

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041299.D
 Acq On : 18 Jun 2019 16:13
 Operator : HP/JU
 Sample : K3389-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GS-SOIL-PILE

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-BG061719.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	5.620	424	431	446	rBV	525797	900200	44.90%	7.168%
2	7.230	697	705	720	rBV	600259	1053800	52.56%	8.392%
3	7.606	762	769	781	rBV	575465	995253	49.64%	7.925%
4	8.076	843	849	863	rVB	133115	239878	11.96%	1.910%
5	8.399	897	904	915	rBV	404986	727429	36.28%	5.793%
6	9.257	1043	1050	1062	rBV	361704	651136	32.48%	5.185%
7	10.902	1321	1330	1342	rBV	163307	301777	15.05%	2.403%
8	13.335	1736	1744	1752	rBV	875183	1315857	65.63%	10.478%
9	14.157	1878	1884	1892	rBV	66351	107525	5.36%	0.856%
10	14.715	1972	1979	1987	rBV2	285156	451100	22.50%	3.592%
11	16.202	2225	2232	2243	rBV	823378	1282092	63.95%	10.209%
12	17.459	2440	2446	2452	rBV2	387493	595851	29.72%	4.745%
13	17.500	2452	2453	2459	rVB2	26525	30280	1.51%	0.241%
14	18.317	2586	2592	2602	rBV2	53559	107585	5.37%	0.857%
15	19.510	2790	2795	2801	rVB	42097	61545	3.07%	0.490%
16	19.586	2801	2808	2816	rBV10	16296	33967	1.69%	0.270%
17	19.874	2853	2857	2861	rVB	31165	44093	2.20%	0.351%
18	20.056	2882	2888	2897	rBV	1612251	2004891	100.00%	15.965%
19	21.331	3100	3105	3115	rBV3	60797	129439	6.46%	1.031%
20	21.737	3167	3174	3180	rBV2	421980	699797	34.90%	5.573%
21	22.495	3299	3303	3306	rBV5	19386	26419	1.32%	0.210%
22	23.200	3418	3423	3429	rVB5	26652	49935	2.49%	0.398%
23	24.010	3553	3561	3569	rBV5	35693	90744	4.53%	0.723%
24	24.980	3721	3726	3728	rBV5	19623	34706	1.73%	0.276%
25	25.044	3729	3737	3749	rVB2	210197	622561	31.05%	4.958%

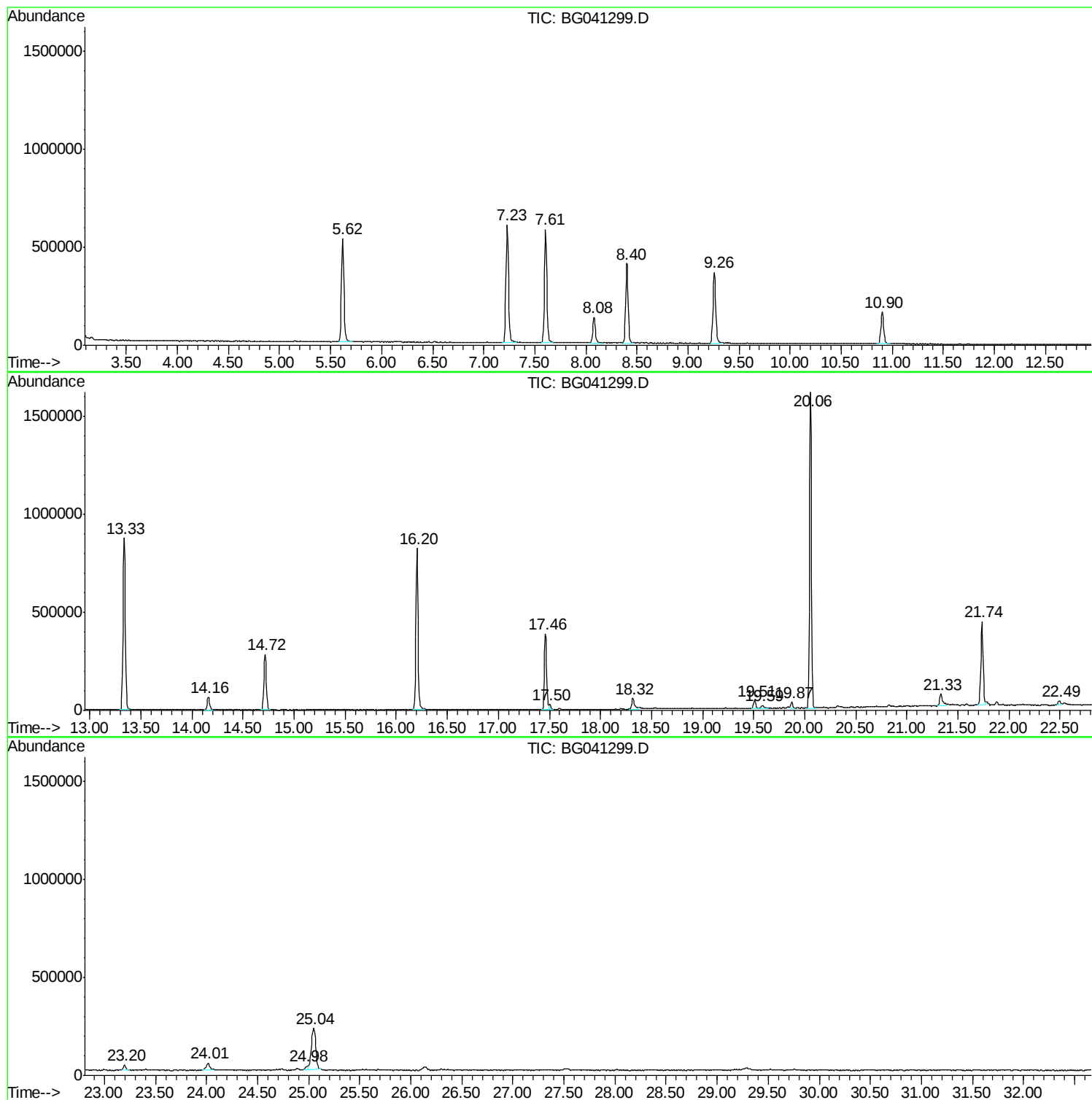
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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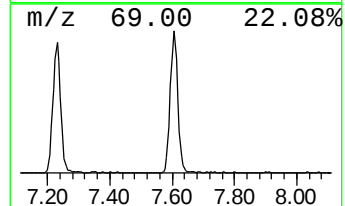
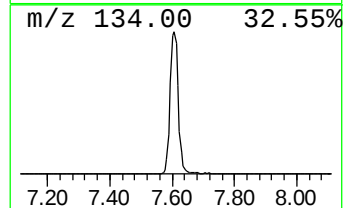
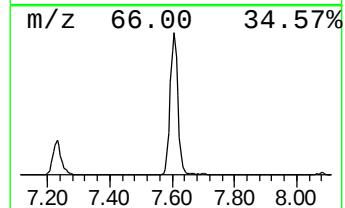
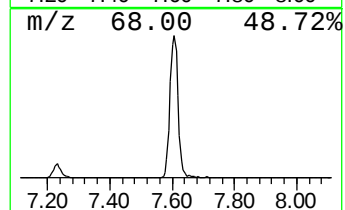
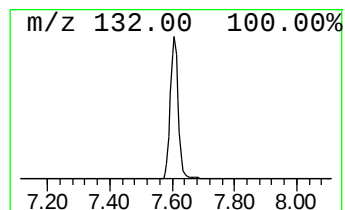
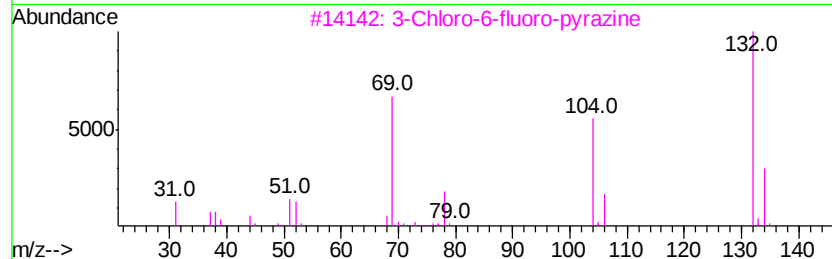
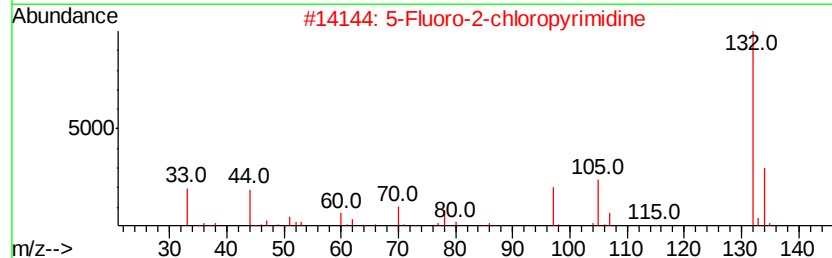
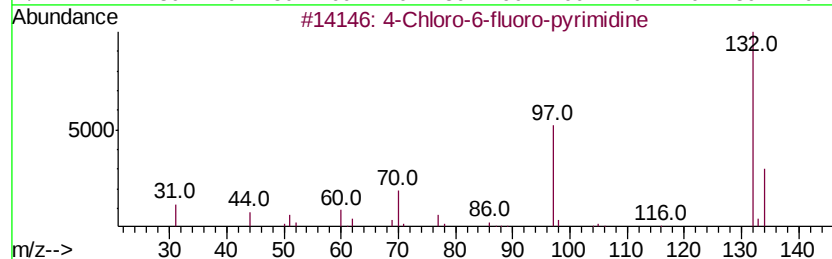
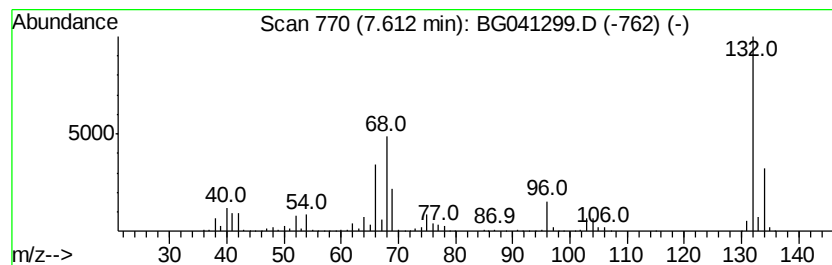
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	82.98 ng	995253	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22



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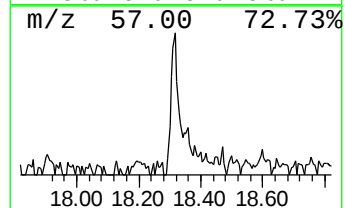
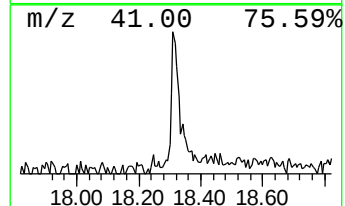
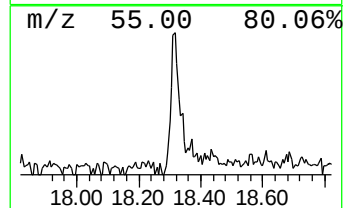
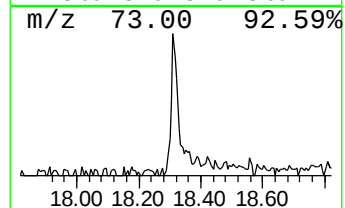
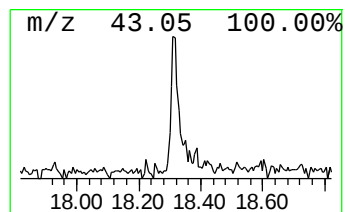
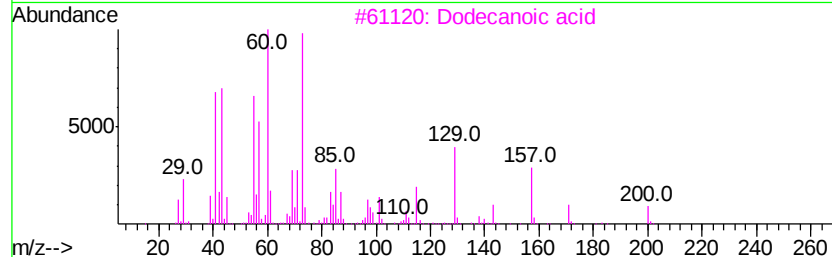
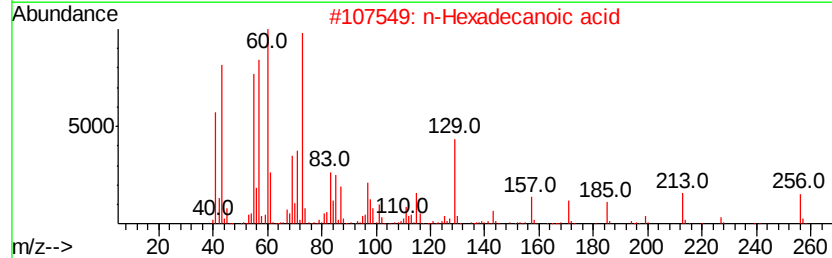
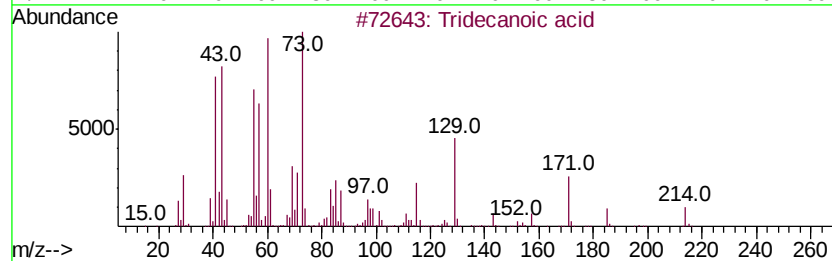
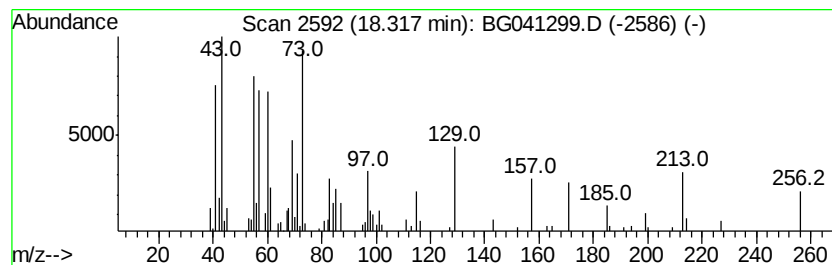
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Peak Number 3 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.61 ng	107585	Phenanthrene-d10	17.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Dodecanoic acid	200	C12H24O2	000143-07-7	64
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5		Undecanoic acid	186	C11H22O2	000112-37-8	45



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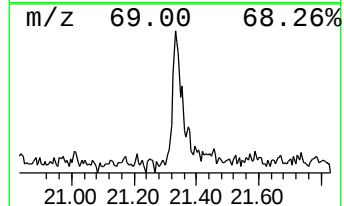
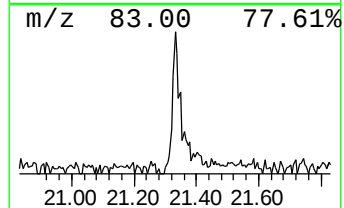
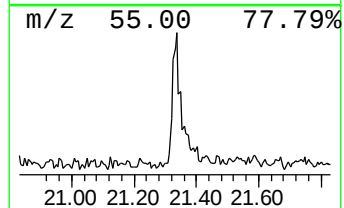
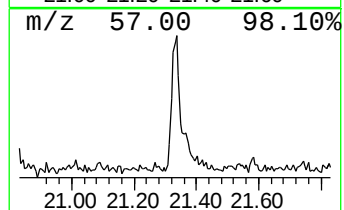
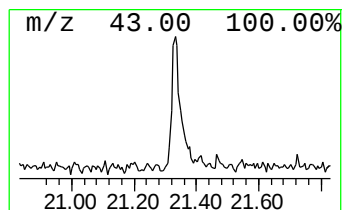
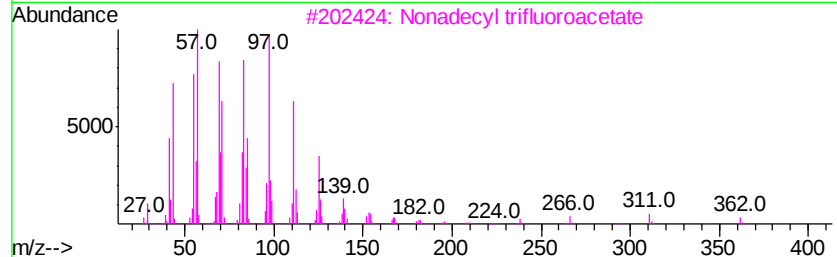
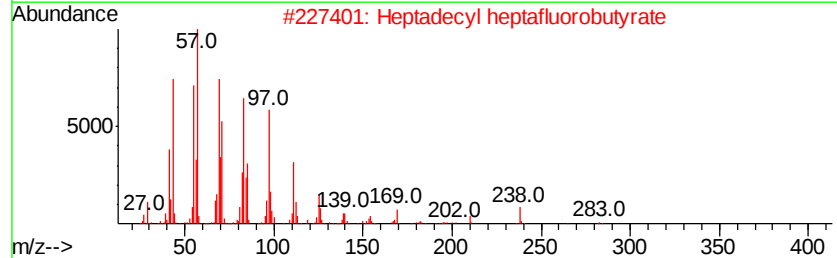
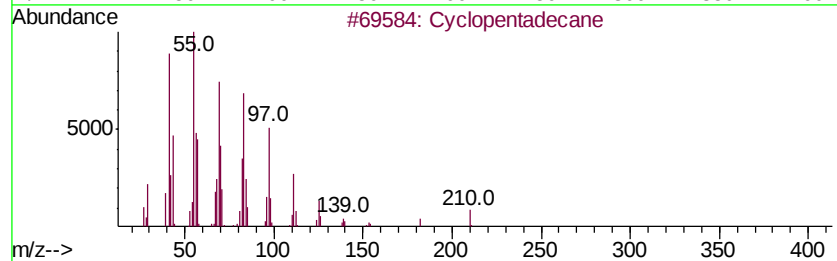
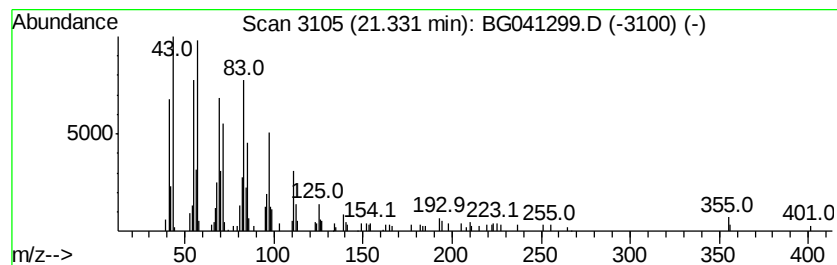
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Peak Number 5 Cyclopentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	3.70 ng	129439	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	98
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	92
3		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	87
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	87
5		n-Heptadecanol-1	256	C17H36O	001454-85-9	76



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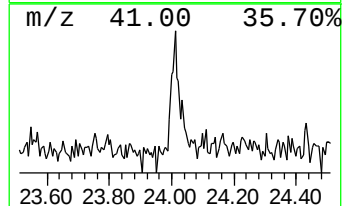
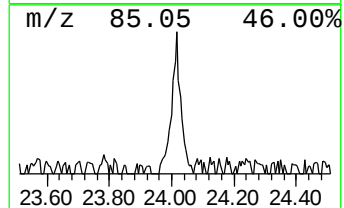
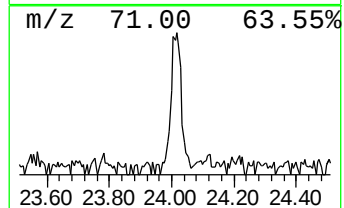
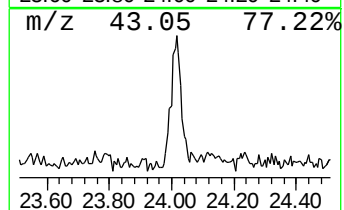
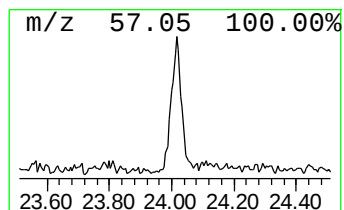
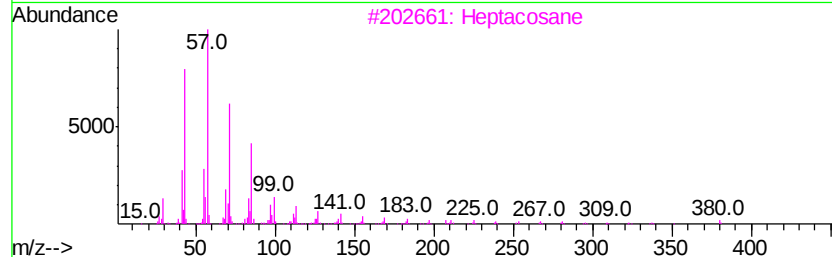
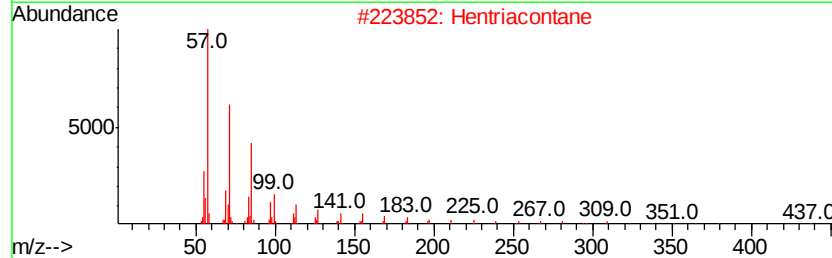
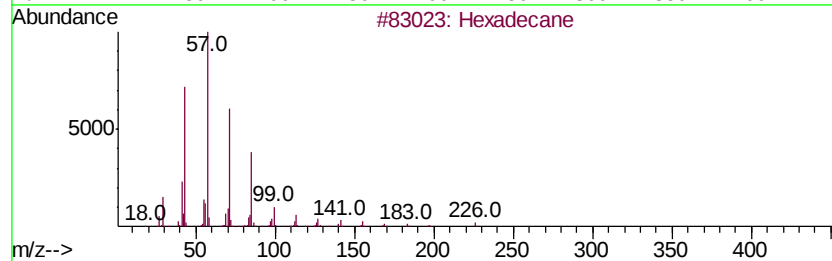
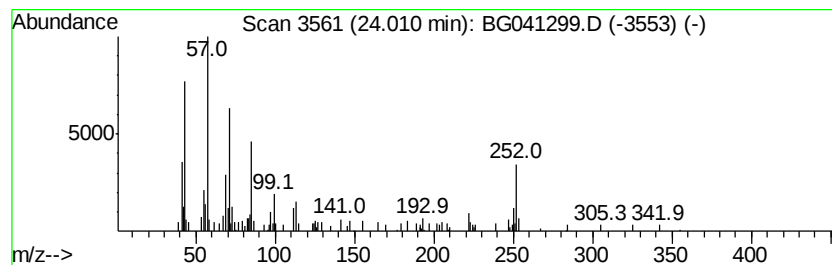
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Peak Number 6 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	2.92 ng	90744	Perylene-d12	25.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	55
2		Hentriacontane	437	C31H64	000630-04-6	49
3		Heptacosane	380	C27H56	000593-49-7	49
4		2-methyloctacosane	408	C29H60	1000376-72-8	46
5		triacontane	422	C30H62	000638-68-6	46



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.61	7.61	83.0	ng	995253	1	8.08	239878	20.0
Tridecanoic acid	18.32	3.6	ng	107585	4	17.46	595851	20.0
Cyclopentadecane	21.33	3.7	ng	129439	5	21.74	699797	20.0
Hexadecane	24.01	2.9	ng	90744	6	25.04	622561	20.0