

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
 Data File : BM014449.D
 Acq On : 02 Mar 2018 01:00
 Operator : SJ/JU
 Sample : J1678-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5W6

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\SOM-EPA-BM021418.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	4.693	288	290	298	rVB2	22776	35528	1.09%	0.114%
2	6.734	630	637	649	rBV	340873	676674	20.69%	2.175%
3	6.869	654	660	671	rVB	244847	414301	12.67%	1.332%
4	7.063	686	693	704	rBV2	394782	659907	20.18%	2.121%
5	7.516	763	770	780	rBV	319028	544672	16.66%	1.751%
6	8.251	889	895	907	rBV	428759	812943	24.86%	2.613%
7	8.681	960	968	982	rBV	394428	693445	21.21%	2.229%
8	9.045	1023	1030	1035	rBV3	27718	48518	1.48%	0.156%
9	9.392	1083	1089	1102	rBV	333560	615016	18.81%	1.977%
10	9.945	1177	1183	1193	rBV	466042	901228	27.56%	2.897%
11	10.292	1236	1242	1247	rBV	473021	789657	24.15%	2.538%
12	10.339	1247	1250	1256	rVB	55248	84936	2.60%	0.273%
13	10.451	1262	1269	1279	rBV	386224	787228	24.08%	2.530%
14	12.986	1694	1700	1703	rBV4	24429	34742	1.06%	0.112%
15	13.604	1799	1805	1810	rBV	996114	1383363	42.31%	4.446%
16	13.651	1810	1813	1818	rVB	178143	234638	7.18%	0.754%
17	13.874	1841	1851	1864	rBV	1133114	1793247	54.84%	5.764%
18	14.080	1880	1886	1890	rBV3	68294	102068	3.12%	0.328%
19	14.180	1895	1903	1910	rBV3	752931	1146531	35.06%	3.685%
20	14.233	1910	1912	1919	rVB7	20459	33994	1.04%	0.109%
21	14.480	1948	1954	1969	rBV2	226200	650518	19.89%	2.091%
22	15.033	2042	2048	2056	rVB8	75858	140855	4.31%	0.453%
23	15.186	2068	2074	2080	rBV	1372373	1931995	59.09%	6.210%
24	15.368	2101	2105	2110	rBV7	32453	52463	1.60%	0.169%
25	15.433	2110	2116	2123	rVV10	26889	72575	2.22%	0.233%
26	15.904	2192	2196	2204	rBV6	54649	119947	3.67%	0.386%
27	16.604	2314	2315	2321	rBV6	26828	42640	1.30%	0.137%
28	16.704	2329	2332	2335	rVB5	30907	33099	1.01%	0.106%
29	16.945	2367	2373	2377	rBV2	979994	1457566	44.58%	4.685%
30	16.986	2377	2380	2385	rVB	348913	458698	14.03%	1.474%
31	17.045	2385	2390	2395	rBV	1620742	2202550	67.36%	7.079%
32	17.827	2519	2523	2524	rBV3	79260	91467	2.80%	0.294%
33	17.851	2524	2527	2536	rVB2	180228	426019	13.03%	1.369%
34	18.015	2551	2555	2559	rBV5	90994	163373	5.00%	0.525%

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35	18.280	2598	2600	2604	rVB5	55127	75808	2.32%	0.244%
36	18.327	2606	2608	2613	rVV2	60915	73655	2.25%	0.237%
37	18.398	2616	2620	2623	rVV6	64217	89669	2.74%	0.288%
38	18.562	2645	2648	2656	rVB9	89358	139032	4.25%	0.447%
39	19.021	2721	2726	2731	rBV	948823	1266326	38.73%	4.070%
40	19.356	2778	2783	2787	rBV	2122726	3269843	100.00%	10.510%
41	19.386	2787	2788	2793	rVB	850901	799311	24.44%	2.569%
42	19.803	2856	2859	2863	rVB	347594	392295	12.00%	1.261%
43	20.339	2947	2950	2954	rVB	252427	306487	9.37%	0.985%
44	20.868	3037	3040	3046	rBV4	459673	561061	17.16%	1.803%
45	21.162	3085	3090	3094	rBV2	1514607	2283796	69.84%	7.340%
46	21.197	3094	3096	3102	rVB	478350	542237	16.58%	1.743%
47	23.215	3435	3439	3444	rVB	1093652	1676949	51.29%	5.390%

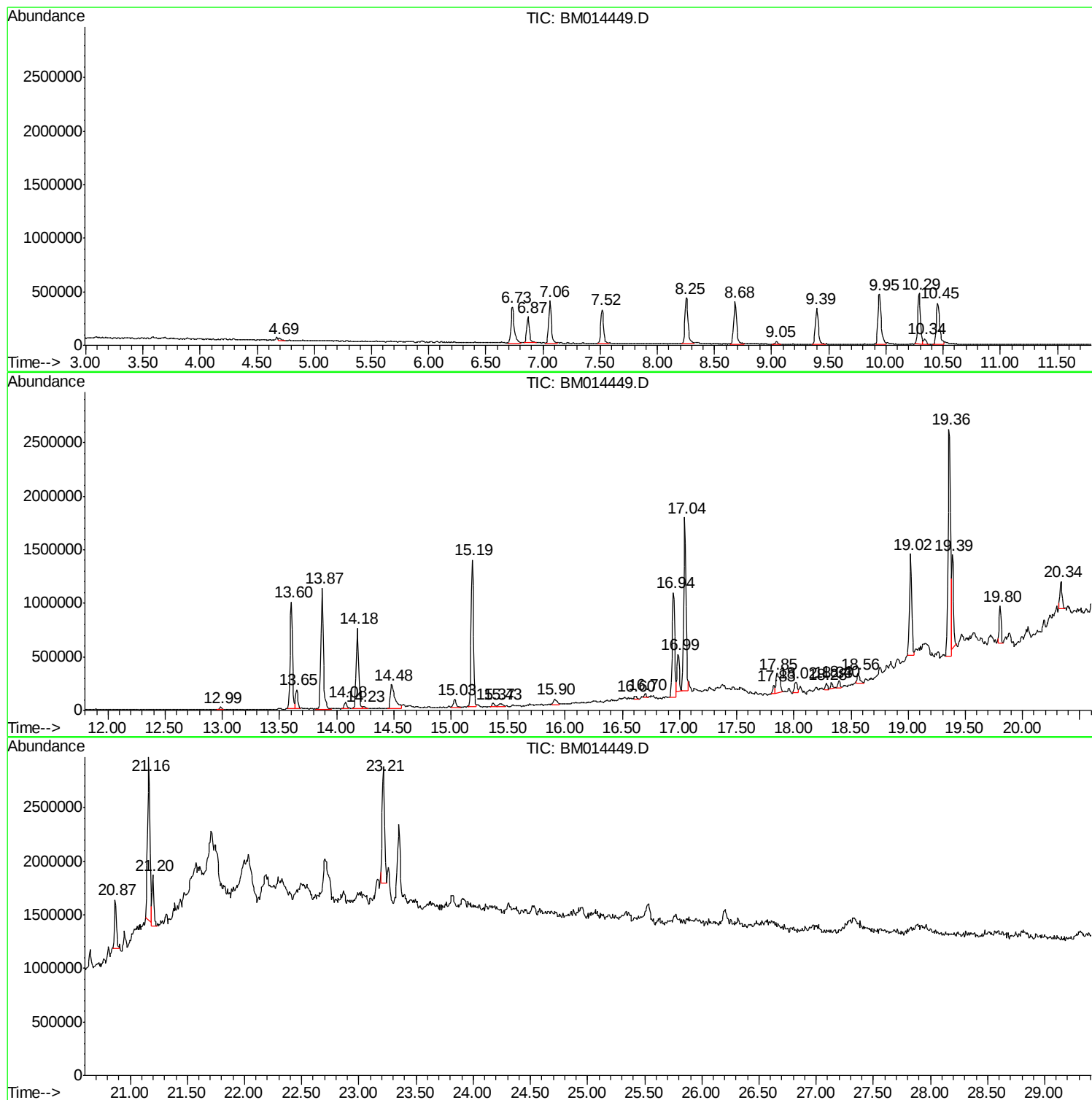
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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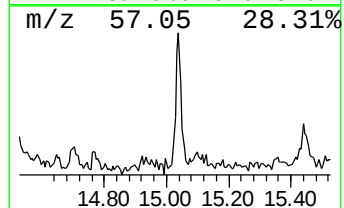
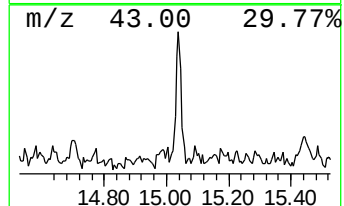
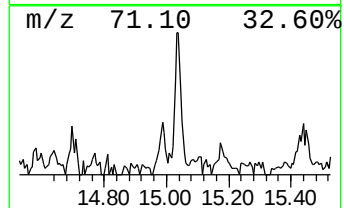
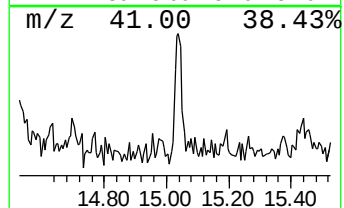
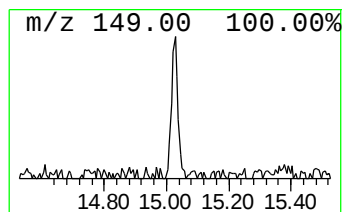
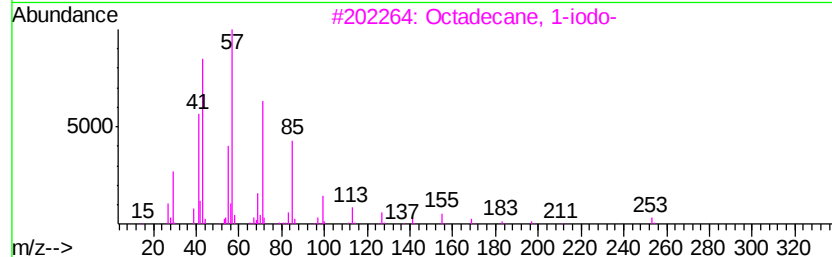
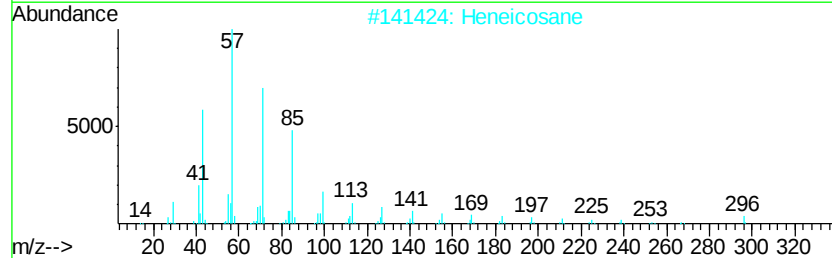
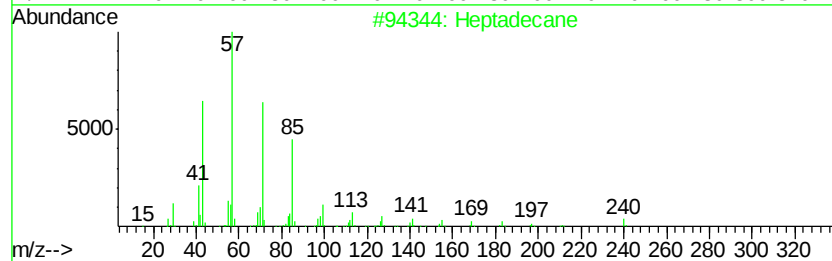
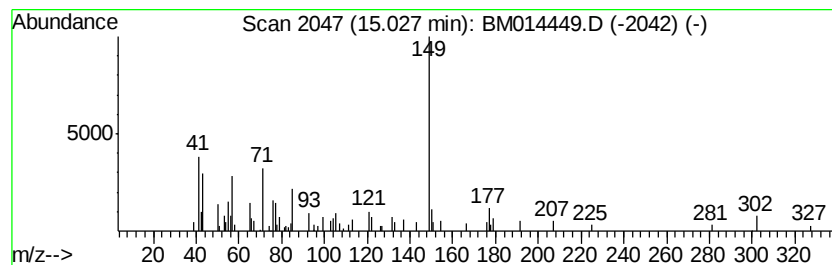
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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	2.46 ng/ul	140855	Acenaphthene-d10	14.18

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	38
2		Heneicosane	296	C21H44	000629-94-7	38
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	38
4		Decane, 1-iodo-	268	C10H21I	002050-77-3	38
5		Octadecane	254	C18H38	000593-45-3	38



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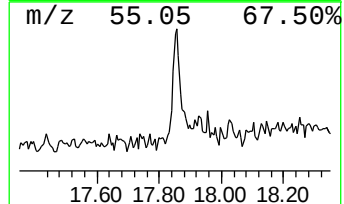
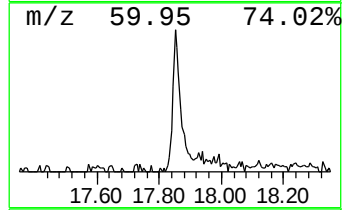
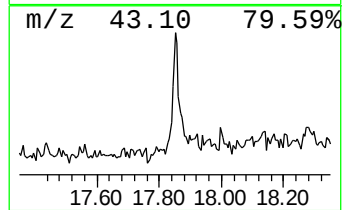
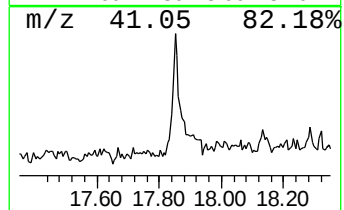
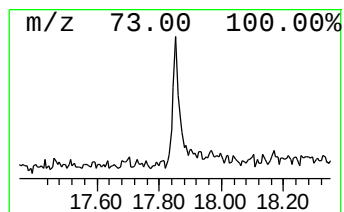
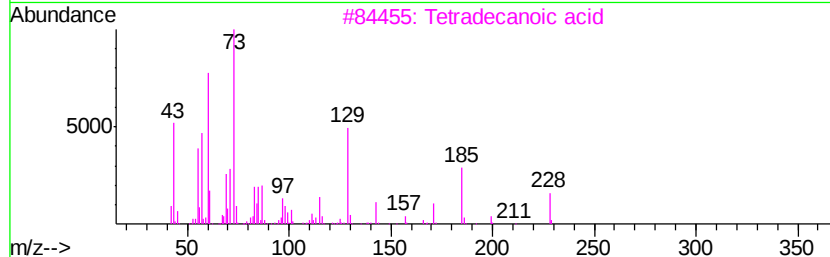
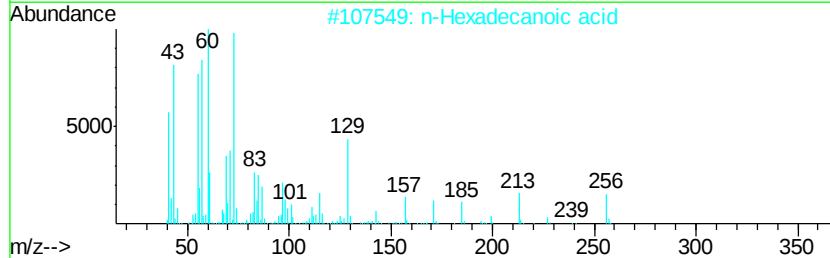
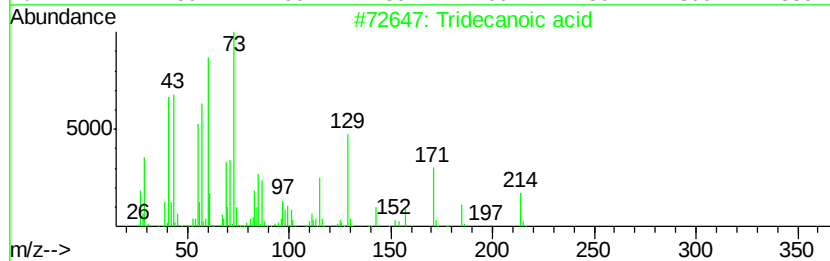
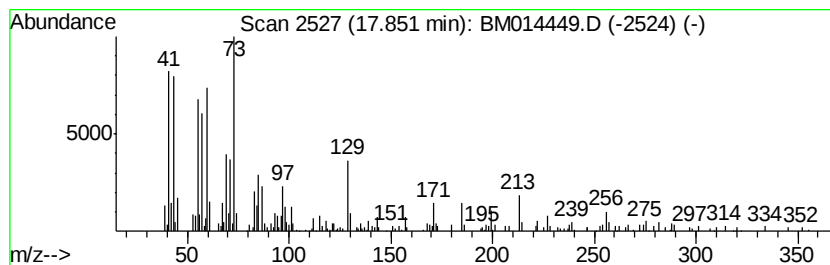
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Peak Number 2 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	5.85 ng/ul	426019	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	91
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4			Tridecanoic acid	214	C13H26O2	000638-53-9	81
5			Tridecanoic acid	214	C13H26O2	000638-53-9	81



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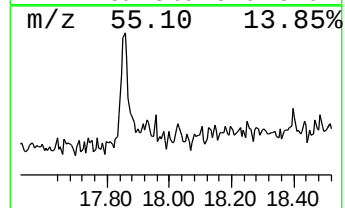
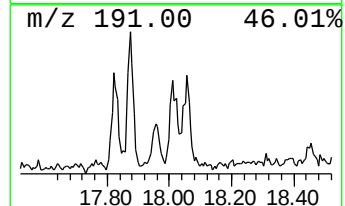
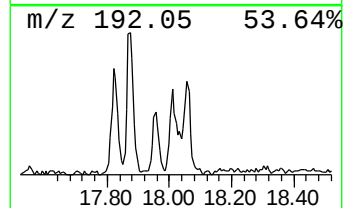
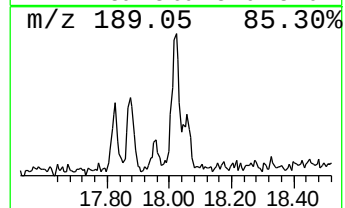
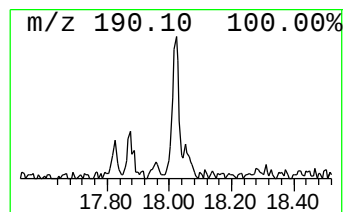
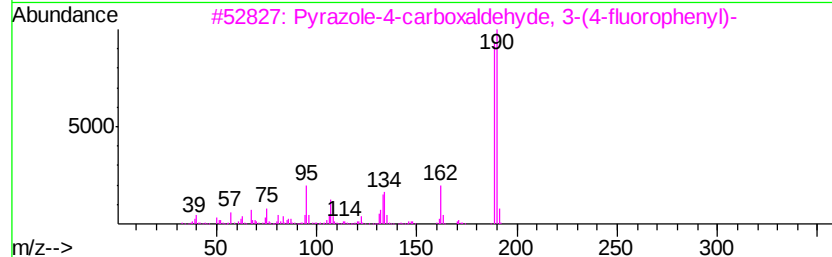
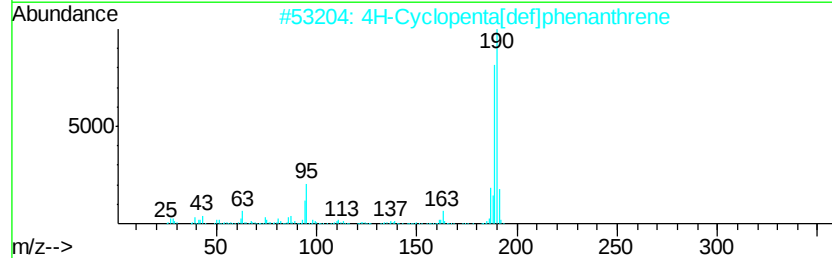
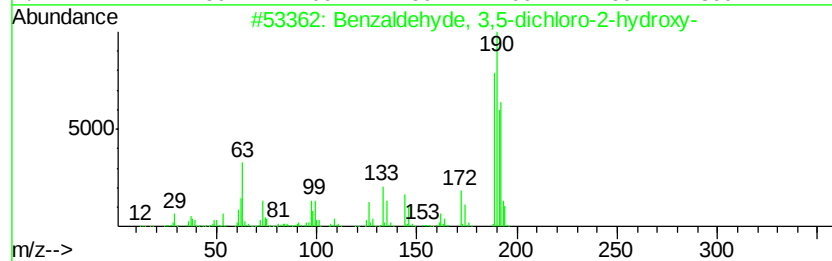
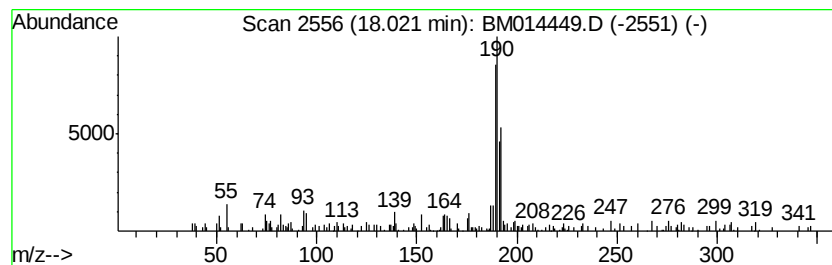
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Peak Number 3 Benzaldehyde, 3,5-dichloro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.24 ng/ul	163373	Phenanthrene-d10	16.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzaldehyde, 3,5-dichloro-2-hvd...	190	C7H4Cl2O2	000090-60-8	64
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3		Pvrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	35
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30



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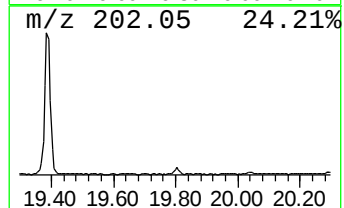
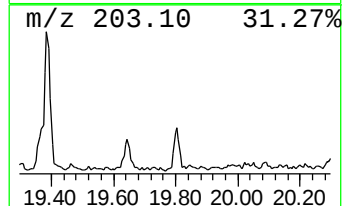
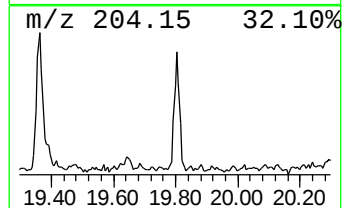
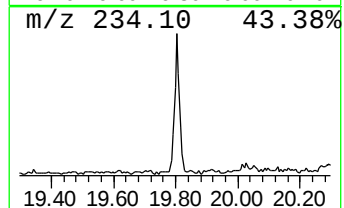
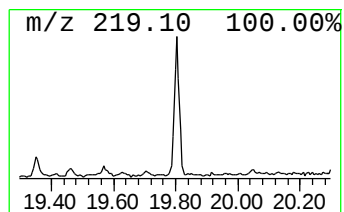
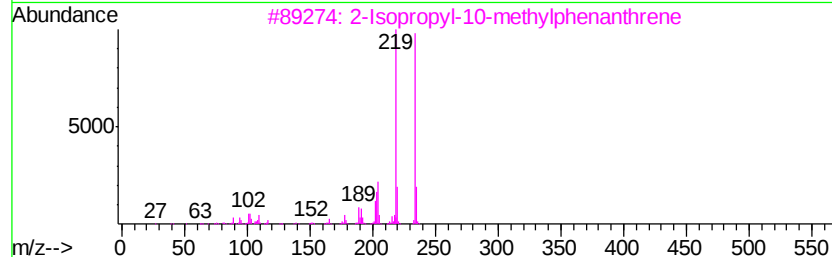
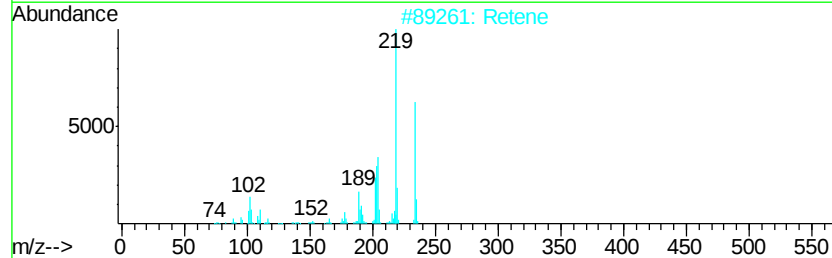
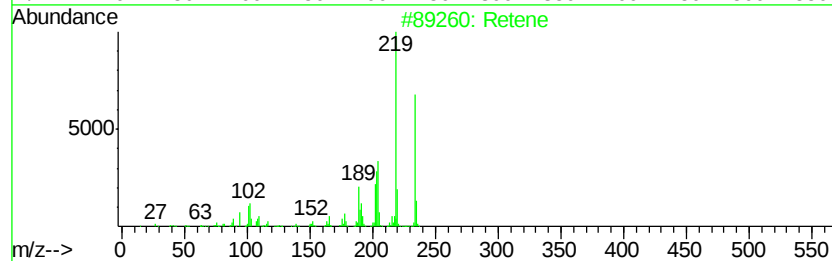
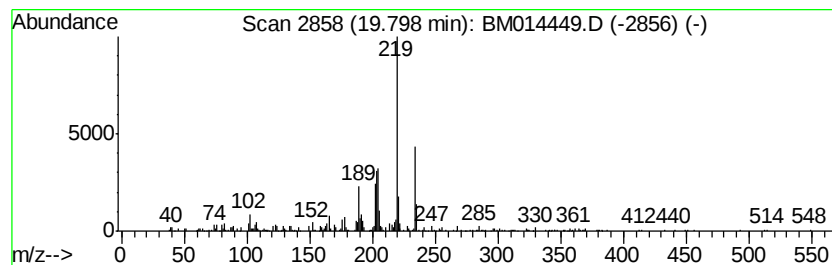
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Peak Number 4 Retene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	3.44 ng/ul	392295	Chrysene-d12	21.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene			234	C18H18	000483-65-8	94
2	Retene			234	C18H18	000483-65-8	93
3	2-Isopropyl-10-methylphenanthrene			234	C18H18	066552-97-4	83
4	Phenanthrene, 2,4,5,7-tetramethyl-			234	C18H18	007396-38-5	81
5	Retene			234	C18H18	000483-65-8	78



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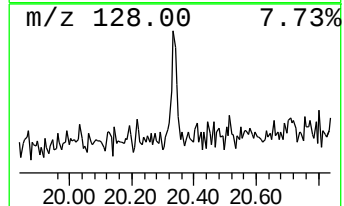
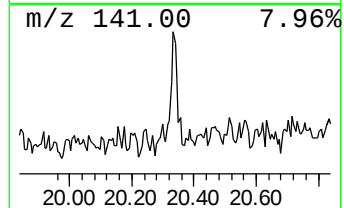
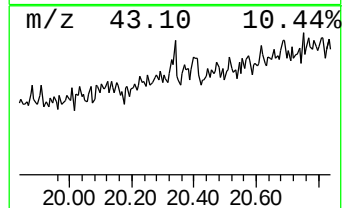
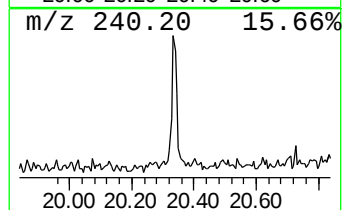
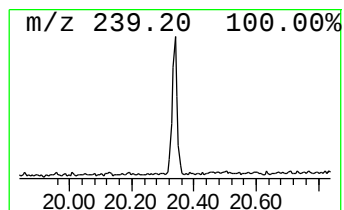
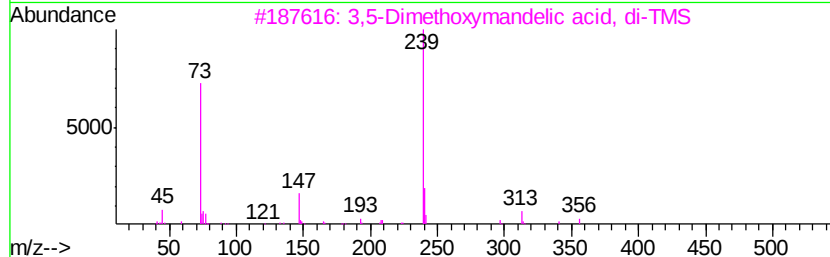
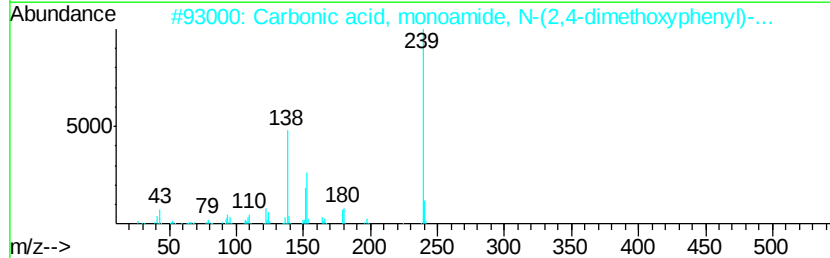
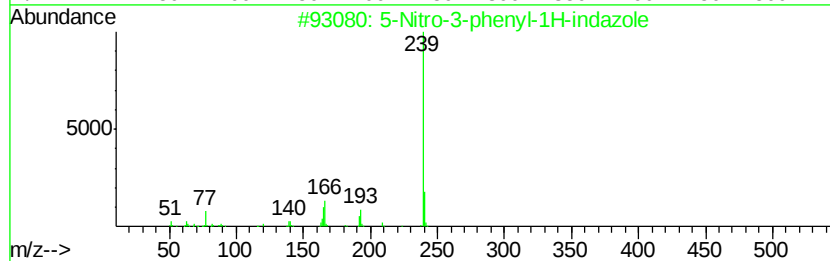
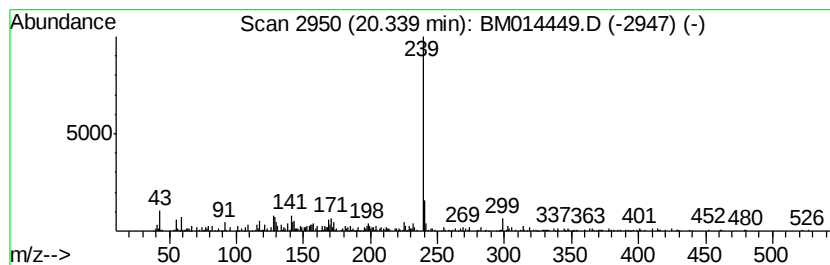
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 5-Nitro-3-phenyl-1H-indazole Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	2.68 ng/ul	306487	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Nitro-3-phenyl-1H-indazole	239	C13H9N3O2	293758-67-5	64	
2	Carbonic acid, monoamide, N-(2,4...	239	C12H17N04	1000340-19-5	64	
3	3,5-Dimethoxymandelic acid, di-TMS	356	C16H28O5Si2	1000072-02-9	64	
4	3,5-Bis(trifluoromethyl)benzonit...	239	C9H3F6N	027126-93-8	59	
5	3-Quinolinecarboxylic acid, 4-hy...	285	C13H10F3N03	023851-84-5	50	



Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014449.D
Acq On : 02 Mar 2018 01:00
Operator : SJ/JU
Sample : J1678-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5W6

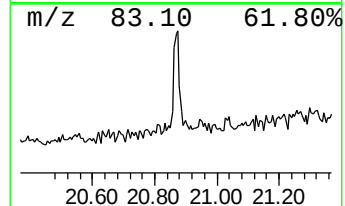
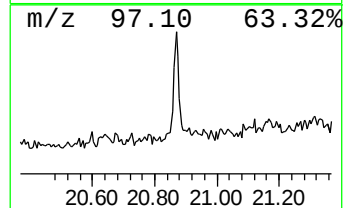
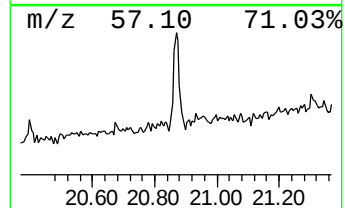
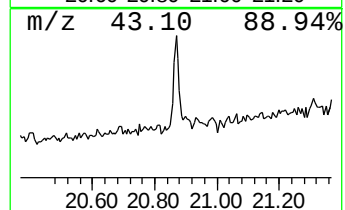
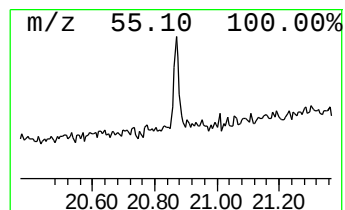
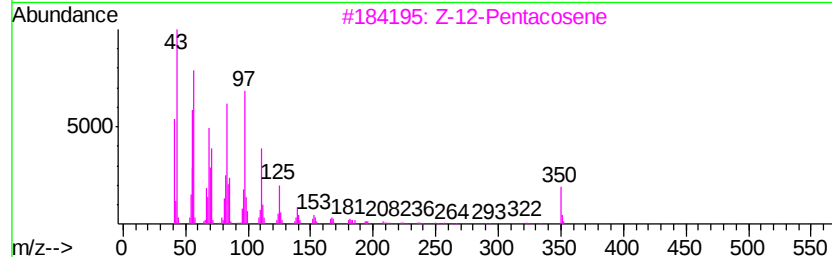
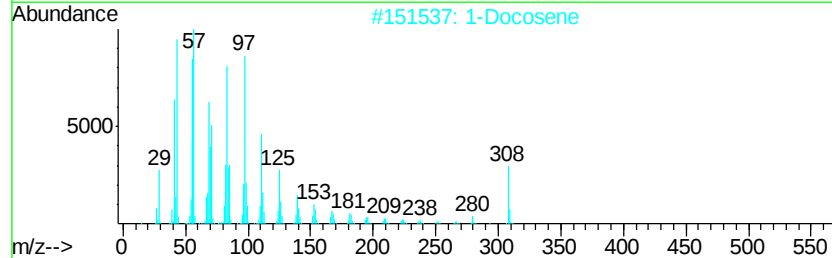
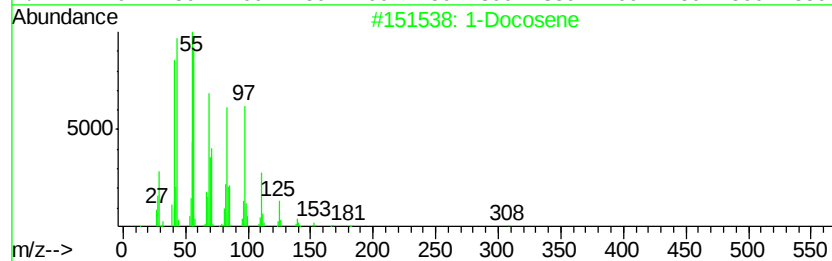
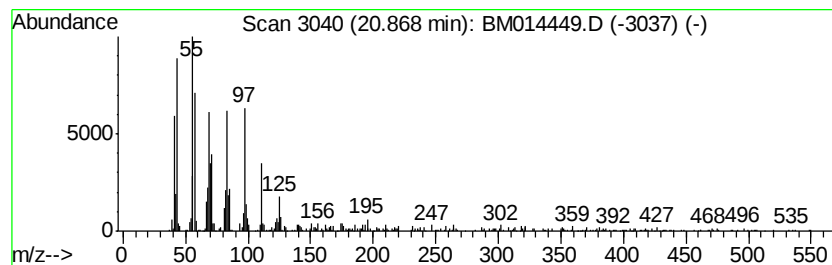
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic20.87 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	4.91 ng/ul	561061	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	94
2		1-Docosene	308	C22H44	001599-67-3	94
3		Z-12-Pentacosene	350	C25H50	1000131-09-4	93
4		9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
5		1-Nonadecene	266	C19H38	018435-45-5	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030118\
Data File : BM014449.D
Acq On : 02 Mar 2018 01:00
Operator : SJ/JU
Sample : J1678-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5W6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	15.03	2.5	ng/ul	140855	3	14.18	1146530	20.0
Tridecanoic acid	17.85	5.8	ng/ul	426019	4	16.94	1457570	20.0
Benzaldehyde, 3,5...	18.02	2.2	ng/ul	163373	4	16.94	1457570	20.0
Retene	19.80	3.4	ng/ul	392295	5	21.16	2283800	20.0
5-Nitro-3-phenyl-...	20.34	2.7	ng/ul	306487	5	21.16	2283800	20.0
(DEL) Alkane: Cyc...	20.87	4.9	ng/ul	561061	5	21.16	2283800	20.0