

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
 Data File : BG049209.D
 Acq On : 7 Jul 2021 21:33
 Operator : CG/JU
 Sample : M2947-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-BANK-6

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049209.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.131	9	16	26	rBV4	42050	138675	7.86%	1.372%
2	5.170	358	363	371	rBV2	21208	37734	2.14%	0.373%
3	5.640	434	443	457	rBV	485656	837121	47.45%	8.280%
4	7.244	706	716	726	rBV	490772	896277	50.80%	8.865%
5	8.090	852	860	868	rVB	145754	252776	14.33%	2.500%
6	9.254	1049	1058	1068	rBV	330346	588873	33.38%	5.825%
7	10.911	1329	1340	1347	rBV	186279	344449	19.52%	3.407%
8	13.349	1748	1755	1764	rBV	803545	1288383	73.03%	12.744%
9	14.171	1889	1895	1905	rBV	83126	129699	7.35%	1.283%
10	14.730	1983	1990	1997	rBV	278717	444986	25.22%	4.402%
11	16.216	2236	2243	2251	rBV	689909	1056747	59.90%	10.453%
12	17.479	2451	2458	2463	rBV	336817	518831	29.41%	5.132%
13	17.520	2463	2465	2470	rVB3	24985	32386	1.84%	0.320%
14	18.355	2602	2607	2612	rBV3	83127	119992	6.80%	1.187%
15	18.402	2612	2615	2624	rVB3	17599	33386	1.89%	0.330%
16	18.549	2634	2640	2644	rBV5	19046	39648	2.25%	0.392%
17	18.584	2644	2646	2653	rVB3	14943	19527	1.11%	0.193%
18	19.271	2758	2763	2766	rBV	15519	21408	1.21%	0.212%
19	19.530	2802	2807	2811	rBV2	41219	57171	3.24%	0.566%
20	19.630	2819	2824	2827	rBV7	13607	19054	1.08%	0.188%
21	19.888	2865	2868	2875	rVB	45439	64930	3.68%	0.642%
22	20.082	2895	2901	2907	rBV	1295706	1764159	100.00%	17.450%
23	20.223	2919	2925	2931	rVB10	10807	30051	1.70%	0.297%
24	20.376	2949	2951	2955	rVB5	20542	24569	1.39%	0.243%
25	20.681	2999	3003	3006	rBV6	13723	20776	1.18%	0.206%
26	20.723	3006	3010	3013	rBV6	14923	20953	1.19%	0.207%
27	21.392	3120	3124	3134	rBV5	72803	152179	8.63%	1.505%
28	21.763	3180	3187	3193	rBV2	328971	577907	32.76%	5.716%
29	25.076	3740	3751	3760	rBV2	191261	577081	32.71%	5.708%

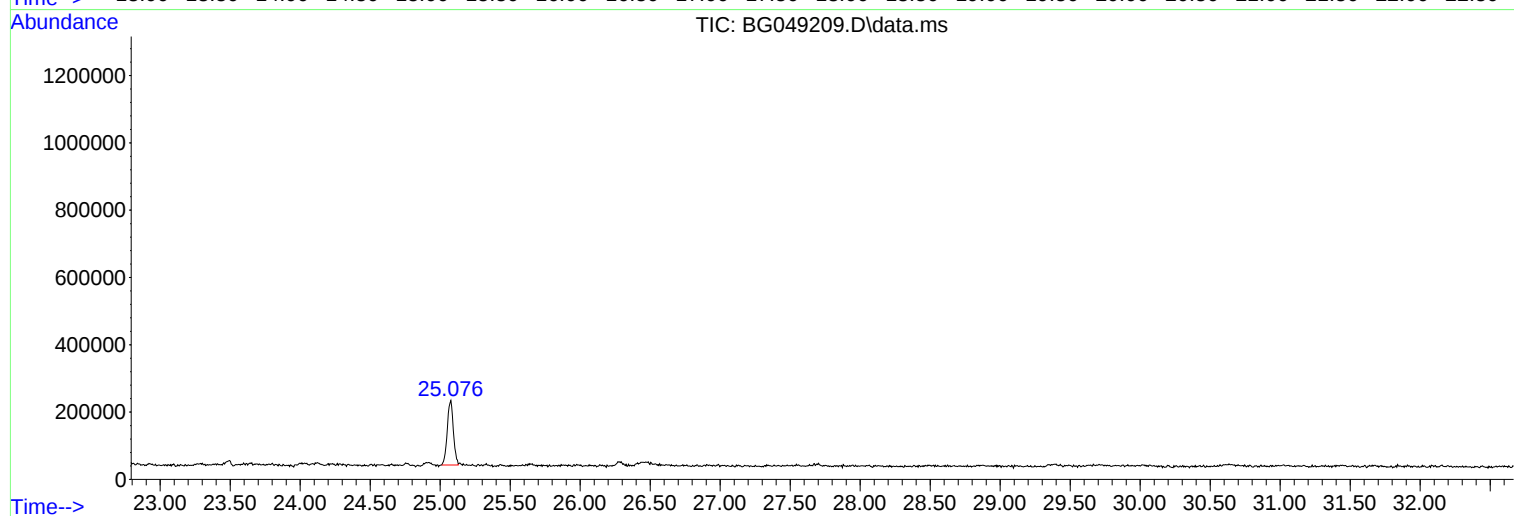
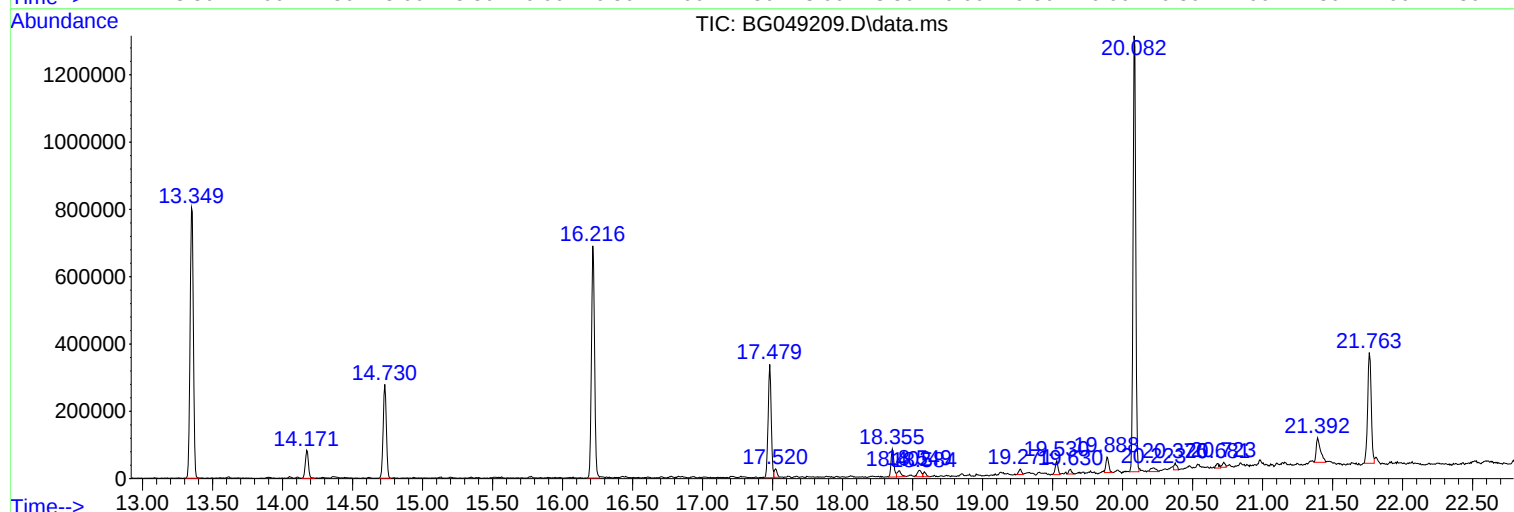
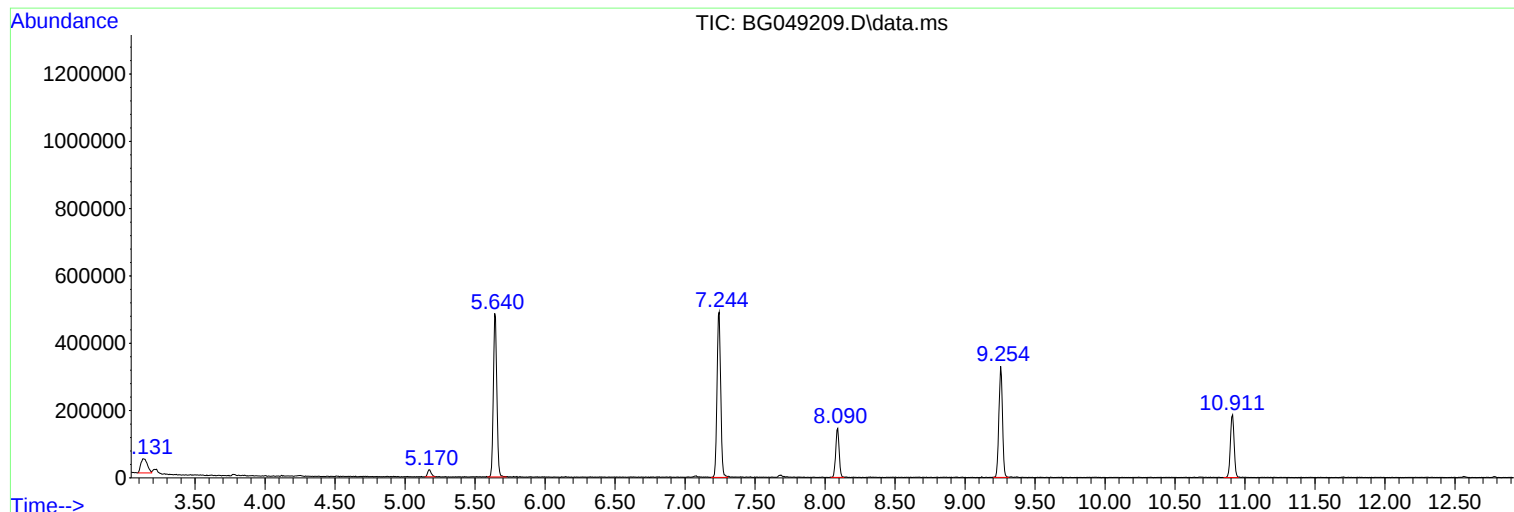
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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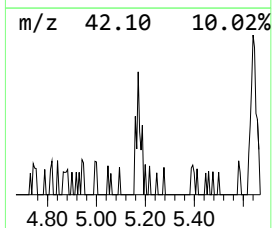
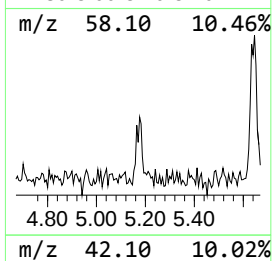
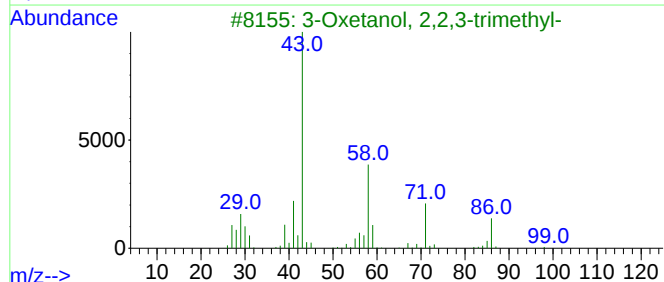
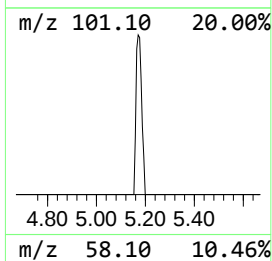
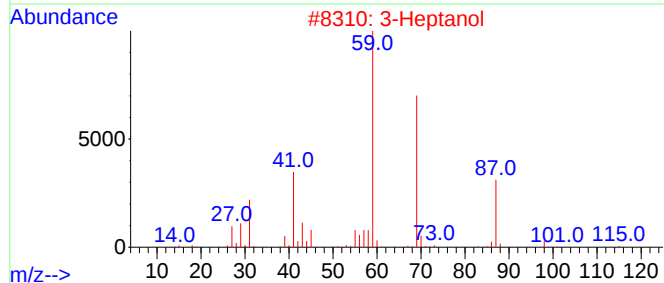
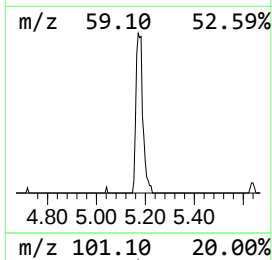
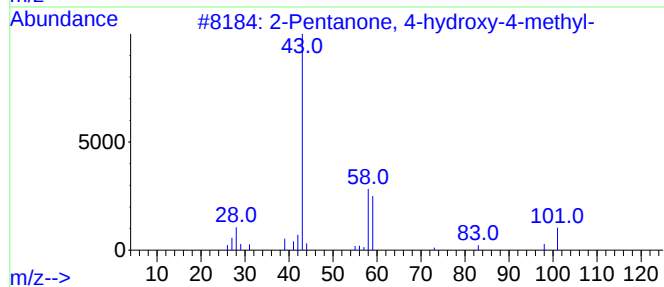
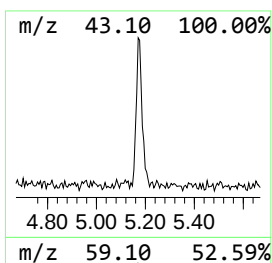
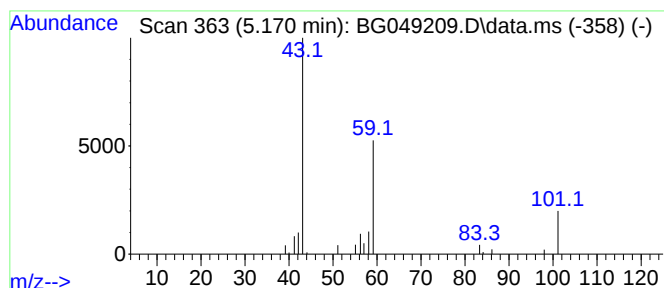
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.170	2.99 ng	37734	1,4-Dichlorobenzene-d4	8.090

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9
2		3-Heptanol	116	C7H16O	000589-82-2	9
3		3-Oxetanol, 2,2,3-trimethyl-	116	C6H12O2	025910-96-7	9
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7
5		3,3-Dimethylbutylamine	101	C6H15N	015673-00-4	5



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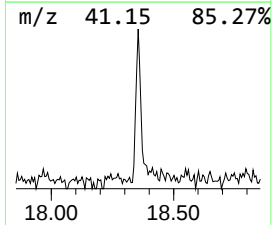
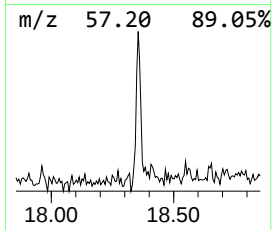
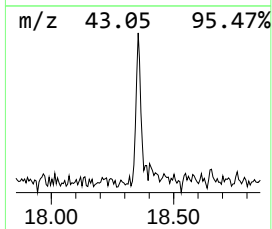
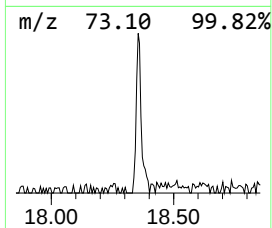
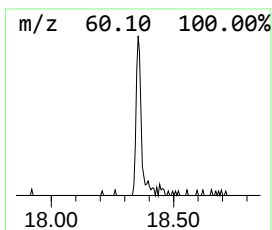
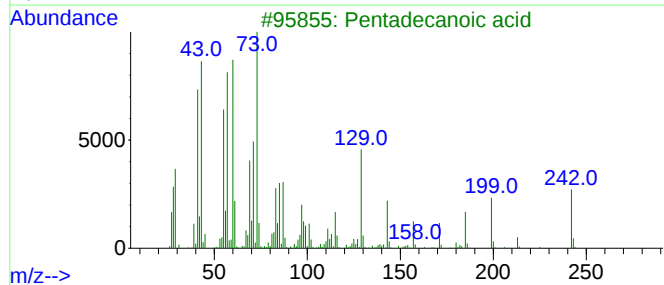
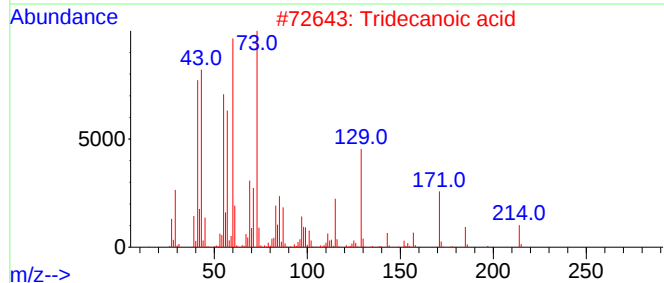
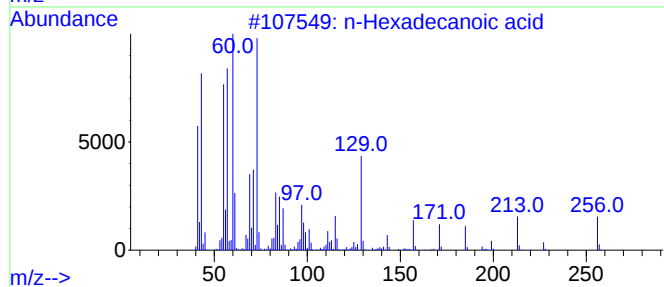
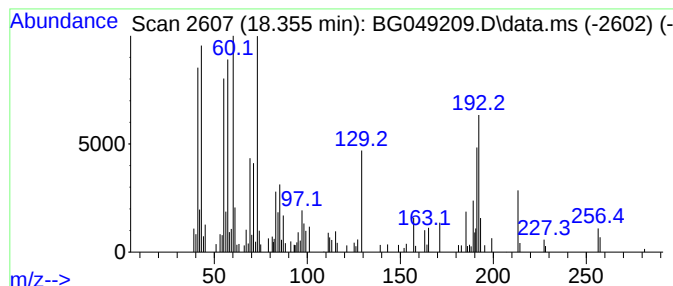
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.355	4.63 ng	119992	Phenanthrene-d10	17.479

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2			Tridecanoic acid	214	C13H26O2	000638-53-9	55
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	55
4			Undecanoic acid	186	C11H22O2	000112-37-8	41
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25



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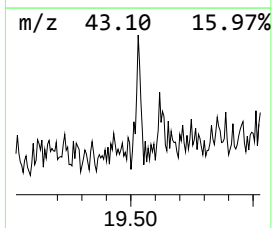
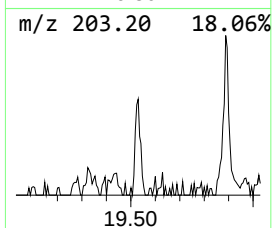
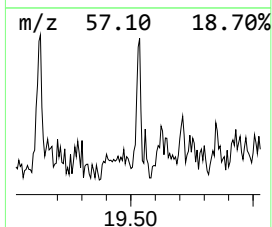
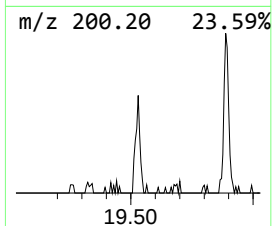
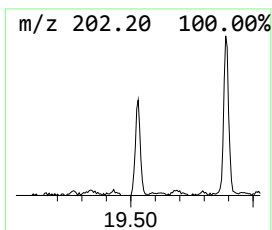
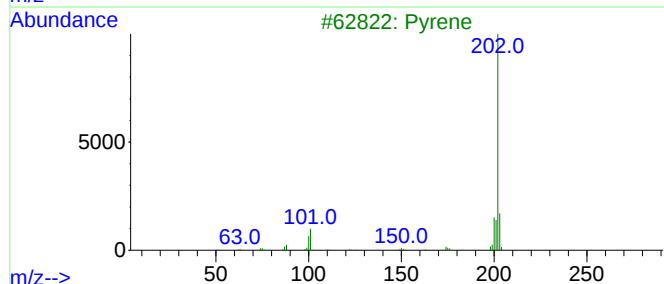
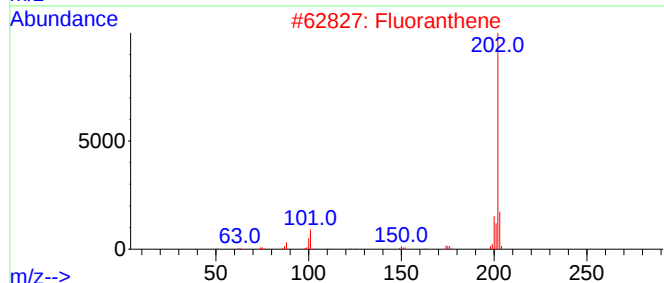
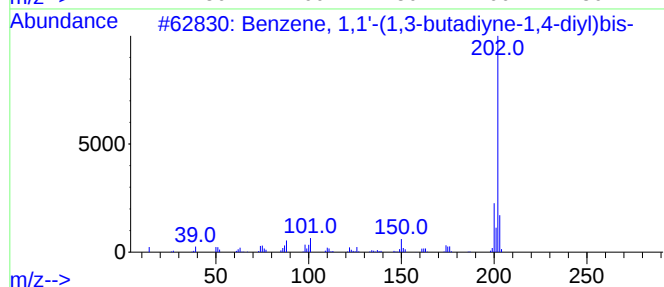
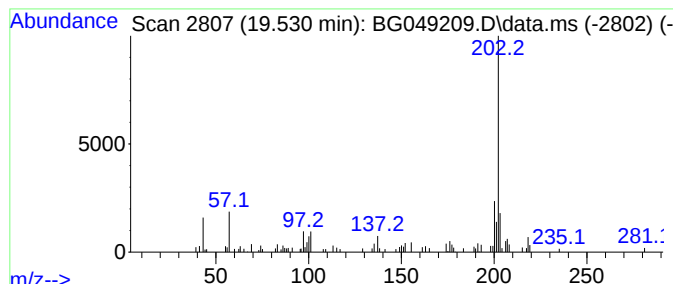
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.530	2.20 ng	57171	Phenanthrene-d10	17.479

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	70
2			Fluoranthene	202	C16H10	000206-44-0	70
3			Pyrene	202	C16H10	000129-00-0	70
4			7H-Furo[3,2-g][1]benzopyran-7-on...	202	C11H6O4	000486-60-2	50
5			1H-Indole-3-propanoic acid, 1-(t...	275	C15H21NO2Si	056196-72-6	36



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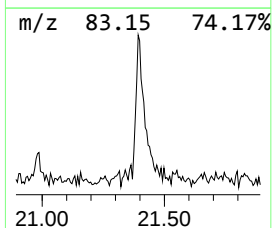
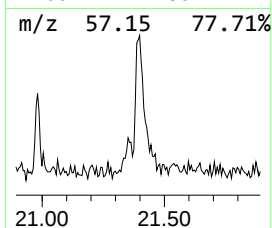
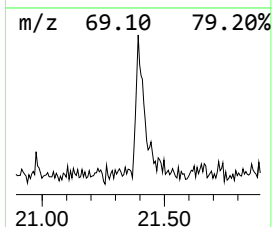
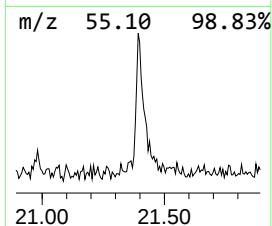
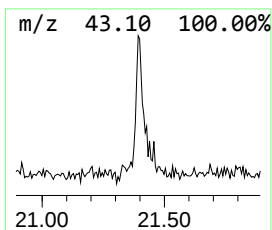
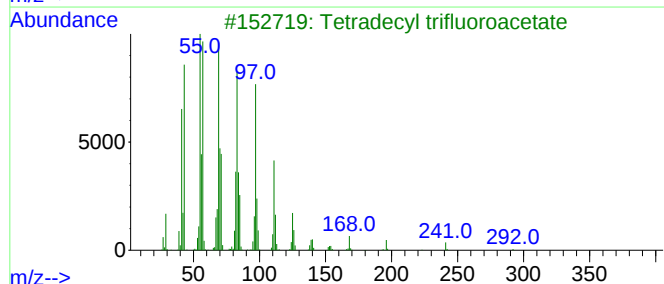
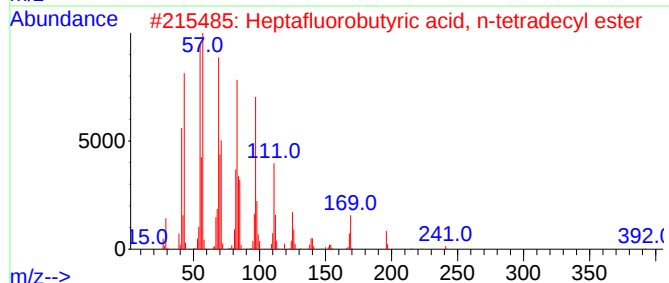
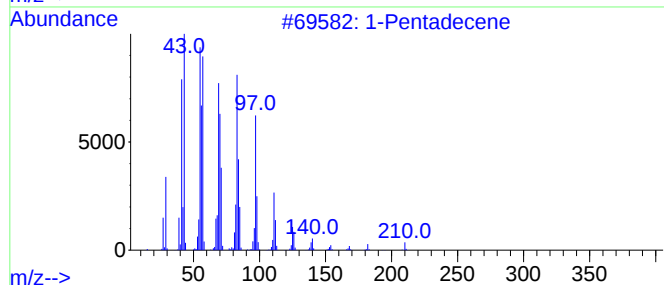
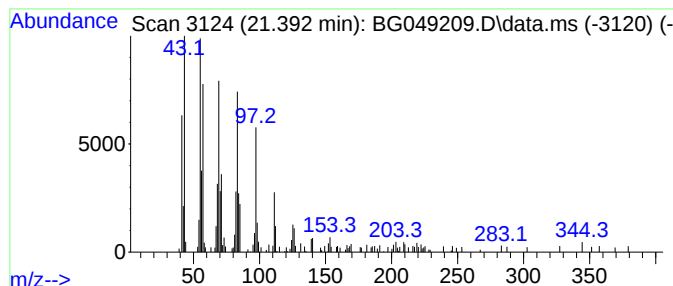
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Peak Number 6 1-Pentadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.392	5.27 ng	152179	Chrysene-d12	21.762

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecene		210	C15H30		013360-61-7	83
2	Heptafluorobutyric acid, n-tetra...		410	C18H29F7O2		007365-36-8	81
3	Tetradecyl trifluoroacetate		310	C16H29F3O2		006222-02-2	76
4	Trichloroacetic acid, pentadecyl...		372	C17H31Cl3O2		074339-53-0	70
5	1,2-Octadecanediol		286	C18H38O2		020294-76-2	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.170	3.0	ng	37734	1	8.090	252776	20.0
n-Hexadecanoic ...	18.355	4.6	ng	119992	4	17.479	518831	20.0
Benzene, 1,1'-(...	19.530	2.2	ng	57171	4	17.479	518831	20.0
1-Pentadecene	21.392	5.3	ng	152179	5	21.762	577907	20.0