

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062316\
 Data File : BM005943.D
 Acq On : 23 Jun 2016 23:24
 Operator : UM/SJ
 Sample : H3612-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Z38

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.834	714	722	733	rBV	1053580	1784265	29.64%	2.379%
2	7.004	744	751	763	rBV	812767	1293078	21.48%	1.724%
3	7.193	776	783	794	rBV	1070624	1743251	28.96%	2.324%
4	7.663	856	863	872	rBV	1050311	1707288	28.36%	2.276%
5	8.363	974	982	996	rBV	1301830	2126782	35.33%	2.836%
6	8.481	996	1002	1007	rVB2	40759	68745	1.14%	0.092%
7	8.810	1050	1058	1070	rBV	974313	1679862	27.91%	2.240%
8	9.534	1173	1181	1196	rVB	759355	1333366	22.15%	1.778%
9	10.063	1264	1271	1286	rBV	1244980	2111734	35.08%	2.816%
10	10.445	1328	1336	1346	rVB	1490009	2573448	42.75%	3.431%
11	10.581	1352	1359	1377	rBV	1089539	1983099	32.94%	2.644%
12	13.722	1887	1893	1897	rBV	2066771	2986415	49.61%	3.982%
13	13.769	1897	1901	1913	rVB	1692050	2450281	40.70%	3.267%
14	13.998	1931	1940	1950	rBV	2464632	3706991	61.58%	4.943%
15	14.310	1986	1993	2003	rBV2	2169840	3403108	56.53%	4.537%
16	14.504	2019	2026	2044	rBV	1020860	1531895	25.45%	2.042%
17	15.180	2136	2141	2147	rVB	52924	74145	1.23%	0.099%
18	15.304	2155	2162	2170	rBV	3045077	4602283	76.45%	6.136%
19	15.421	2176	2182	2196	rVB	891623	1260401	20.94%	1.681%
20	16.039	2283	2287	2302	rBV	72034	149659	2.49%	0.200%
21	16.833	2418	2422	2427	rBV2	74301	115213	1.91%	0.154%
22	17.057	2453	2460	2470	rBV	2882157	4197072	69.72%	5.596%
23	17.157	2470	2477	2488	rVV	3272630	4933824	81.96%	6.578%
24	17.568	2543	2547	2555	rBV	66099	90385	1.50%	0.121%
25	17.957	2610	2613	2620	rBV	136704	213911	3.55%	0.285%
26	18.533	2705	2711	2717	rBV4	55991	83389	1.39%	0.111%
27	19.086	2800	2805	2807	rBV2	51699	76409	1.27%	0.102%
28	19.115	2807	2810	2814	rVB	51284	77082	1.28%	0.103%
29	19.245	2828	2832	2839	rBV4	74084	109435	1.82%	0.146%
30	19.451	2861	2867	2876	rBV2	4152326	5945967	98.77%	7.928%
31	19.904	2939	2944	2951	rVB	882378	1101318	18.29%	1.468%
32	20.968	3121	3125	3133	rBV	222759	336601	5.59%	0.449%
33	21.174	3156	3160	3166	rBV	109219	154762	2.57%	0.206%
34	21.245	3166	3172	3183	rVV	3806047	5293616	87.94%	7.058%

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35	21.850	3271	3275	3278	rBV3	173527	287143	4.77%	0.383%
36	21.880	3278	3280	3287	rVB	146223	183893	3.05%	0.245%
37	22.009	3298	3302	3308	rVB	473517	638063	10.60%	0.851%
38	22.303	3350	3352	3360	rVB2	71950	98322	1.63%	0.131%
39	22.809	3433	3438	3442	rBV	408875	605578	10.06%	0.807%
40	23.327	3518	3526	3541	rVB2	2946007	6019859	100.00%	8.026%
41	23.468	3542	3550	3562	rVB	2652775	5079603	84.38%	6.773%
42	24.009	3636	3642	3647	rBV	261270	503051	8.36%	0.671%
43	24.744	3762	3767	3776	rVB2	129532	286847	4.77%	0.382%

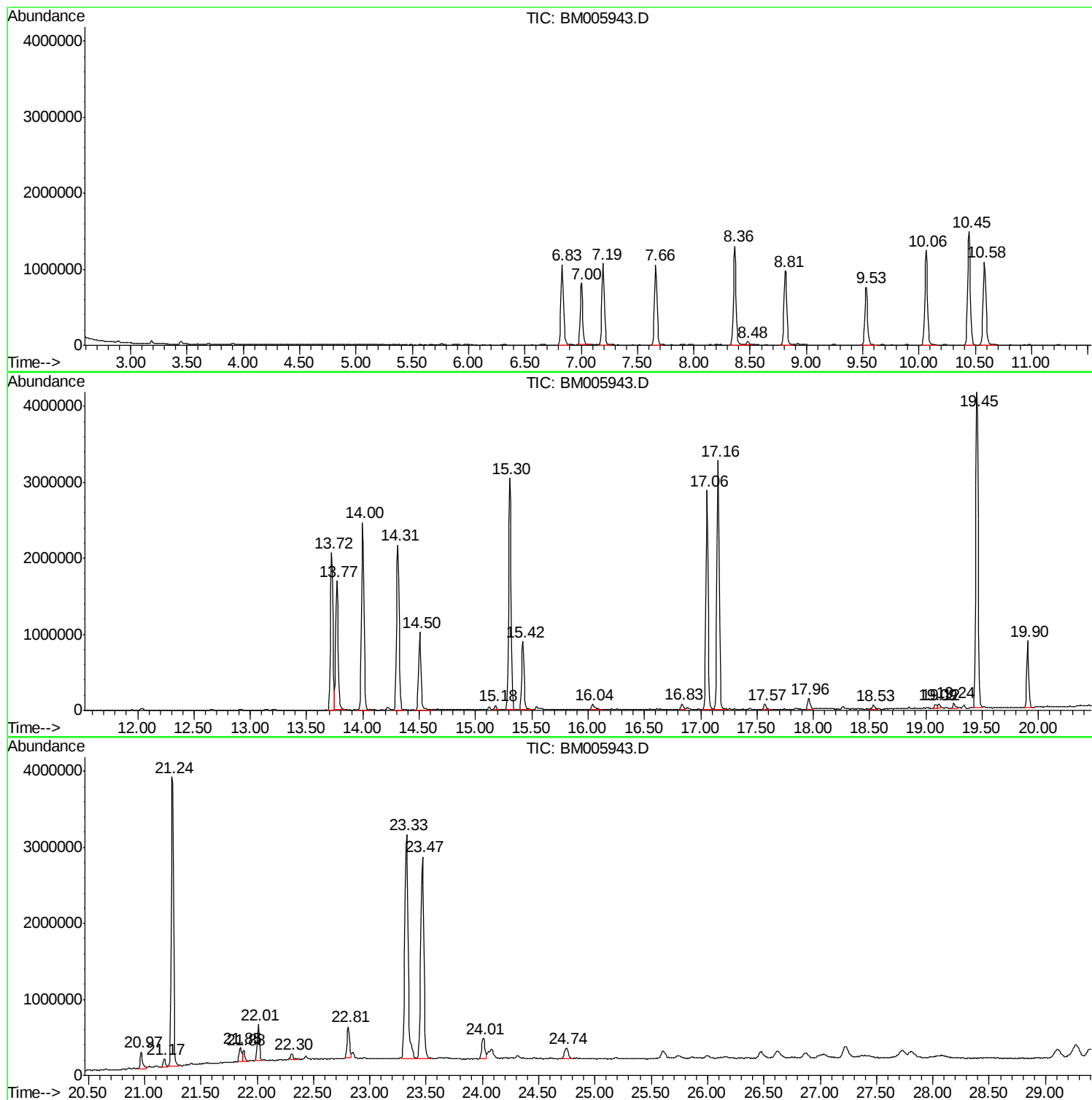
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

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



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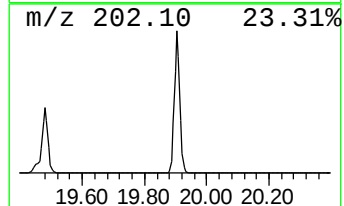
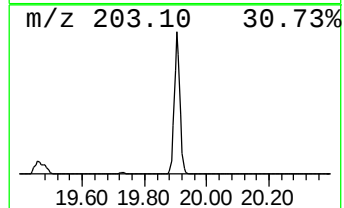
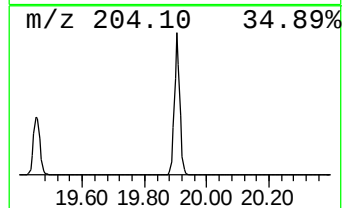
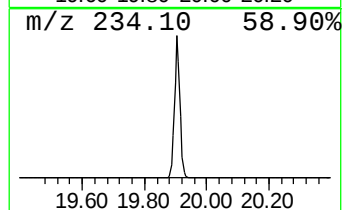
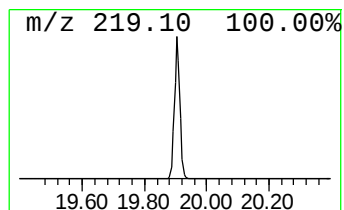
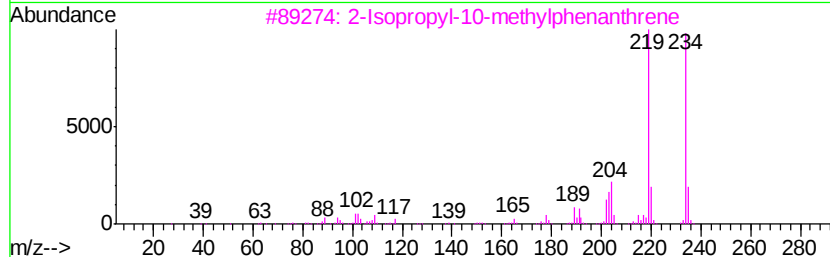
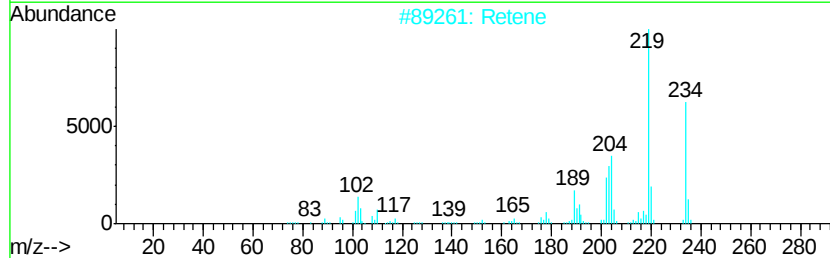
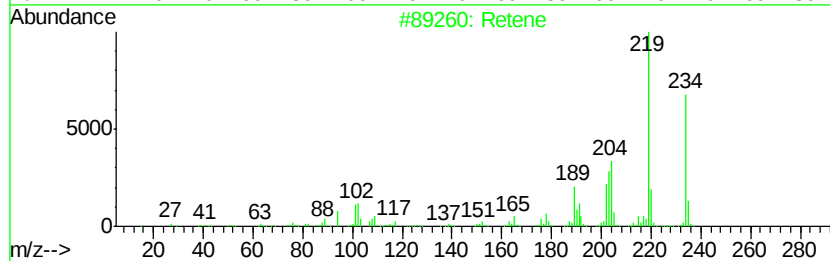
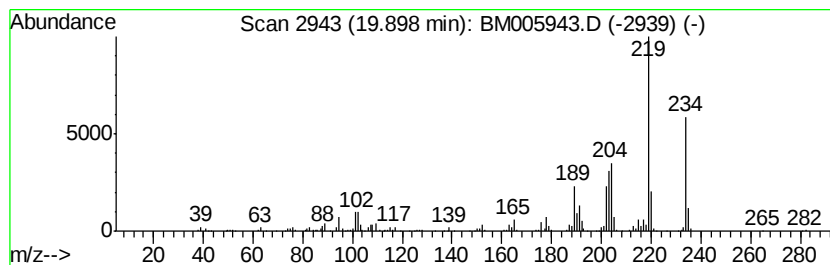
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM062216.M
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Peak Number 1 Retene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	4.16 ng/ul	1101320	Chrysene-d12	21.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Retene		234 C18H18	000483-65-8 99
2	Retene		234 C18H18	000483-65-8 97
3	2-Isopropyl-10-methylphenanthrene		234 C18H18	066552-97-4 95
4	Retene		234 C18H18	000483-65-8 94
5	Phenol, 2,6-bis(1,1-dimethylethy...		234 C16H26O	004130-42-1 49



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Instrument :
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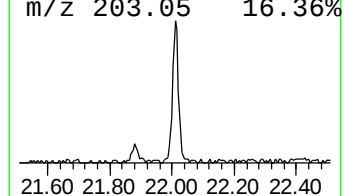
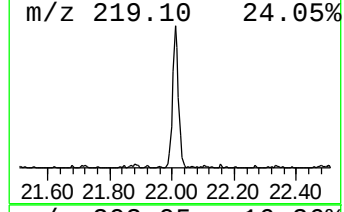
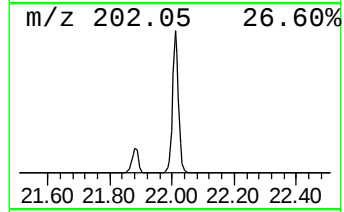
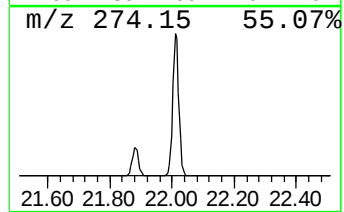
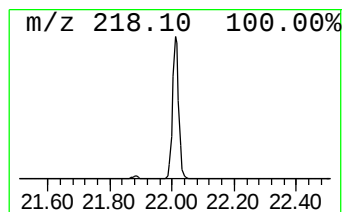
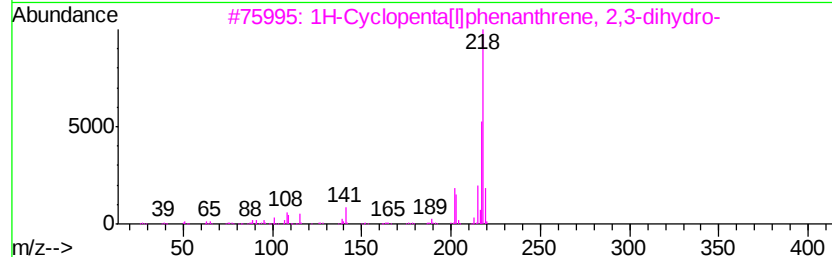
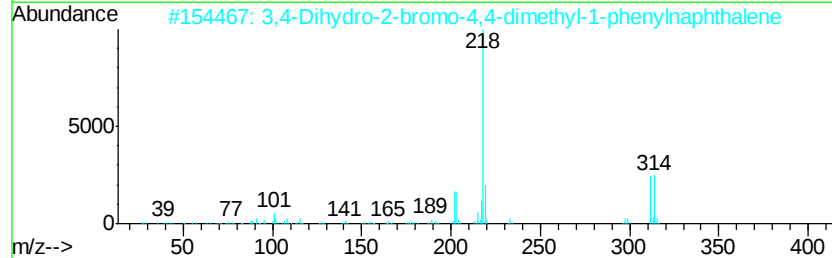
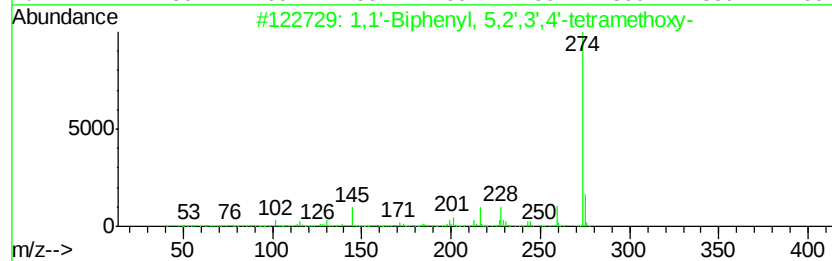
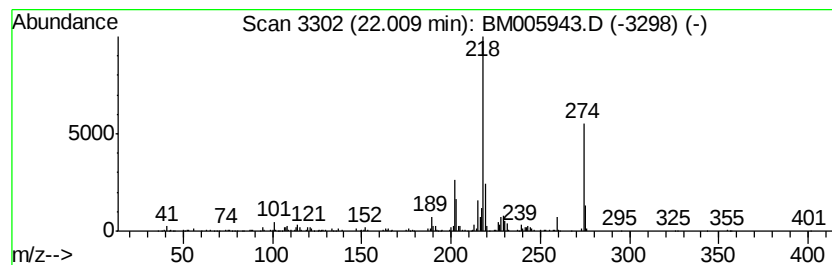
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Peak Number 2 1,1'-Biphenyl, 5,2',3',4'-t... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.01	2.41 ng/ul	638063	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 5,2',3',4'-tetram...	274	C16H18O4	119101-30-3	56
2		3,4-Dihydro-2-bromo-4,4-dimethyl...	312	C18H17Br	071161-44-9	50
3		1H-Cyclopenta[1]phenanthrene, 2,...	218	C17H14	000723-98-8	49
4		Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	46
5		2,4-Diethoxyquinazoline	218	C12H14N2O2	000611-65-4	43



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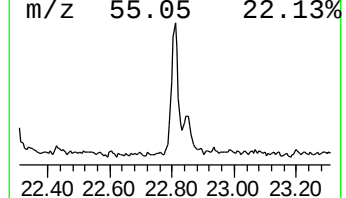
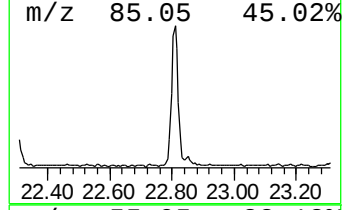
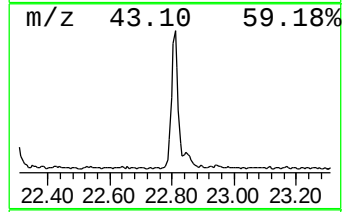
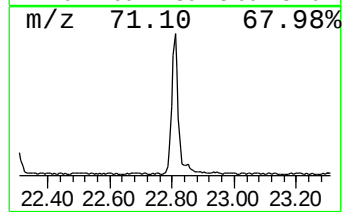
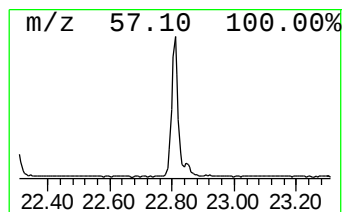
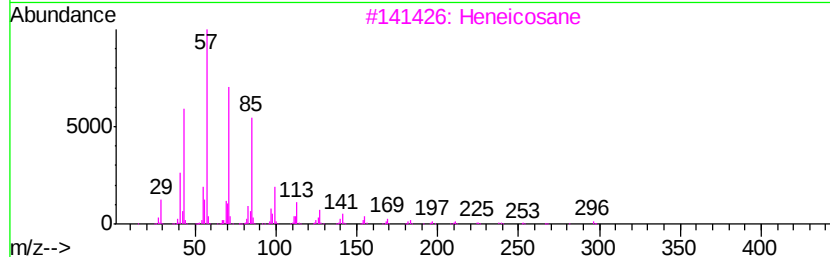
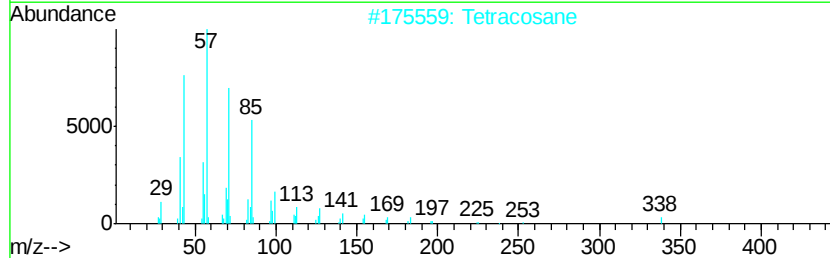
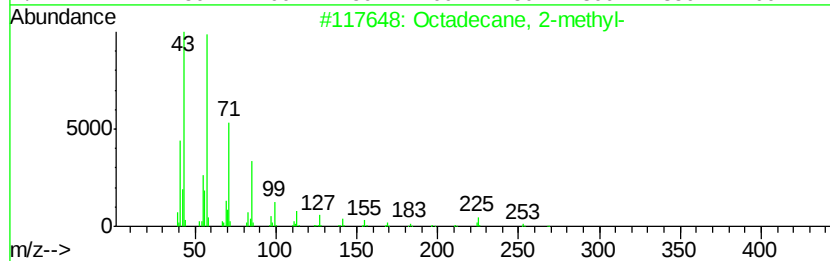
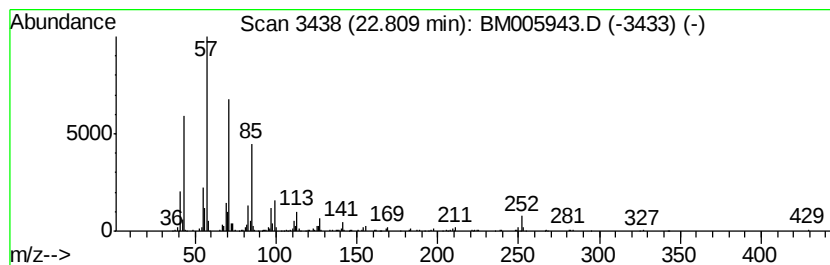
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.81	2.38 ng/ul	605578	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Tetracosane	338	C24H50	000646-31-1	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Eicosane	282	C20H42	000112-95-8	87
5		Tetracosane	338	C24H50	000646-31-1	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Retene	19.90	4.2	ng/ul	1101320	5	21.24	5293620	20.0
1,1'-Biphenyl, 5,...	22.01	2.4	ng/ul	638063	5	21.24	5293620	20.0
(DEL) Alkane: Str...	22.81	2.4	ng/ul	605578	6	23.47	5079600	20.0