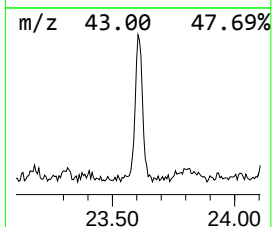
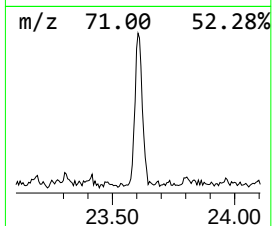
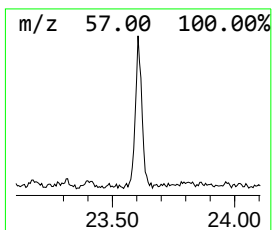
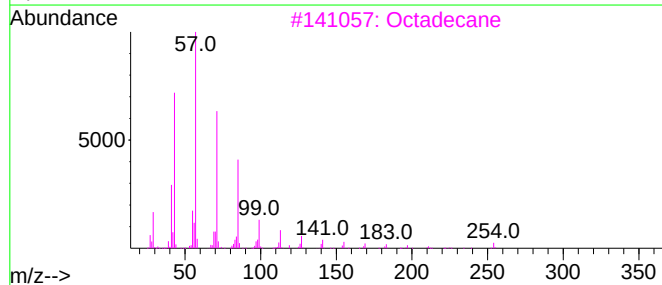
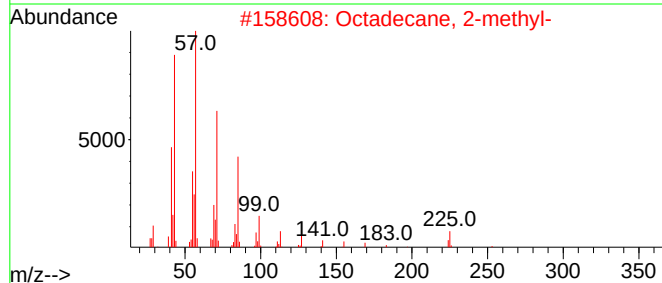
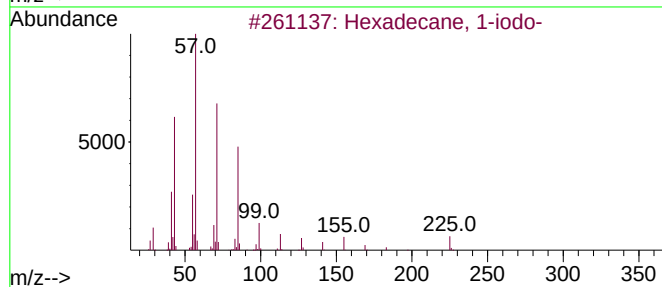
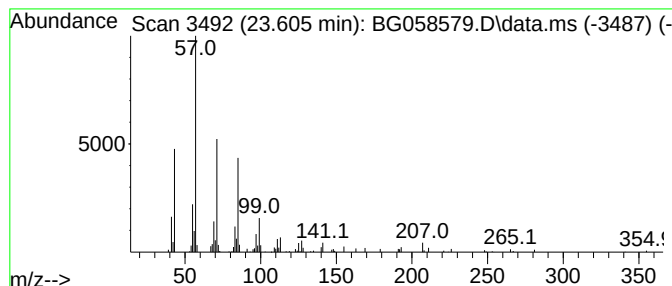
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.605	2.62 ng	135491	Perylene-d12	24.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
3			Octadecane	254	C18H38	000593-45-3	86
4			Hexadecane	226	C16H34	000544-76-3	70
5			Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	68



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TIC Library : C:\Database\NIST20.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.094	6.3	ng	250265	4	17.207	793625	20.0
Hexacosane	21.102	2.1	ng	92301	5	21.443	892346	20.0
Octadecane	22.195	2.3	ng	102117	5	21.443	892346	20.0
Octacosane	22.853	2.4	ng	106915	5	21.443	892346	20.0
Hexadecane, 1-i...	23.605	2.6	ng	135491	6	24.516	1035430	20.0