

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
 Data File : BG060754.D
 Acq On : 3 Apr 2024 2:12
 Operator : MA/JU
 Sample : P1900-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-1

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-BG032924.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060754.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.094	13	18	27	rBV7	19950	52310	1.40%	0.238%
2	3.176	27	32	47	rVB	334048	567050	15.20%	2.577%
3	3.688	114	119	128	rVB	31072	50161	1.34%	0.228%
4	5.538	426	434	448	rBV	1075286	1717835	46.05%	7.807%
5	7.119	694	703	713	rBV	1112403	1918163	51.42%	8.718%
6	7.959	835	846	852	rBV	292491	511144	13.70%	2.323%
7	9.111	1031	1042	1054	rBV	687368	1215520	32.59%	5.524%
8	10.750	1314	1321	1329	rBV	394618	713296	19.12%	3.242%
9	11.490	1442	1447	1453	rBV3	23752	41850	1.12%	0.190%
10	13.212	1733	1740	1748	rBV	1752461	2727106	73.11%	12.394%
11	14.504	1955	1960	1965	rVB2	26575	37866	1.02%	0.172%
12	14.581	1965	1973	1982	rBV	647817	1036320	27.78%	4.710%
13	15.456	2118	2122	2126	rVB	37702	48052	1.29%	0.218%
14	15.867	2186	2192	2197	rBV2	19407	39287	1.05%	0.179%
15	16.067	2220	2226	2233	rBV	1361572	2117712	56.77%	9.624%
16	16.320	2264	2269	2272	rBV2	57788	83337	2.23%	0.379%
17	17.113	2400	2404	2409	rVB	44540	62397	1.67%	0.284%
18	17.330	2435	2441	2446	rBV	815882	1199026	32.14%	5.449%
19	17.859	2527	2531	2534	rBV	48539	67236	1.80%	0.306%
20	18.036	2557	2561	2564	rBV4	28359	40946	1.10%	0.186%
21	18.241	2592	2596	2604	rBV	285038	410817	11.01%	1.867%
22	18.547	2645	2648	2652	rBV	38088	49677	1.33%	0.226%
23	19.181	2753	2756	2759	rBV2	49186	57095	1.53%	0.259%
24	19.387	2786	2791	2798	rBV	114317	245423	6.58%	1.115%
25	19.516	2810	2813	2820	rBV2	98010	152049	4.08%	0.691%
26	19.751	2849	2853	2859	rVB2	91875	148227	3.97%	0.674%
27	19.957	2883	2888	2894	rBV	2925820	3730087	100.00%	16.952%
28	21.279	3110	3113	3120	rVB3	228791	364691	9.78%	1.657%
29	21.596	3161	3167	3172	rBV2	752662	1271026	34.07%	5.776%
30	22.806	3369	3373	3379	rVB2	189350	315875	8.47%	1.436%
31	24.739	3697	3702	3713	rVB2	373679	1011874	27.13%	4.599%

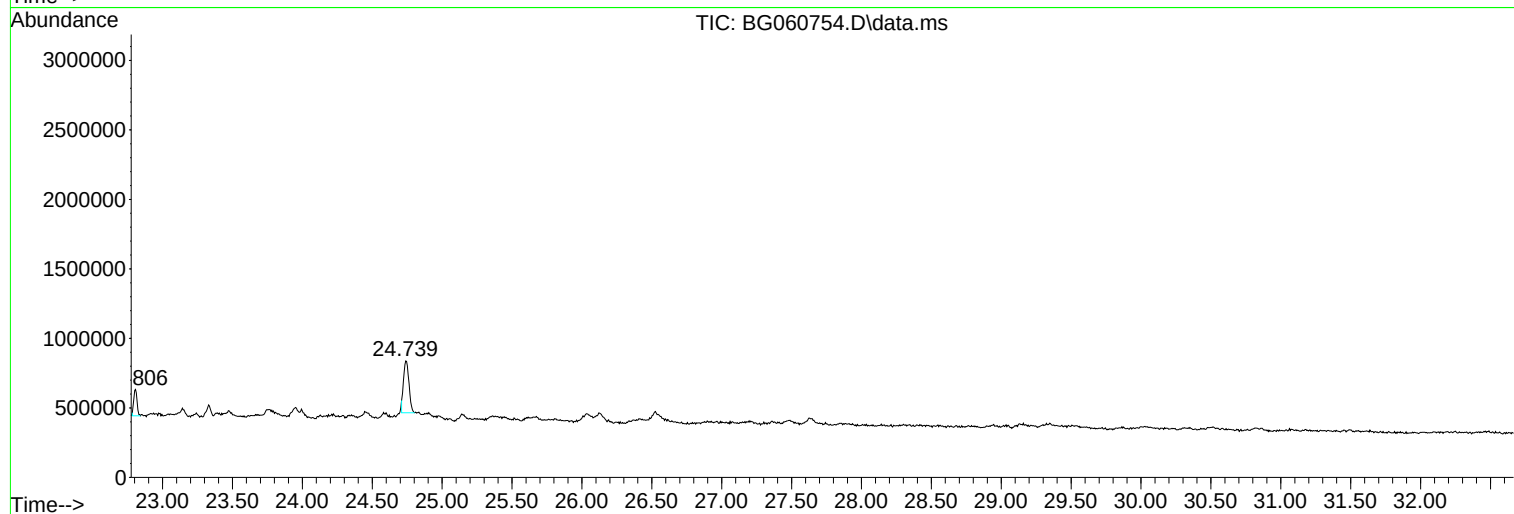
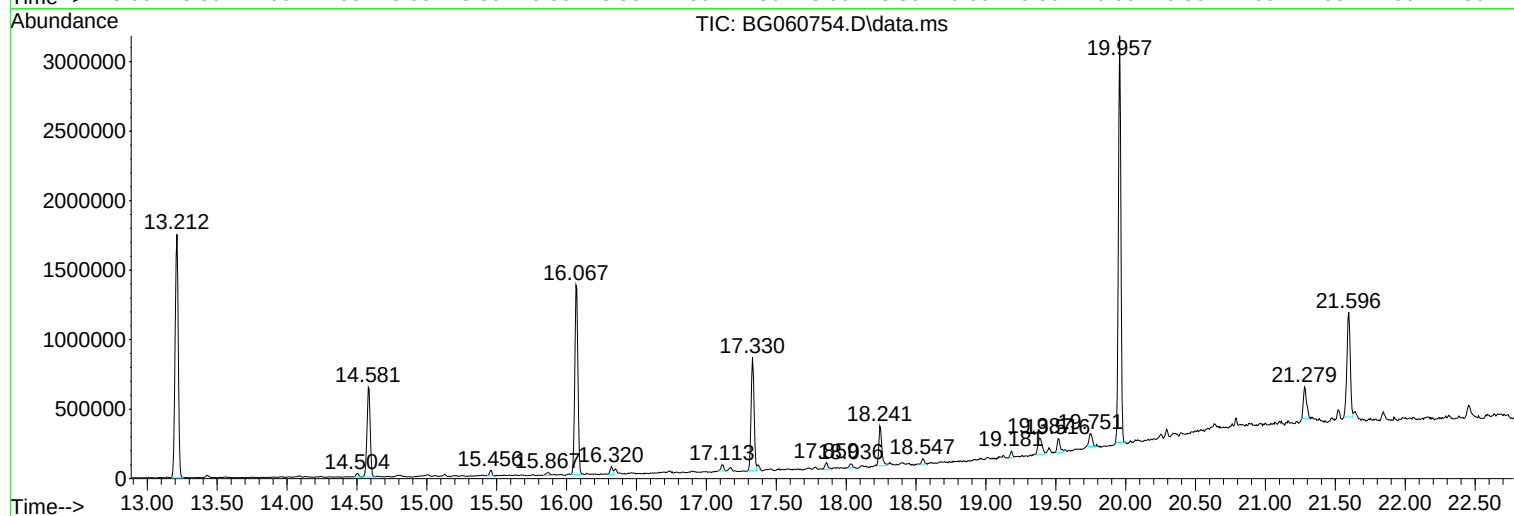
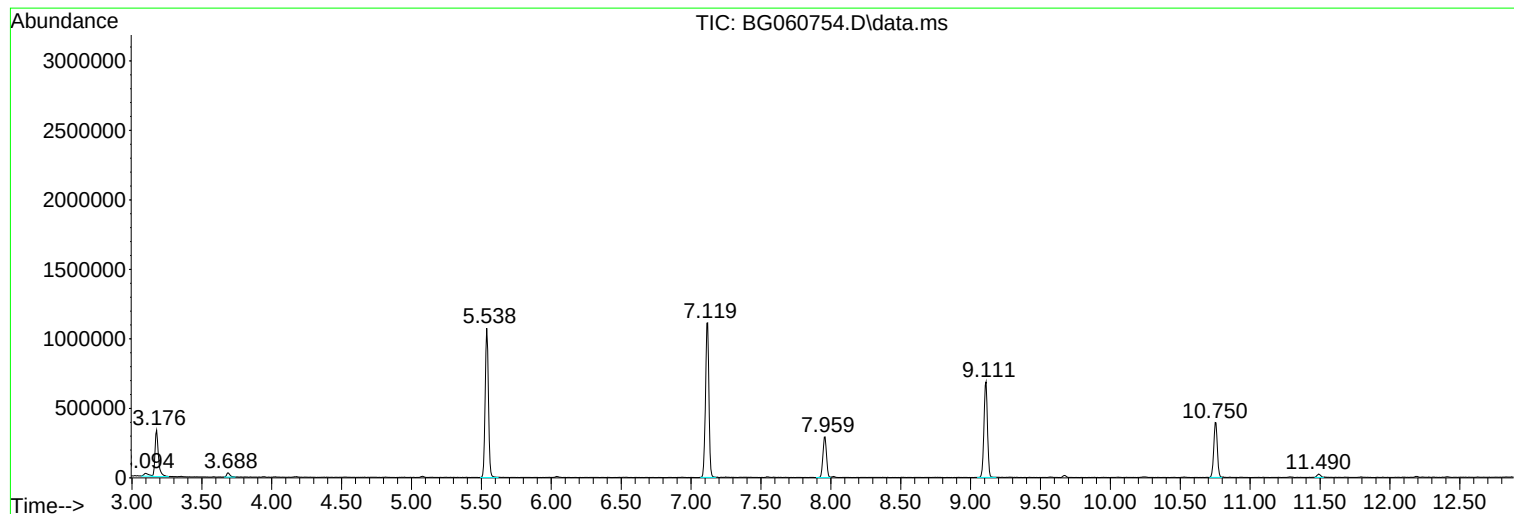
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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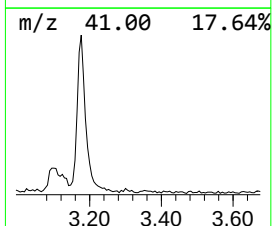
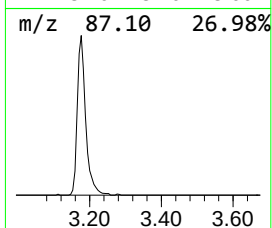
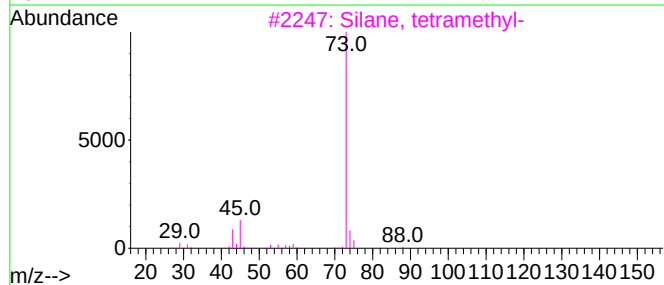
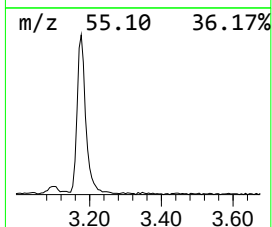
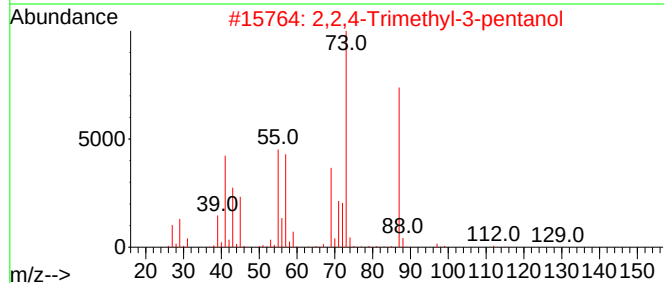
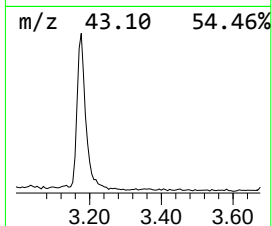
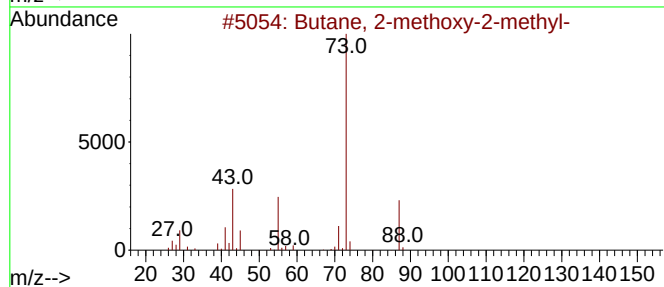
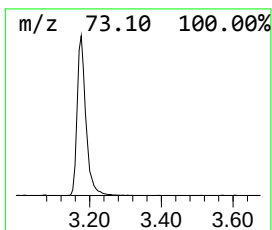
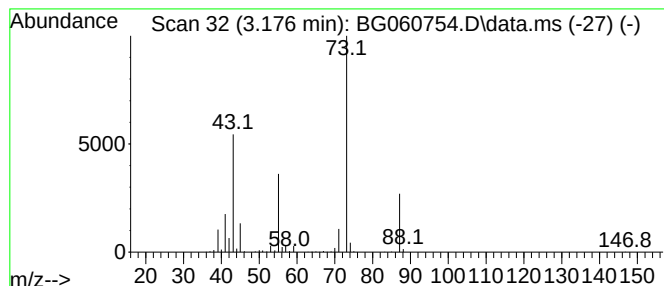
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.176	22.19 ng	567050	1,4-Dichlorobenzene-d4	7.953

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



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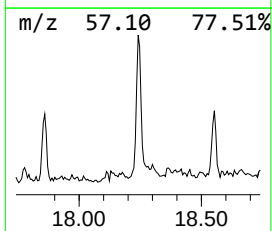
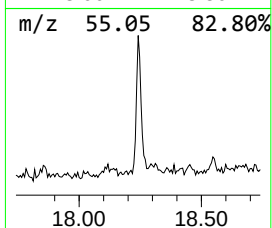
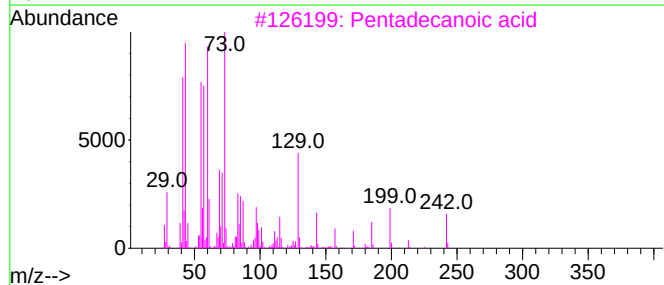
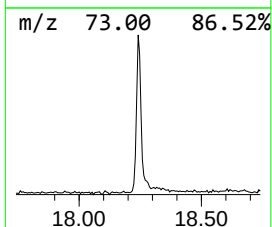
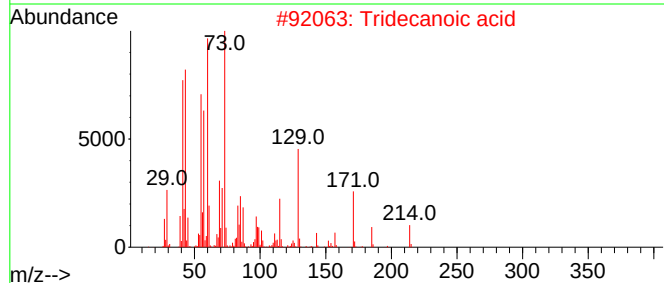
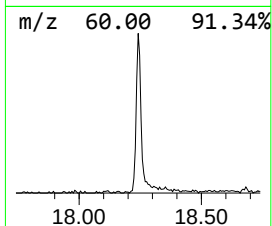
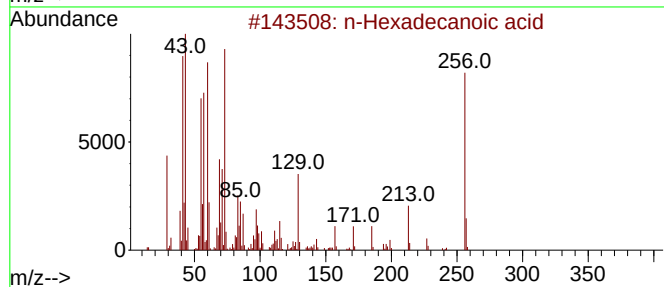
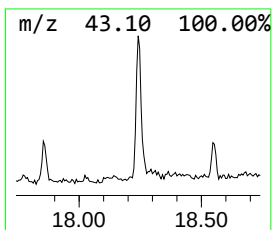
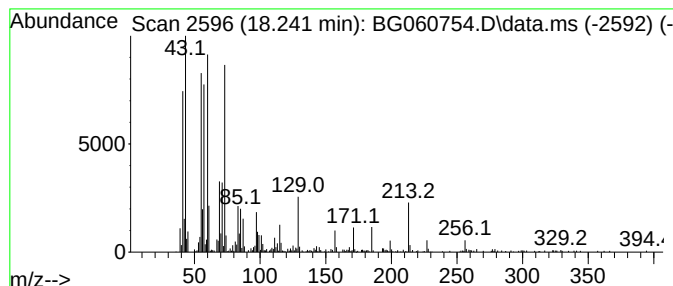
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.241	6.85 ng	410817	Phenanthrene-d10	17.331

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	95
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4			Dodecanoic acid	200	C12H24O2	000143-07-7	70
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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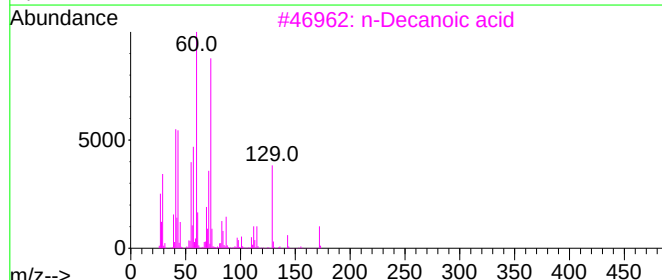
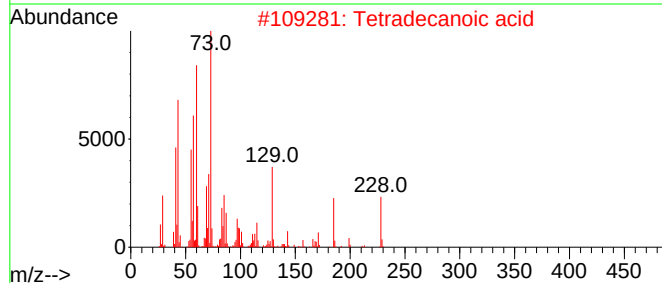
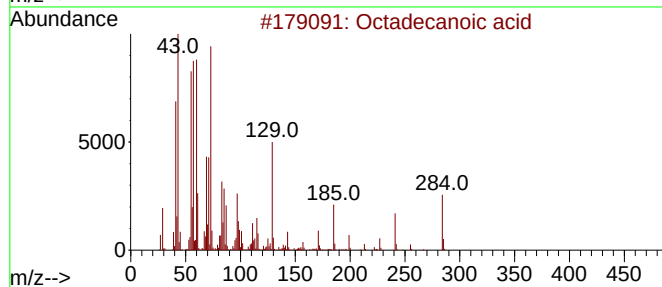
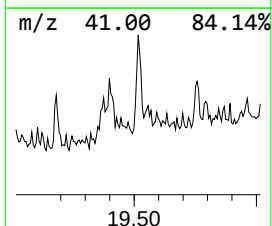
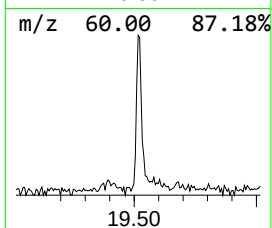
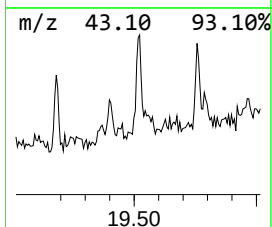
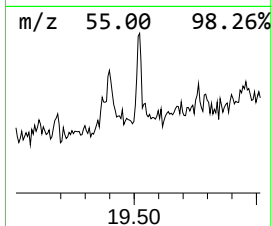
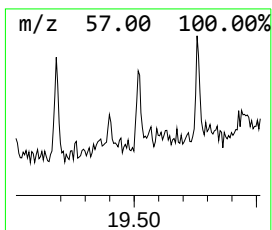
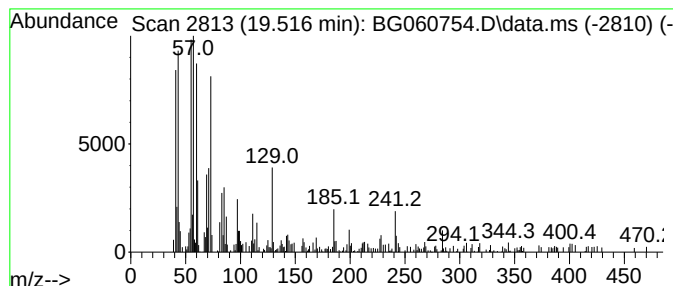
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.516	2.39 ng	152049	Chrysene-d12	21.596

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	92
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3			n-Decanoic acid	172	C10H20O2	000334-48-5	62
4			Dodecanoic acid	200	C12H24O2	000143-07-7	53
5			Tridecanoic acid	214	C13H26O2	000638-53-9	53



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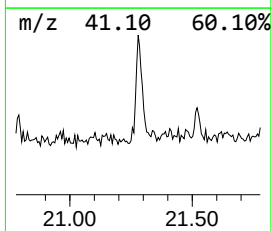
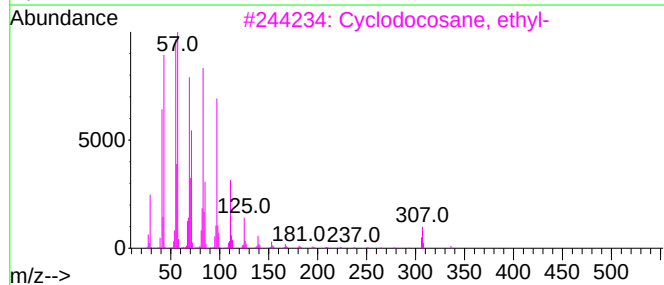
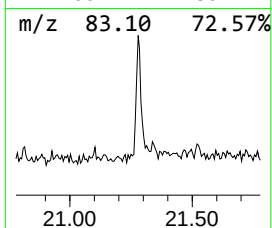
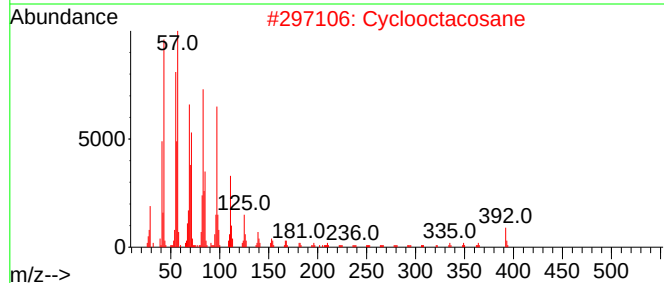
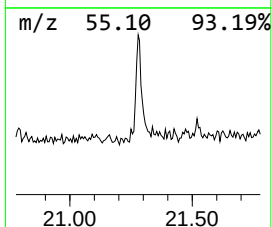
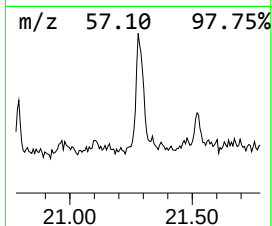
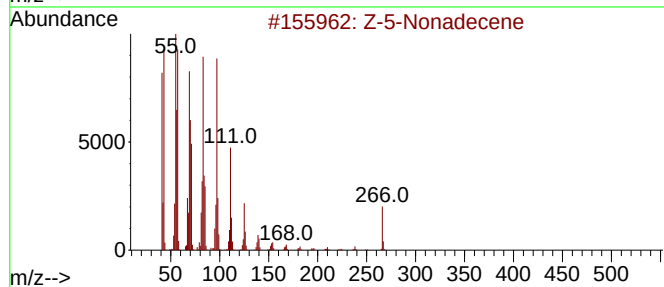
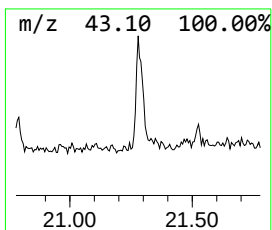
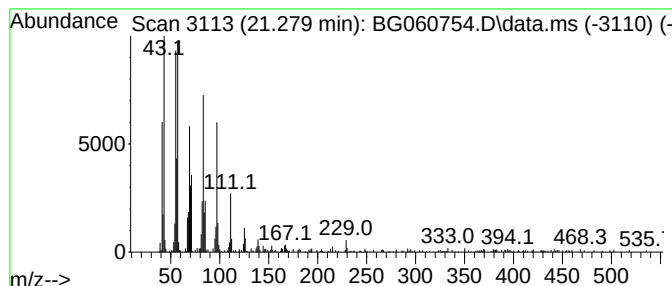
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Peak Number 6 Z-5-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.279	5.74 ng	364691	Chrysene-d12	21.596	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	95
2	Cyclooctacosane	392	C28H56	000297-24-5	95
3	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	93
4	9-Hexacosene	364	C26H52	071502-22-2	93
5	Cyclotetracosane	336	C24H48	000297-03-0	93



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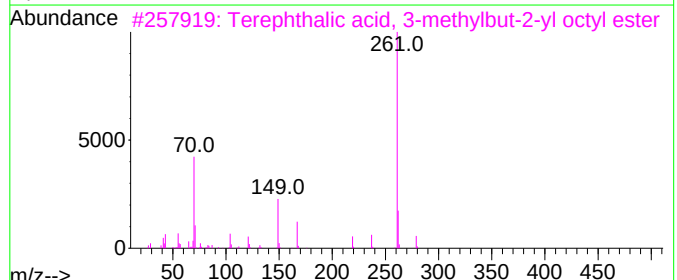
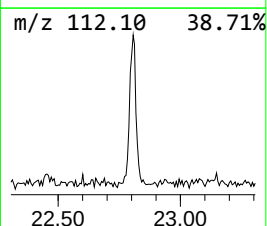
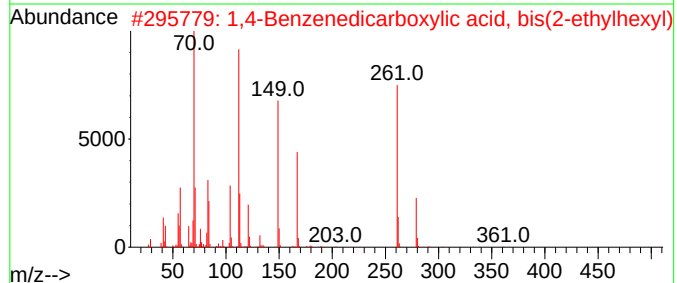
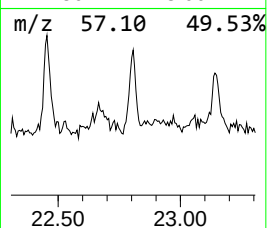
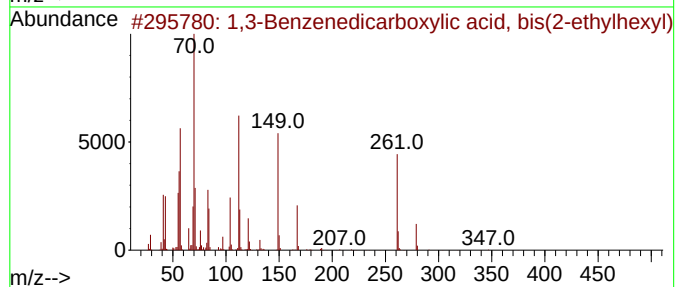
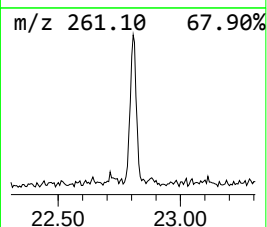
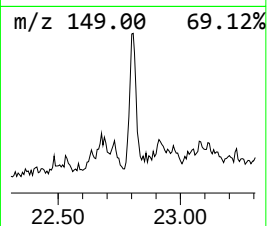
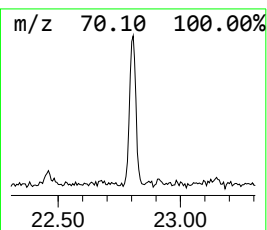
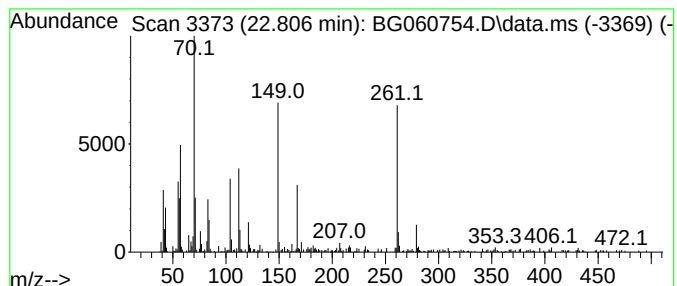
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TIC Library : C:\Database\NIST20.L
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Peak Number 7 1,3-Benzenedicarboxylic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.806	4.97 ng	315875	Chrysene-d12	21.596

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Benzenedicarboxylic acid, bi...	390	C24H3804	000137-89-3	53
2			1,4-Benzenedicarboxylic acid, bi...	390	C24H3804	006422-86-2	49
3			Terephthalic acid, 3-methylbut-2...	348	C21H3204	1000356-27-6	47
4			Terephthalic acid, di(6-methylhe...	390	C24H3804	1000416-00-0	47
5			Terephthalic acid, di(4-octyl) e...	390	C24H3804	1000323-74-2	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.176	22.2	ng	567050	1	7.953	511144	20.0
n-Hexadecanoic ...	18.241	6.8	ng	410817	4	17.331	1199030	20.0
Octadecanoic acid	19.516	2.4	ng	152049	5	21.596	1271030	20.0
Z-5-Nonadecene	21.279	5.7	ng	364691	5	21.596	1271030	20.0
1,3-Benzenedica...	22.806	5.0	ng	315875	5	21.596	1271030	20.0