

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
 Data File : BG040966.D
 Acq On : 31 May 2019 1:15
 Operator : HP/JU
 Sample : K3074-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3B-D

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BG052919.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.128	3	7	15	rVV2	107685	201104	3.44%	0.610%
2	3.205	15	20	32	rVB	432874	635632	10.88%	1.929%
3	5.655	430	437	448	rBV	1340908	2143657	36.71%	6.505%
4	7.265	703	711	725	rBV	1388948	2501371	42.83%	7.591%
5	7.647	768	776	785	rBV	1348315	2330791	39.91%	7.073%
6	8.123	850	857	865	rBV	247786	427246	7.32%	1.297%
7	8.446	903	912	922	rBV	992469	1717388	29.41%	5.212%
8	9.304	1050	1058	1069	rBV	860509	1542766	26.42%	4.682%
9	10.943	1330	1337	1346	rBV	327645	586657	10.05%	1.780%
10	13.375	1741	1751	1763	rBV	2399045	3650747	62.52%	11.078%
11	14.192	1884	1890	1896	rBV	226322	323375	5.54%	0.981%
12	14.750	1978	1985	1993	rBV2	562854	903030	15.46%	2.740%
13	16.237	2231	2238	2248	rBV	2218200	3364973	57.62%	10.211%
14	17.494	2445	2452	2458	rBV	795326	1248393	21.38%	3.788%
15	18.352	2592	2598	2606	rBV3	175992	288003	4.93%	0.874%
16	19.539	2795	2800	2805	rVB	201723	289297	4.95%	0.878%
17	19.615	2807	2813	2823	rBV4	62934	119771	2.05%	0.363%
18	19.903	2858	2862	2869	rVB	189037	266283	4.56%	0.808%
19	20.091	2887	2894	2905	rBV	4283217	5839672	100.00%	17.721%
20	20.361	2931	2940	2943	rBV	26862	65366	1.12%	0.198%
21	21.372	3108	3112	3120	rVB4	70539	122893	2.10%	0.373%
22	21.495	3129	3133	3145	rVB4	27785	67855	1.16%	0.206%
23	21.777	3172	3181	3186	rBV3	836282	1653129	28.31%	5.017%
24	21.818	3186	3188	3197	rVB	116682	192386	3.29%	0.584%
25	21.930	3202	3207	3212	rVB2	42138	63479	1.09%	0.193%
26	22.547	3309	3312	3317	rVB3	45893	65620	1.12%	0.199%
27	23.258	3428	3433	3443	rVB3	49696	99800	1.71%	0.303%
28	23.458	3462	3467	3478	rVB2	92231	192412	3.29%	0.584%
29	24.045	3559	3567	3569	rBV	97849	222730	3.81%	0.676%
30	24.803	3688	3696	3705	rVB2	59777	173125	2.96%	0.525%
31	24.950	3711	3721	3730	rBV	79639	242445	4.15%	0.736%
32	25.114	3736	3749	3759	rBV2	457553	1412148	24.18%	4.285%

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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 >
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

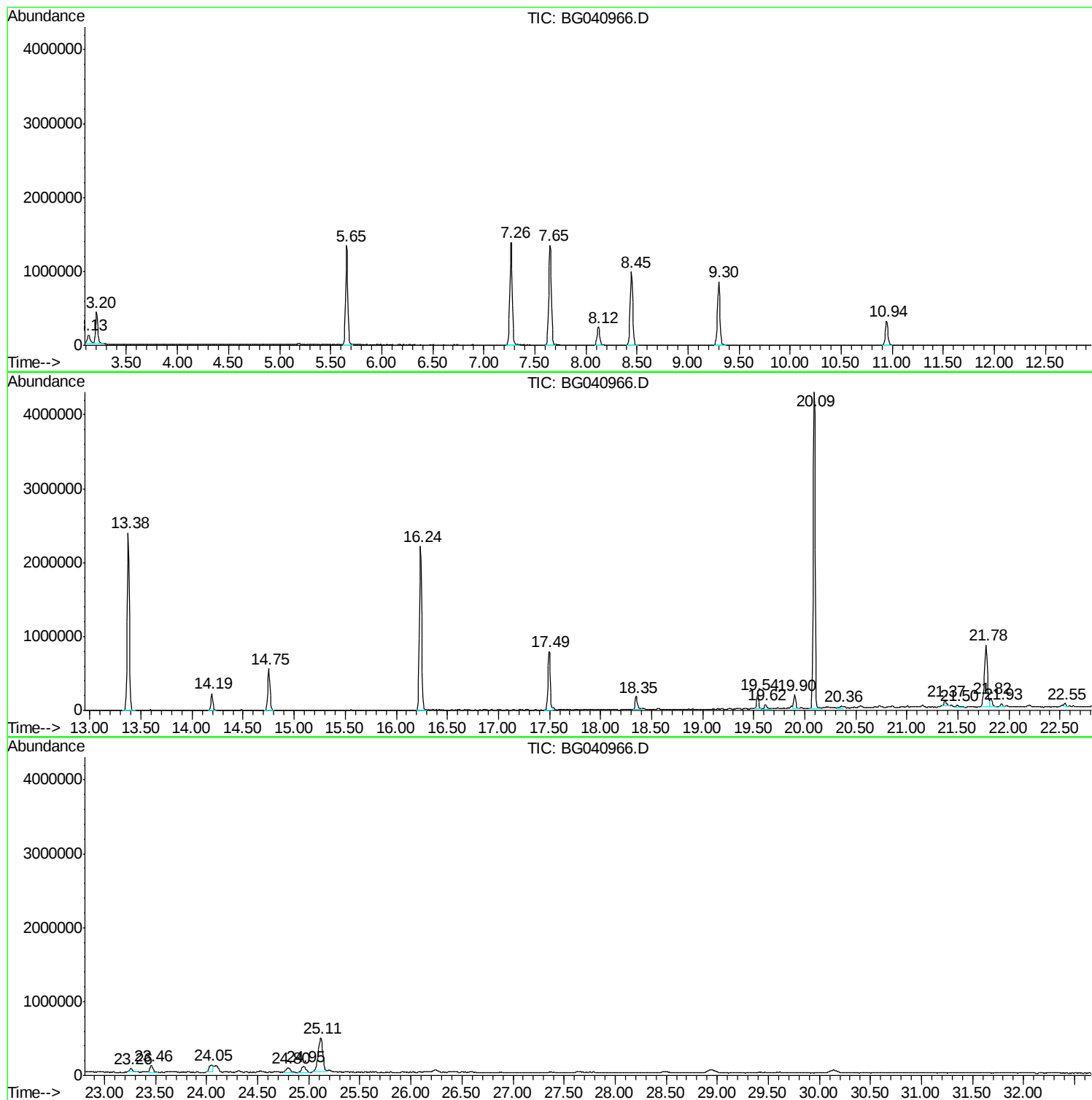
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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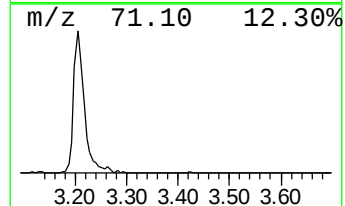
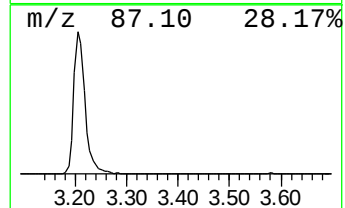
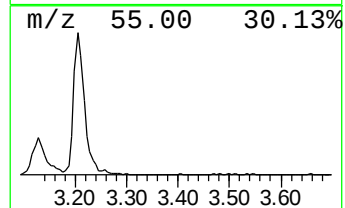
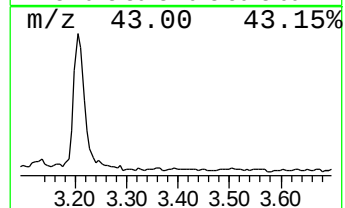
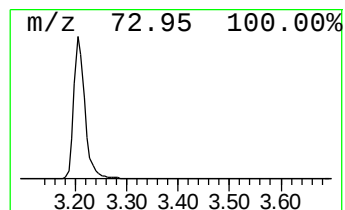
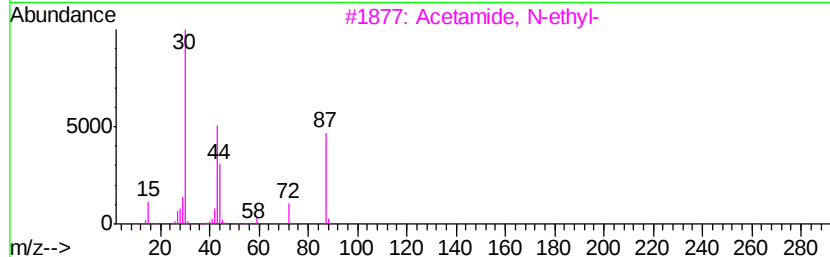
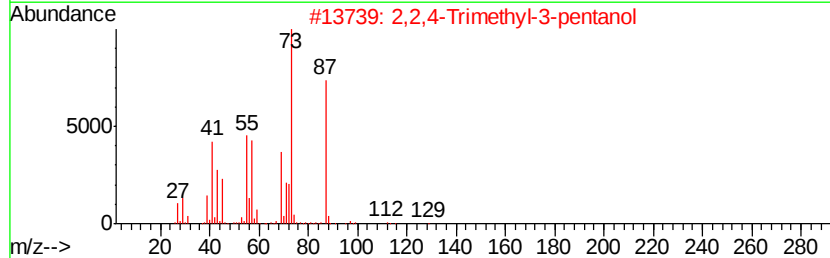
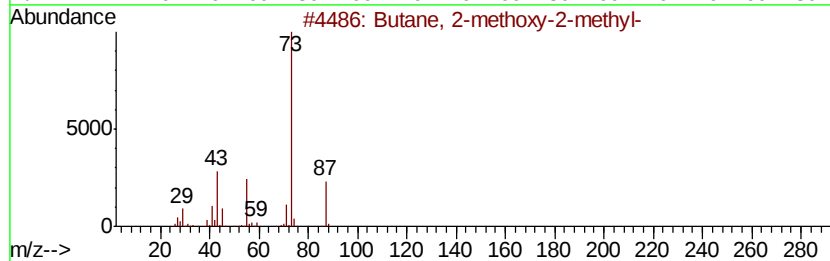
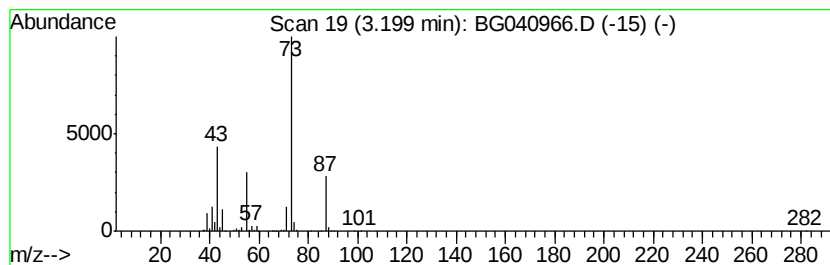
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	29.75 ng	635632	1,4-Dichlorobenzene-d4	8.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130 C8H18O	005162-48-1	38
3	Acetamide, N-ethyl-	87 C4H9NO	000625-50-3	35
4	N-Ethylformamide	73 C3H7NO	000627-45-2	9
5	Silane, ethyltrimethyl-	102 C5H14Si	003439-38-1	9



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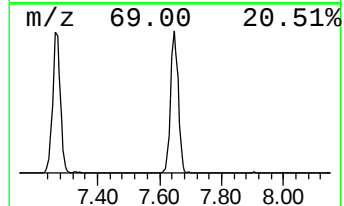
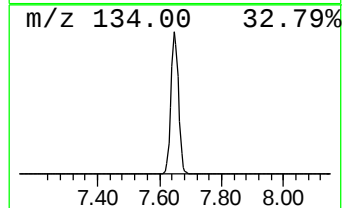
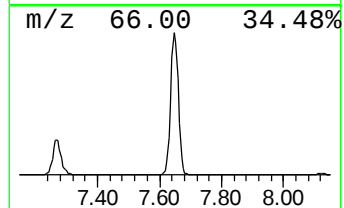
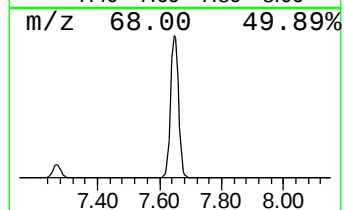
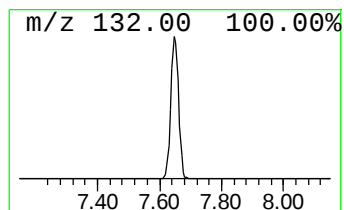
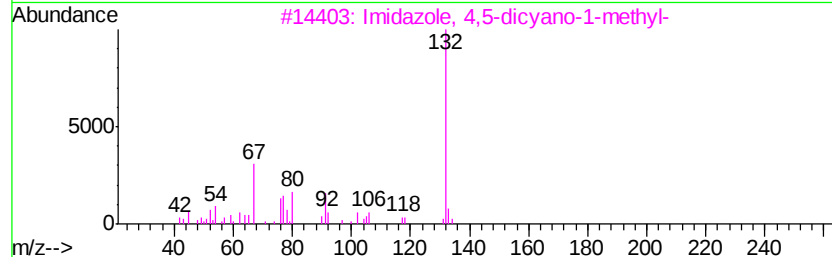
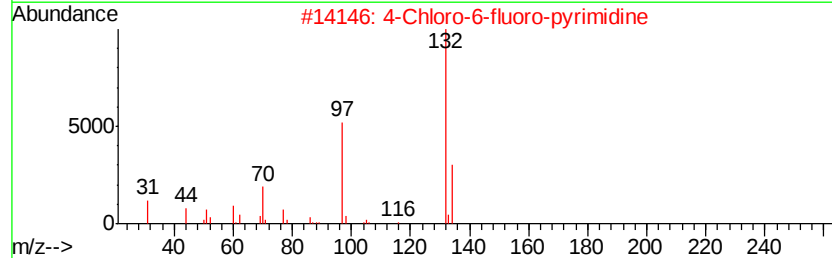
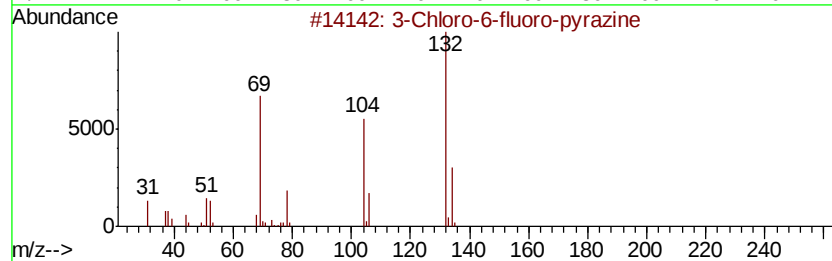
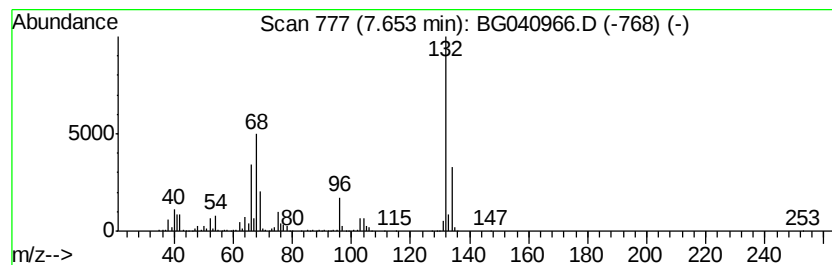
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Peak Number 3 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	109.11 ng	2330790	1,4-Dichlorobenzene-d4	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17



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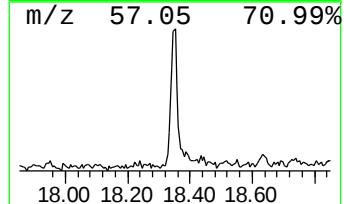
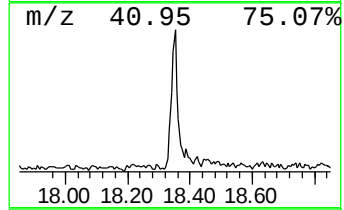
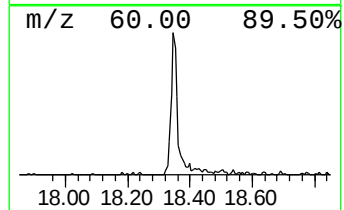
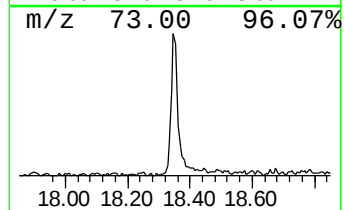
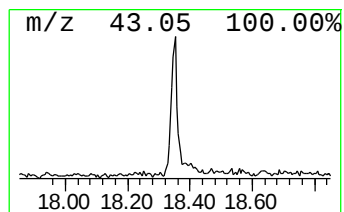
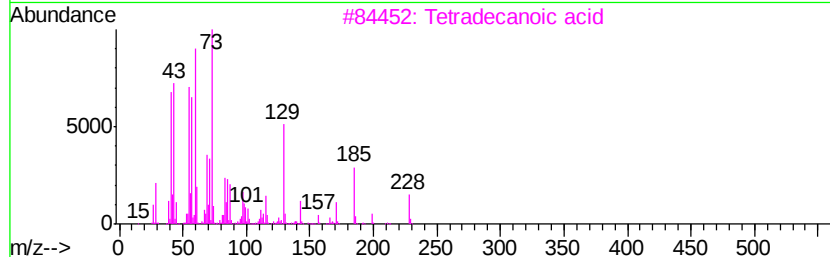
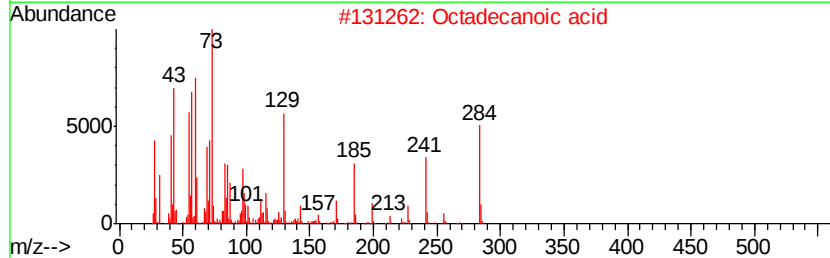
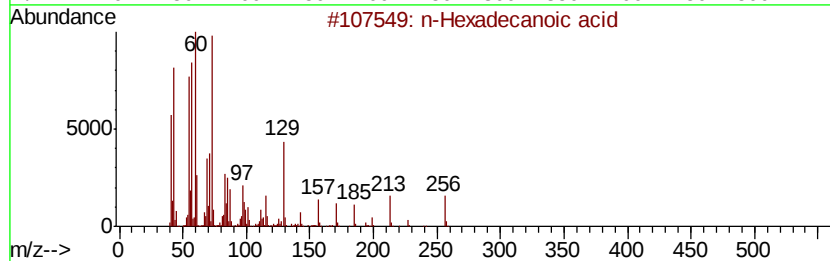
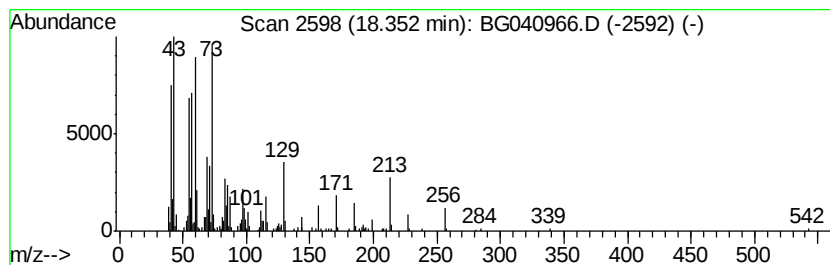
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	4.61 ng	288003	Phenanthrene-d10	17.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	96
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	93
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	81



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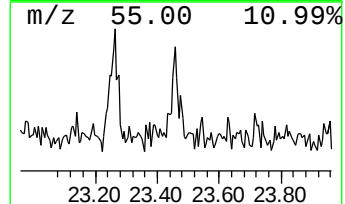
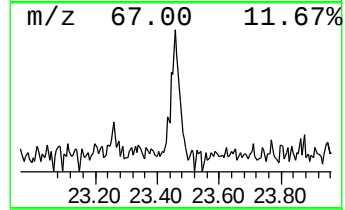
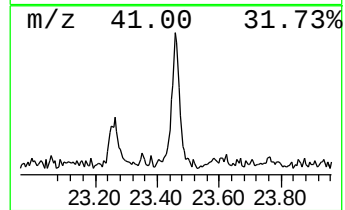
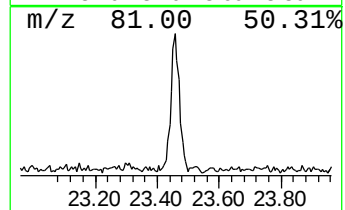
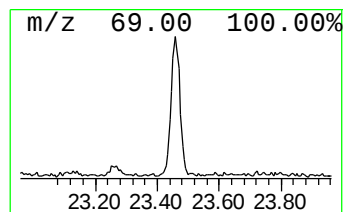
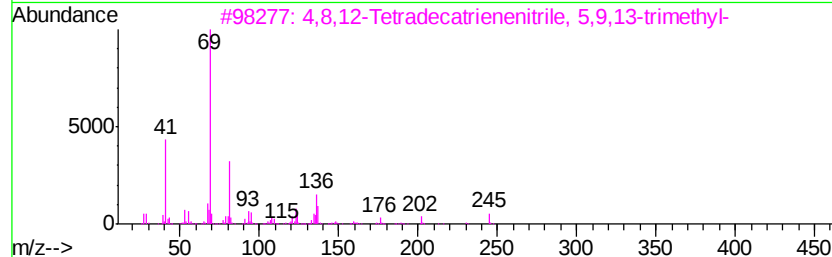
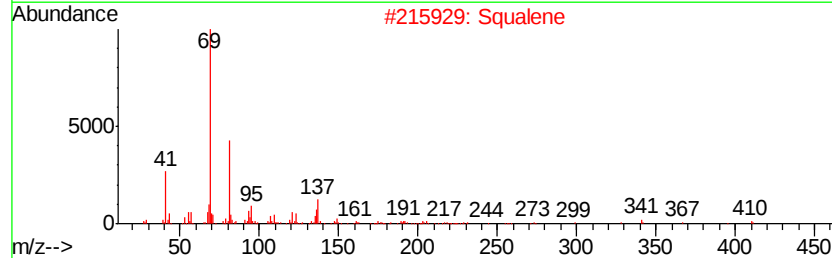
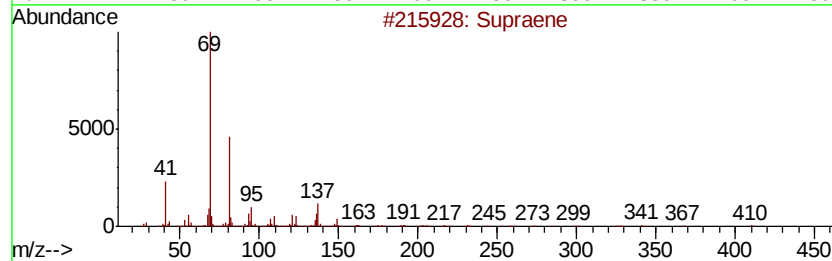
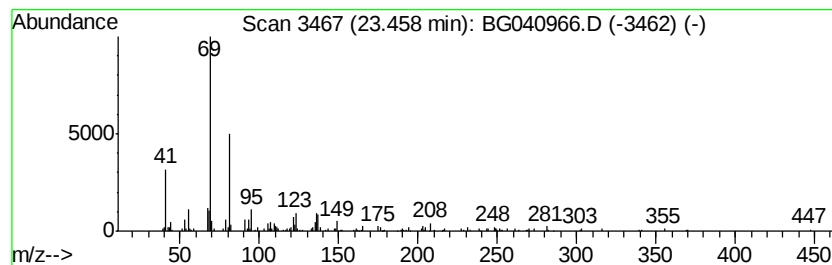
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Peak Number 6 Supraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.46	2.73 ng	192412	Perylene-d12	25.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	72
2		Squalene	410	C30H50	000111-02-4	72
3		4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	59
4		1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	59
5		Trideca-1,7,11-triene-1,1-dicarb...	270	C18H26N2	1000161-46-0	58



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.20	29.8	ng	635632	1	8.12	427246	20.0
unknown7.65	7.65	109.1	ng	2330790	1	8.12	427246	20.0
n-Hexadecanoic acid	18.35	4.6	ng	288003	4	17.49	1248390	20.0
Supraene	23.46	2.7	ng	192412	6	25.11	1412150	20.0