

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120116\
 Data File : BM008146.D
 Acq On : 01 Dec 2016 20:17
 Operator : UM/SJ
 Sample : H5730-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WI3

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-BM112916.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	3.251	110	113	121	rBV	41137	54961	1.59%	0.132%
2	6.381	640	645	651	rVB	50630	79842	2.32%	0.192%
3	6.875	723	729	746	rBV2	647613	1326291	38.46%	3.186%
4	7.039	751	757	764	rVV	543764	859982	24.94%	2.066%
5	7.104	764	768	777	rVB3	46277	87029	2.52%	0.209%
6	7.234	783	790	803	rBV	691150	1179606	34.21%	2.833%
7	7.692	862	868	878	rBV	633314	1059312	30.72%	2.544%
8	8.404	982	989	1004	rBV	734323	1275440	36.99%	3.064%
9	8.851	1058	1065	1081	rBV	629492	1114469	32.32%	2.677%
10	9.569	1180	1187	1201	rBV	533206	941172	27.29%	2.261%
11	10.104	1271	1278	1299	rBV	712559	1375055	39.87%	3.303%
12	10.469	1333	1340	1348	rBV	833271	1417513	41.11%	3.405%
13	10.622	1359	1366	1386	rBV	480483	1070037	31.03%	2.570%
14	13.745	1891	1897	1902	rBV	1236722	1821552	52.82%	4.375%
15	13.798	1902	1906	1918	rVB	456067	682955	19.80%	1.640%
16	14.027	1937	1945	1959	rBV	1386094	2159872	62.63%	5.188%
17	14.333	1990	1997	2009	rBV	1141220	1712651	49.66%	4.114%
18	14.574	2032	2038	2065	rBV2	199861	621316	18.02%	1.492%
19	15.327	2157	2166	2175	rBV	1742599	2645716	76.72%	6.355%
20	15.480	2186	2192	2204	rBV	406378	687549	19.94%	1.651%
21	15.574	2204	2208	2215	rVB3	27158	44456	1.29%	0.107%
22	17.086	2459	2465	2475	rBV	1312726	1876920	54.43%	4.508%
23	17.186	2475	2482	2494	rVV	1788849	2642457	76.63%	6.347%
24	17.468	2523	2530	2538	rBV8	18741	40549	1.18%	0.097%
25	17.974	2610	2616	2622	rBV2	48763	77760	2.25%	0.187%
26	18.362	2678	2682	2689	rVV6	27877	48426	1.40%	0.116%
27	18.550	2709	2714	2718	rBV	189326	258080	7.48%	0.620%
28	18.698	2734	2739	2746	rVB	1368614	1697692	49.23%	4.078%
29	19.121	2807	2811	2813	rBV	29296	36404	1.06%	0.087%
30	19.197	2819	2824	2830	rVB	409258	506687	14.69%	1.217%
31	19.262	2831	2835	2838	rBV4	28759	46066	1.34%	0.111%
32	19.486	2867	2873	2886	rBV	2297416	3223596	93.48%	7.743%
33	19.927	2943	2948	2953	rBV	631028	778212	22.57%	1.869%
34	20.986	3125	3128	3133	rBV5	55403	65358	1.90%	0.157%

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35	21.280	3173	3178	3184	rBV	1850574	2359752	68.43%	5.668%
36	23.374	3528	3534	3547	rVB2	1809312	3448425	100.00%	8.283%
37	23.515	3552	3558	3566	rBV2	1197105	2309901	66.98%	5.548%

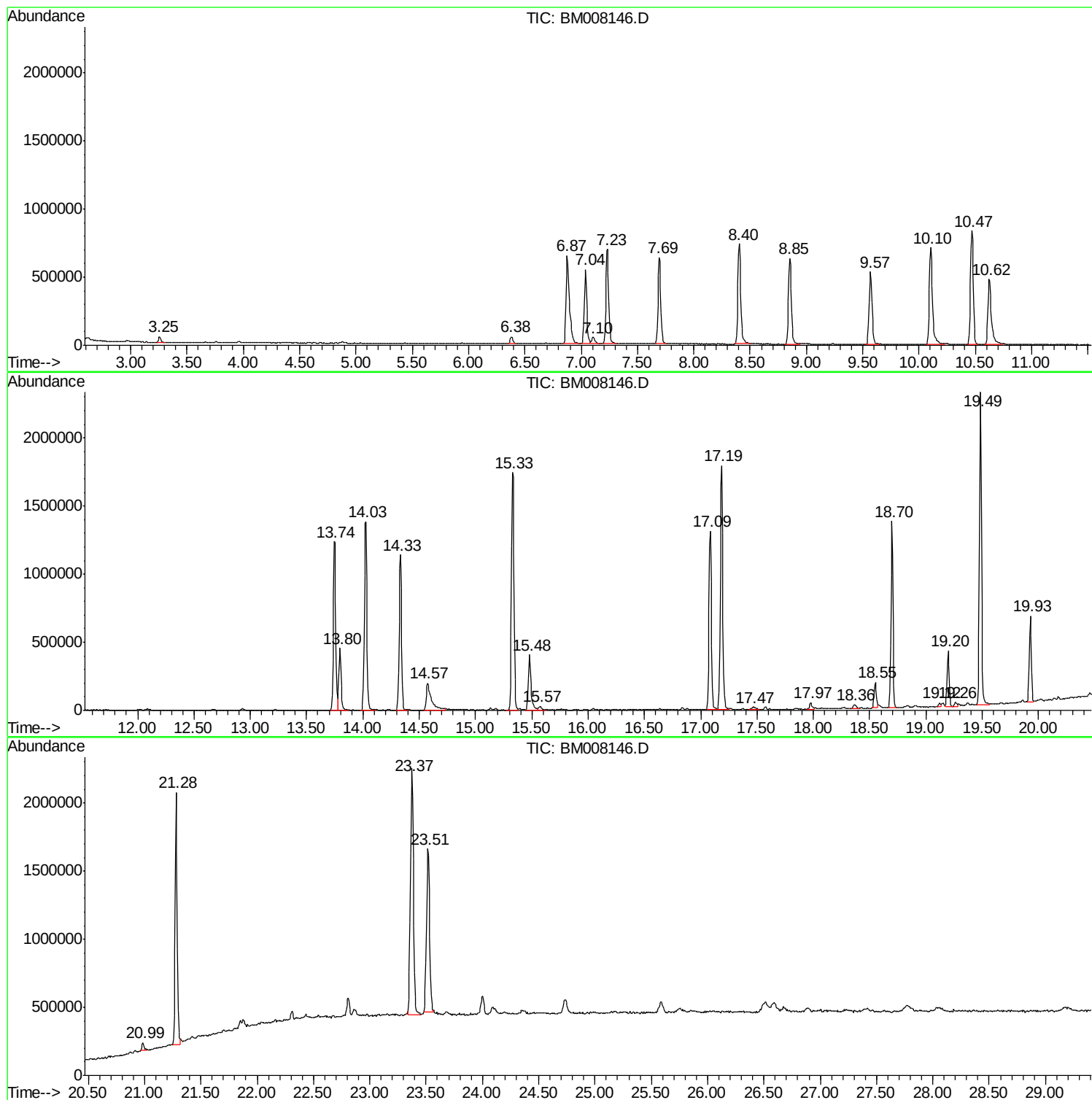
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM112916.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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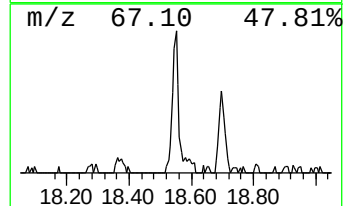
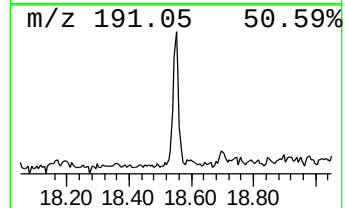
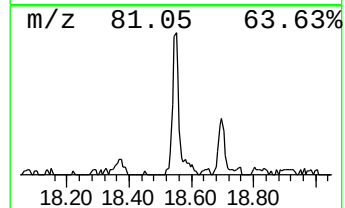
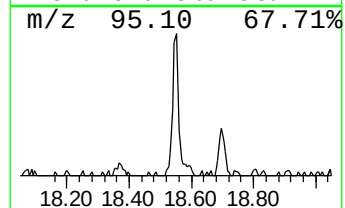
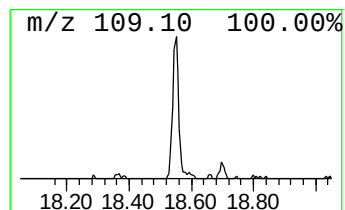
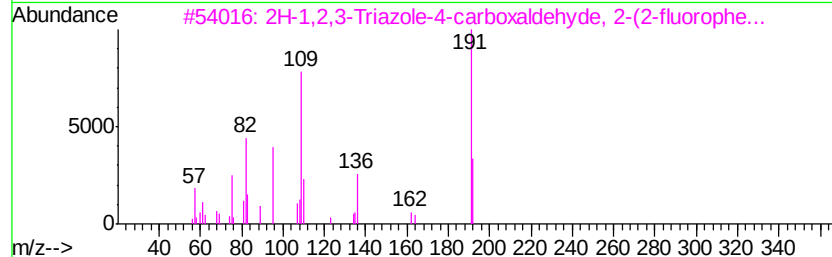
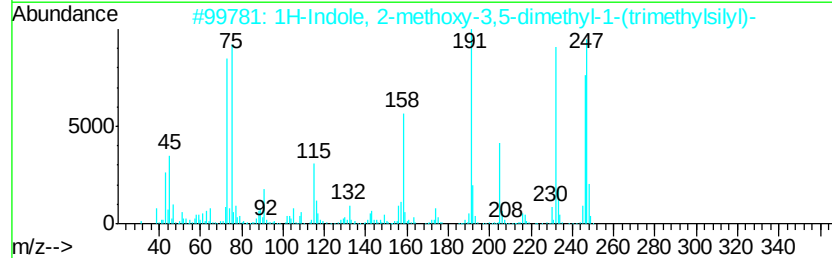
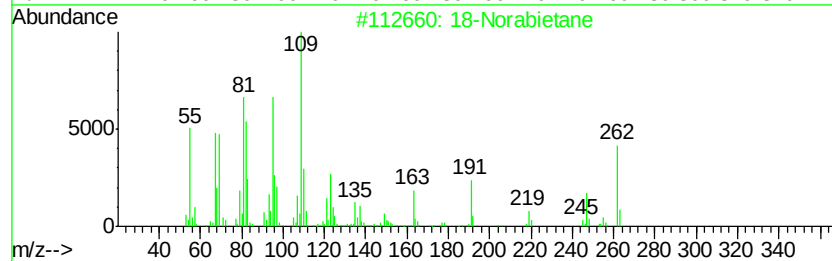
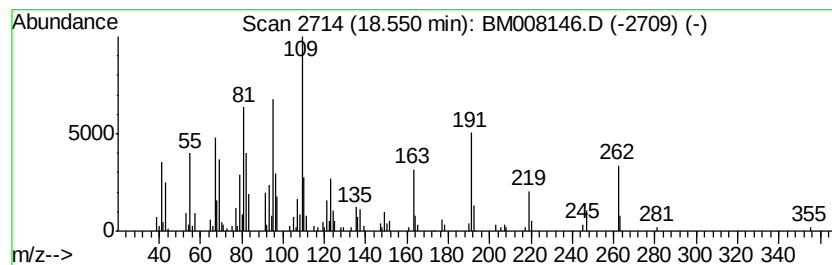
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Peak Number 1 18-Norabietane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	2.75 ng/ul	258080	Phenanthrene-d10	17.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	18-Norabietane	262	C19H34	1000293-16-6 97
2	1H-Indole, 2-methoxy-3,5-dimethy...	247	C14H21NOSi	074367-60-5 53
3	2H-1,2,3-Triazole-4-carboxaldehv...	191	C9H6FN3O	051306-43-5 49
4	Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6 32
5	1H-Pyrazole, 4-(2-bromoethyl)-3,...	202	C7H11BrN2	083467-28-1 22



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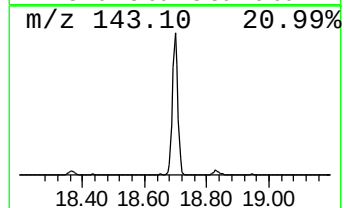
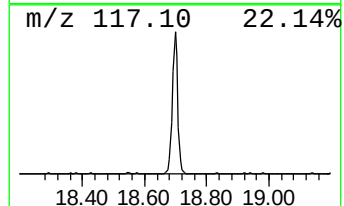
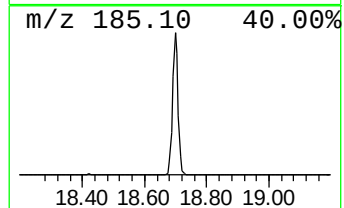
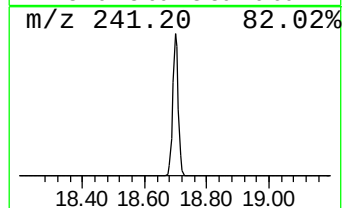
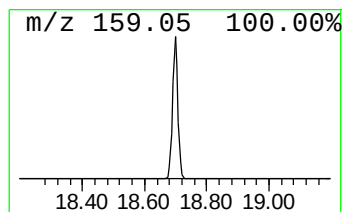
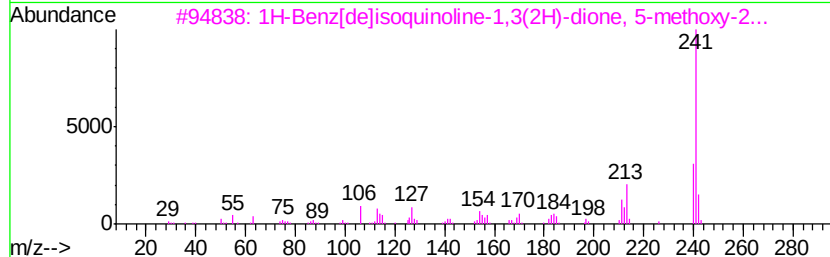
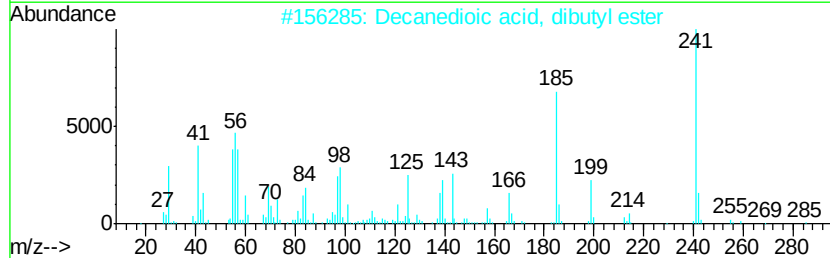
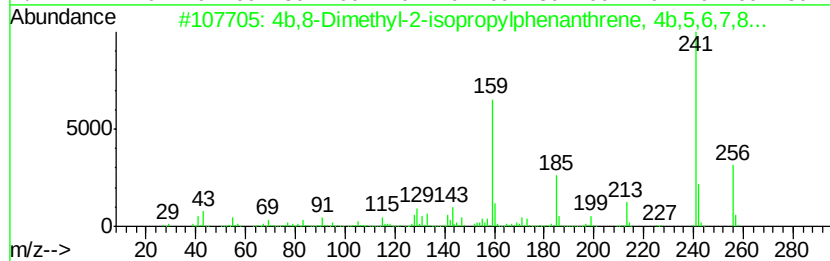
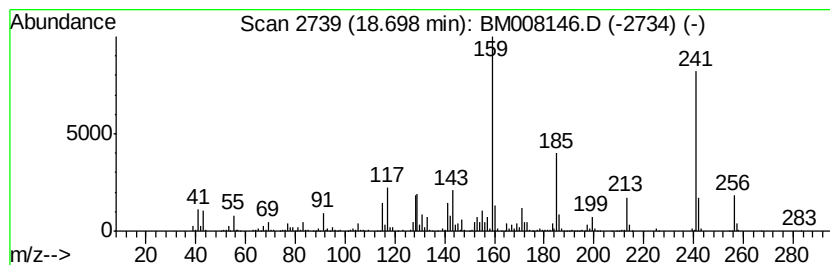
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Peak Number 2 4b,8-Dimethyl-2-isopropylph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	18.09 ng/ul	1697690	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	94
2		Decanedioic acid, dibutyl ester	314	C18H34O4	000109-43-3	38
3		1H-Benz[de]isoquinoline-1,3(2H)-...	241	C14H11N03	055133-82-9	30
4		Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	27
5		Uracil, 5-(p-cyanophenyl)-1,3-di...	241	C13H11N3O2	1000164-78-4	22



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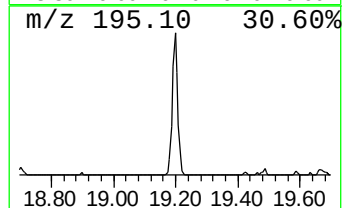
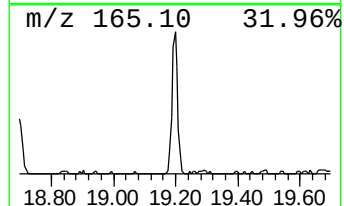
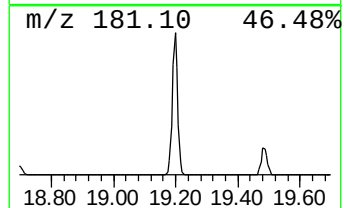
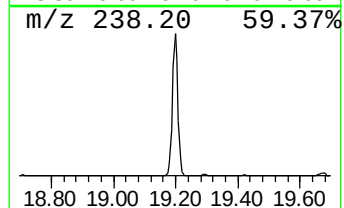
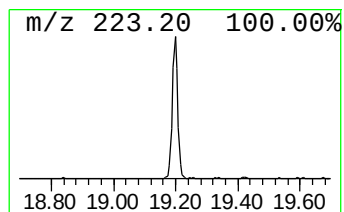
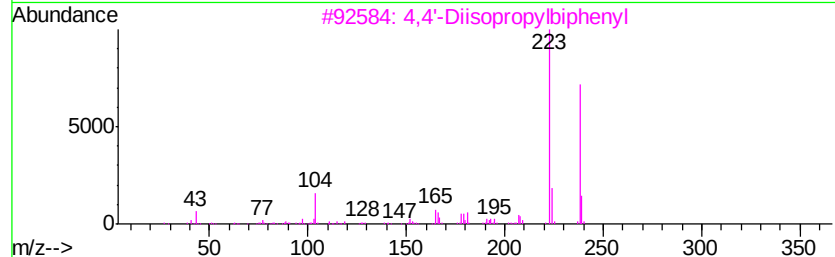
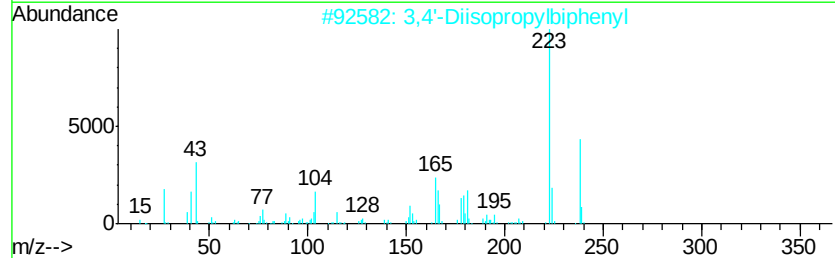
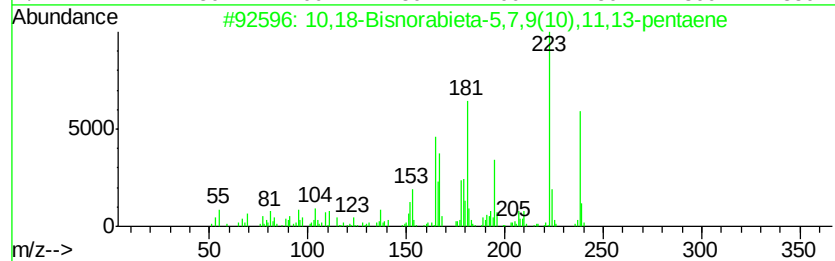
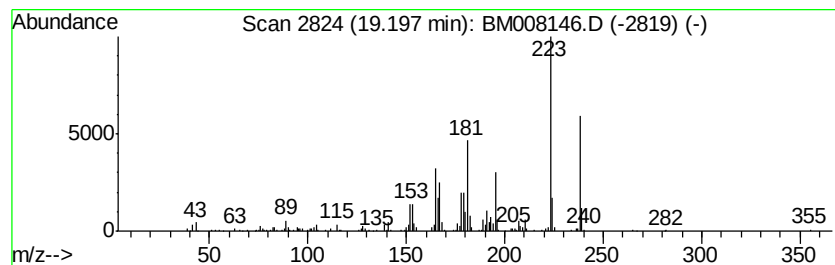
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Peak Number 3 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	4.29 ng/ul	506687	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	76
3		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	55
4		Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	49
5		Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	45



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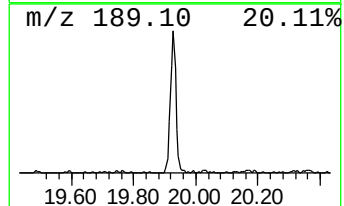
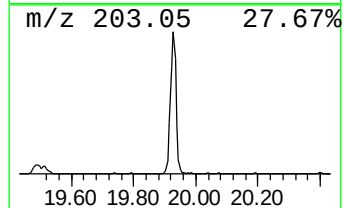
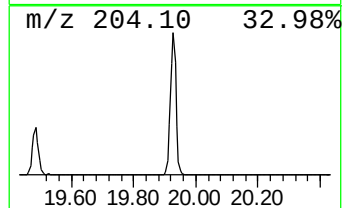
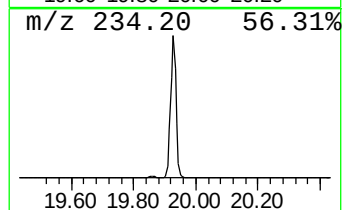
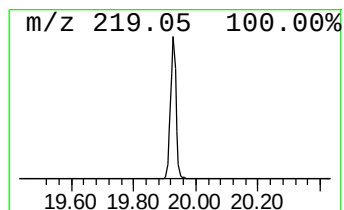
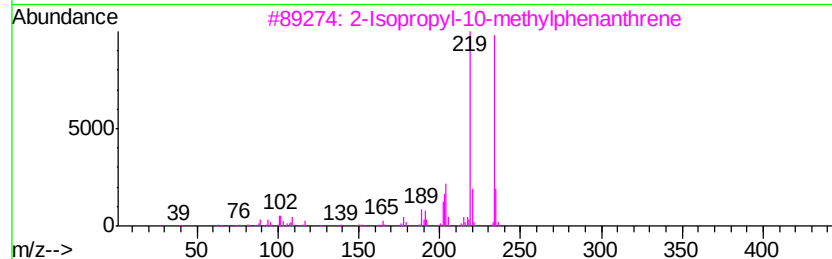
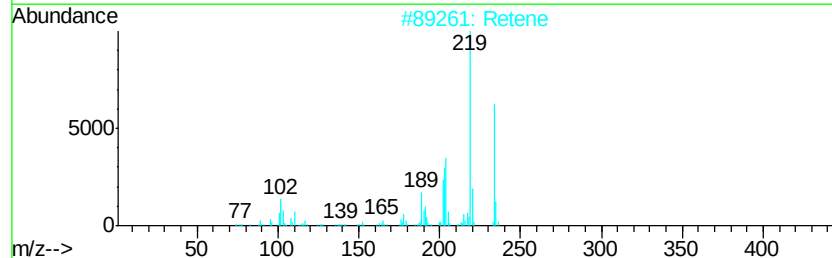
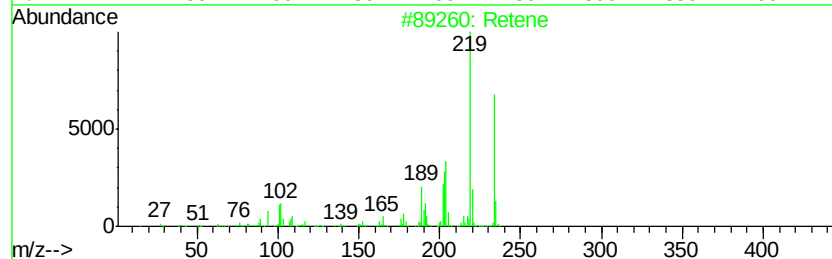
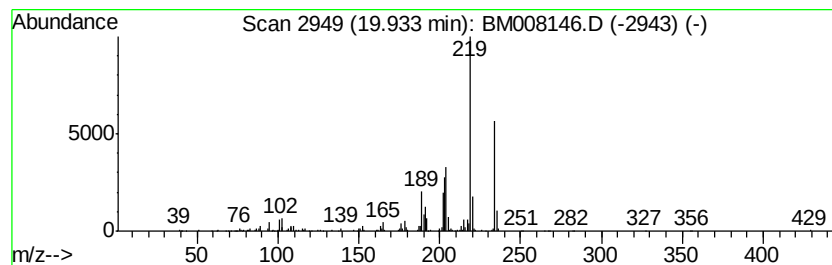
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Peak Number 4 Retene Concentration Rank 2

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19.93	6.60 ng/ul	778212	Chrysene-d12	21.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Retene		234 C18H18	000483-65-8 98
2	Retene		234 C18H18	000483-65-8 95
3	2-Isopropyl-10-methylphenanthrene		234 C18H18	066552-97-4 94
4	Retene		234 C18H18	000483-65-8 78
5	Retene		234 C18H18	000483-65-8 68



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
18-Norabietane	18.55	2.8	ng/ul	258080	4	17.09	1876920	20.0
4b,8-Dimethyl-2-i...	18.70	18.1	ng/ul	1697690	4	17.09	1876920	20.0
10,18-Bisnorabiet...	19.20	4.3	ng/ul	506687	5	21.28	2359750	20.0
Retene	19.93	6.6	ng/ul	778212	5	21.28	2359750	20.0