LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012298.D
Acq On : 19 Oct 2017 02:38
Operator : SJ/JU
Sample : I5747-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-23(0-1)-100517

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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 >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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	3.546	73	78	89	rVB	246728	307048	6.89%	0.513%
2	3.728	105	109	114	rBV	63040	76931	1.73%	0.129%
3	3.940	139	145	160	rBV	1113665	1593989	35.75%	2.664%
4	4.469	229	235	251	rVB2	438735	707587	15.87%	1.183%
5	5.275	367	372	378	rBV	47220	76310	1.71%	0.128%
6	5.404	387	394	405	rBV	147760	315825	7.08%	0.528%
7	5.775	450	457	465	rBV3	100958	199502	4.47%	0.333%
8	6.951	645	657	676	rBV2	263827	672121	15.08%	1.124%
9	7.110	679	684	697	rVB	255696	433534	9.72%	0.725%
10	7.310	711	718	725	rBV	348265	620754	13.92%	1.038%
11	7.375	725	729	733	rVV	56523	92947	2.08%	0.155%
12	7.416	733	736	742	rVB3	32658	49671	1.11%	0.083%
13	7.775	792	797	812	rVB	556301	1003059	22.50%	1.677%
14	8.498	914	920	932	rBV	302343	656144	14.72%	1.097%
15	8.951	990	997	1013	rBV	311838	669740	15.02%	1.120%
16	9.675	1114	1120	1134	rBV	247549	518743	11.64%	0.867%
17	10.222	1206	1213	1231	rBV	300375	765897	17.18%	1.280%
18	10.574	1267	1273	1280	rBV	754534	1323570	29.69%	2.212%
19	10.739	1290	1301	1322	rBV	150211	453026	10.16%	0.757%
20	11.910	1492	1500	1509	rBV2	44850	103989	2.33%	0.174%
21	13.057	1691	1695	1704	rVB3	51866	86632	1.94%	0.145%
22	13.839	1818	1828	1832	rVV	1118226	1607378	36.05%	2.687%
23	13.886	1832	1836	1850	rVV	727797	1177947	26.42%	1.969%
24	14.127	1871	1877	1890	rBV	1274319	2102787	47.16%	3.515%
25	14.310	1902	1908	1918	rVB3	57035	117304	2.63%	0.196%
26	14.433	1922	1929	1936	rVV2	1477559	2419886	54.28%	4.045%
27	14.498	1936	1940	1950	rVB	83985	147487	3.31%	0.247%
28	14.715	1971	1977	1983	rBV6	58594	167182	3.75%	0.279%
29	14.845	1994	1999	2004	rVB2	50875	82501	1.85%	0.138%
30	15.257	2065	2069	2075	rVB2	35612	52699	1.18%	0.088%
31	15.427	2091	2098	2104	rBV	1598272	2427905	54.46%	4.058%
32	15.486	2104	2108	2115	rVB	72354	131423	2.95%	0.220%
33	15.586	2120	2125	2132	rBV3	146659	325073	7.29%	0.543%
34	15.651	2133	2136	2143	rVB6	21048	48851	1.10%	0.082%

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Operator : SJ/JU
Sample : I5747-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-23(0-1)-100517

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Title : SVOA CALIBRATION

35	15.792	2153	2160	2168	rBV	588000	885035	19.85%	1.479%
36	16.309	2241	2248	2254	rBV4	34960	59928	1.34%	0.100%
37	16.492	2271	2279	2283	rBV8	23196	46446	1.04%	0.078%
38	16.851	2335	2340	2346	rBV	37595	54928	1.23%	0.092%
39	16.921	2346	2352	2359	rBV7	43966	108657	2.44%	0.182%
40	17.003	2362	2366	2371	rVB	43919	63851	1.43%	0.107%
41	17.180	2390	2396	2400	rBV2	1444333	2144023	48.09%	3.584%
42	17.221	2400	2403	2408	rVB	765135	995878	22.34%	1.665%
43	17.280	2408	2413	2418	rBV	1245258	1847051	41.43%	3.087%
44	17.603	2461	2468	2473	rBV	69695	131679	2.95%	0.220%
45	18.003	2532	2536	2540	rBV6	34235	44655	1.00%	0.075%
46	18.056	2540	2545	2550	rBV	453149	687007	15.41%	1.148%
47	18.103	2550	2553	2557	rVV	112875	143762	3.22%	0.240%
48	18.192	2565	2568	2572	rVB	43221	58606	1.31%	0.098%
49	18.250	2572	2578	2582	rBV2	170020	313705	7.04%	0.524%
50	18.292	2582	2585	2591	rVB2	110249	150598	3.38%	0.252%
51	18.350	2591	2595	2601	rBV7	33187	80328	1.80%	0.134%
52	18.556	2626	2630	2635	rBV	92762	128490	2.88%	0.215%
53	18.615	2635	2640	2646	rVB	94698	157558	3.53%	0.263%
54	18.803	2669	2672	2676	rVB5	39335	52663	1.18%	0.088%
55	18.856	2677	2681	2684	rVB	37962	45504	1.02%	0.076%
56	18.974	2696	2701	2705	rBV2	122272	198025	4.44%	0.331%
57	19.039	2708	2712	2714	rVV4	28218	46994	1.05%	0.079%
58	19.127	2724	2727	2733	rVB	70200	108542	2.43%	0.181%
59	19.239	2740	2746	2753	rVB	1934271	2650227	59.44%	4.430%
60	19.339	2759	2763	2769	rBV3	308213	444947	9.98%	0.744%
61	19.574	2797	2803	2806	rBV2	1964371	2970613	66.63%	4.966%
62	19.603	2806	2808	2816	rVV	1682877	1995735	44.76%	3.336%
63	19.674	2817	2820	2825	rVB	88656	138531	3.11%	0.232%
64	19.786	2836	2839	2844	rBV	83661	99345	2.23%	0.166%
65	19.933	2859	2864	2870	rBV3	92281	218782	4.91%	0.366%
66	20.068	2883	2887	2889	rBV4	117390	184221	4.13%	0.308%
67	20.197	2906	2909	2913	rBV	125625	163024	3.66%	0.273%
68	20.397	2940	2943	2947	rBV	95800	150960	3.39%	0.252%
69	20.486	2954	2958	2962	rVB2	338012	437830	9.82%	0.732%
70	20.850	3017	3020	3024	rBV	188017	230720	5.17%	0.386%
71	21.009	3044	3047	3050	rBV2	199313	274040	6.15%	0.458%

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Misc :
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Instrument : BNA_M
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Integration Parameters: LSCINT.P
Integrator: RTE
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Title : SVOA CALIBRATION

72	21.050	3050	3054	3057	rVB	594152	687854	15.43%	1.150%
73	21.256	3086	3089	3094	rVB	349959	386283	8.66%	0.646%
74	21.362	3100	3107	3111	rBV3	2325842	4458371	100.00%	7.453%
75	21.397	3111	3113	3124	rVB	1039057	1336665	29.98%	2.234%
76	22.903	3366	3369	3374	rVB	542289	723719	16.23%	1.210%
77	22.962	3374	3379	3392	rVB	1331731	3528769	79.15%	5.899%
78	23.462	3459	3464	3467	rBV	542266	1059509	23.76%	1.771%
79	23.509	3468	3472	3477	rVV2	1110120	2148692	48.19%	3.592%
80	23.556	3477	3480	3489	rVB	859220	1533665	34.40%	2.564%
81	23.656	3492	3497	3503	rBV	1210395	2196976	49.28%	3.672%
82	24.144	3575	3580	3588	rVB	865363	1714860	38.46%	2.867%

Sum of corrected areas: 59823693

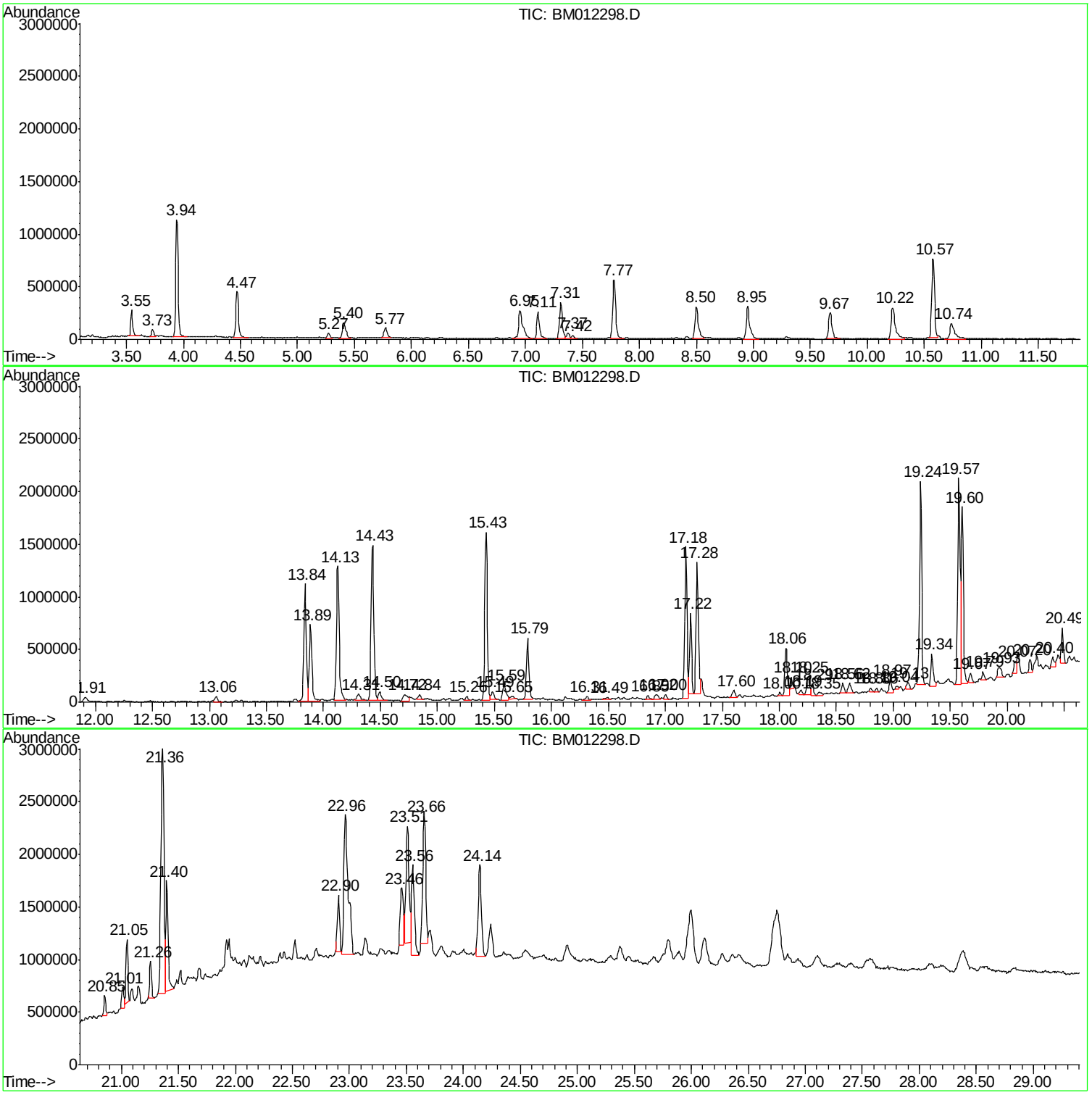
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012298.D
Acq On : 19 Oct 2017 02:38
Operator : SJ/JU
Sample : I5747-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-23(0-1)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012298.D
Acq On : 19 Oct 2017 02:38
Operator : SJ/JU
Sample : I5747-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-23(0-1)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

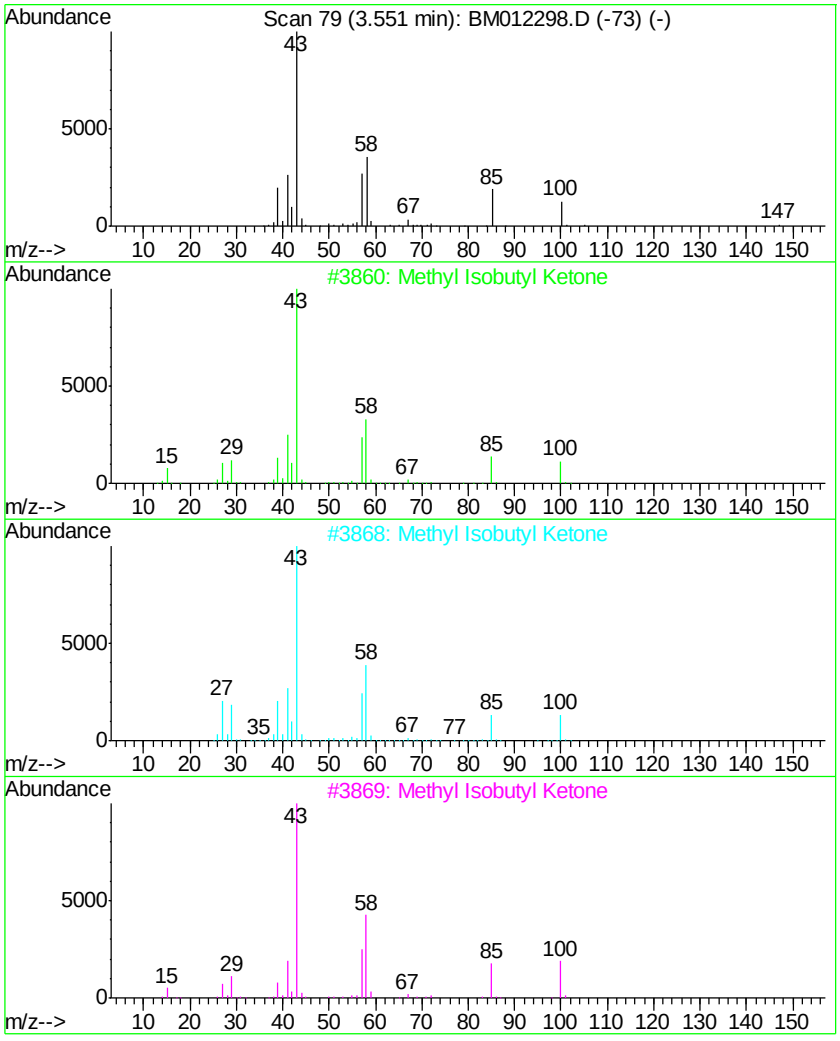
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

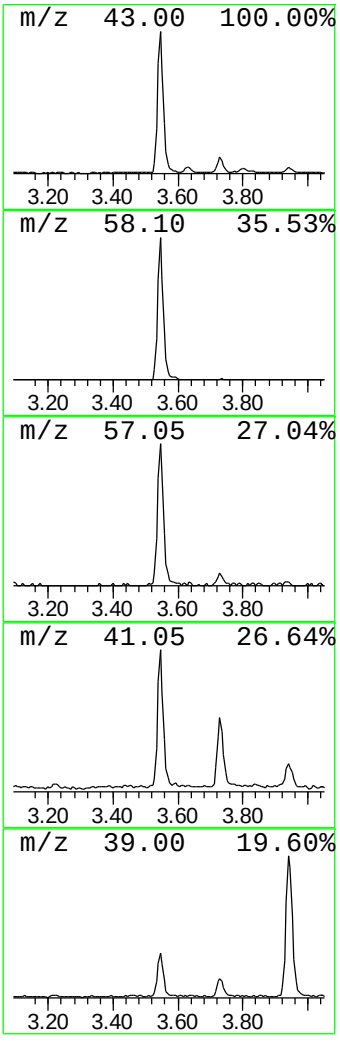
****

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.55	6.12 ng/ul	307048	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	87
2	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	72
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	72
4	2-Hexanone	100	C6H12O	000591-78-6	64
5	2-Hexanone	100	C6H12O	000591-78-6	64





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Operator : SJ/JU
Sample : I5747-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-23(0-1)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

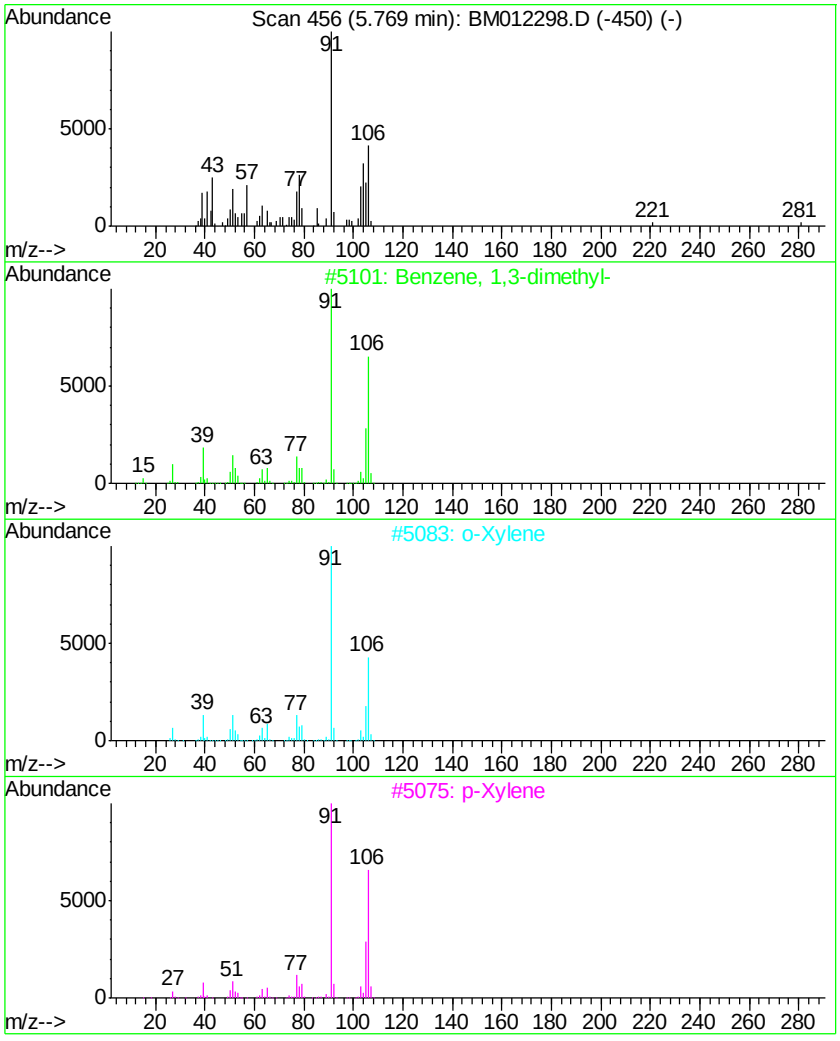
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

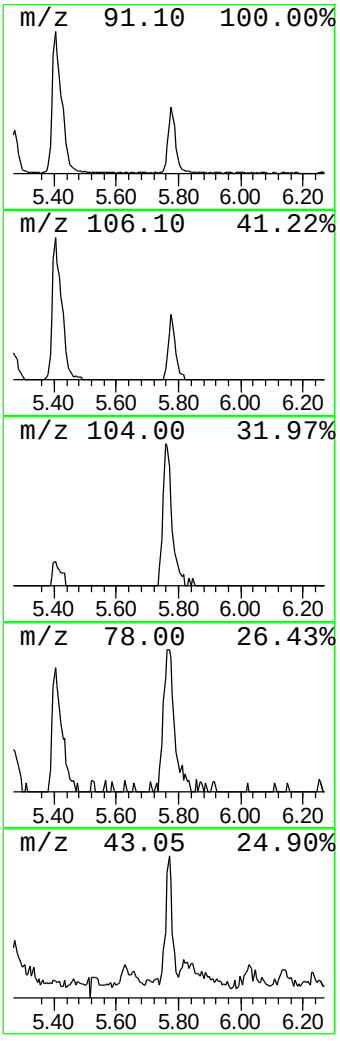
****

Peak Number 5 Benzene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	3.98 ng/ul	199502	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	87
2	o-Xylene	106	C8H10	000095-47-6	81
3	p-Xylene	106	C8H10	000106-42-3	81
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	81
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	81





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Data File : BM012298.D
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Sample : I5747-01
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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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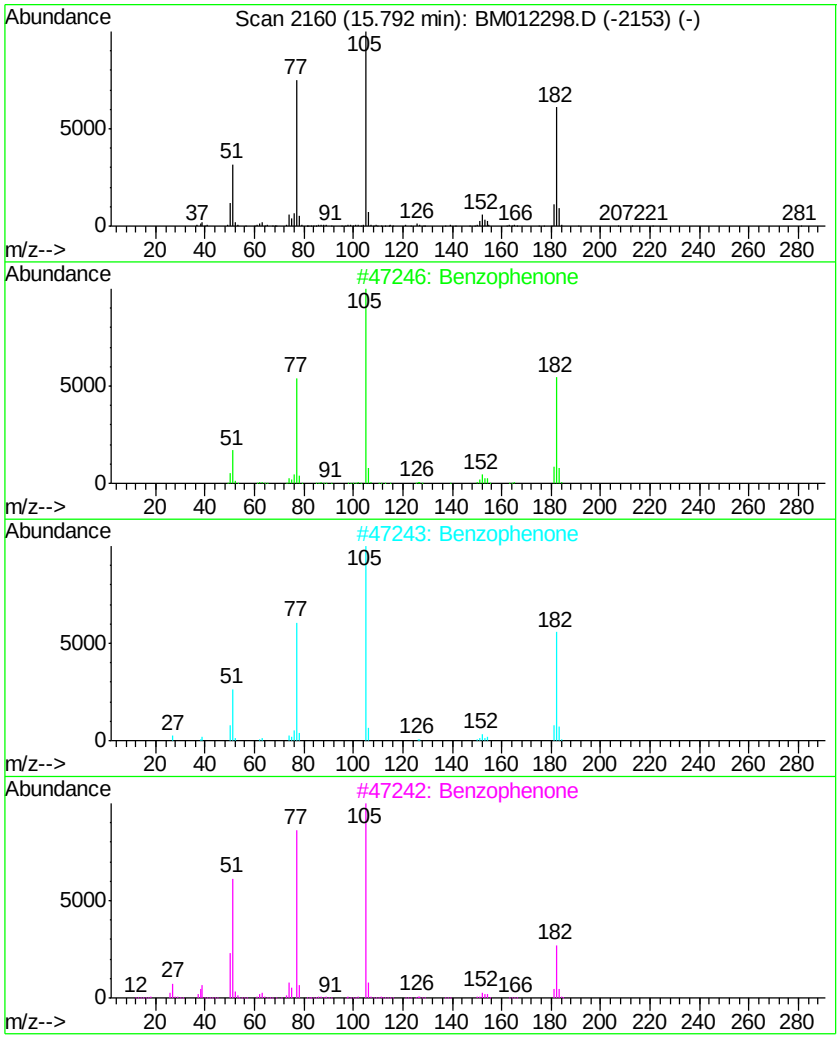
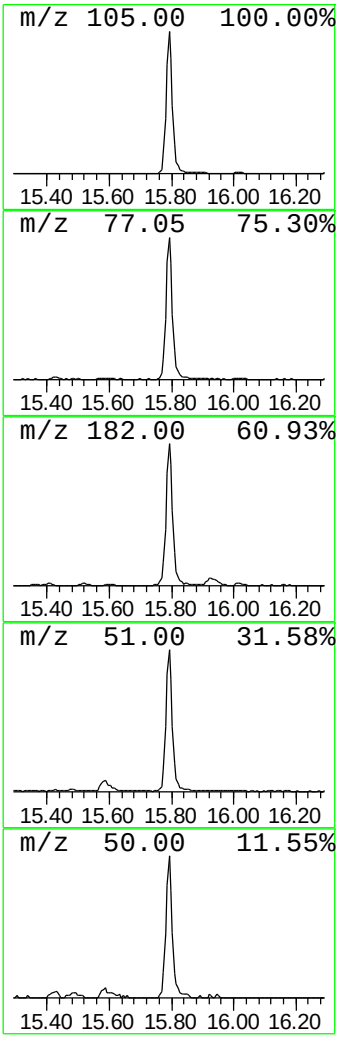
****

Peak Number 6 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	7.31 ng/ul	885035	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	91





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Instrument : BNA_M
ClientSampleId : B-23(0-1)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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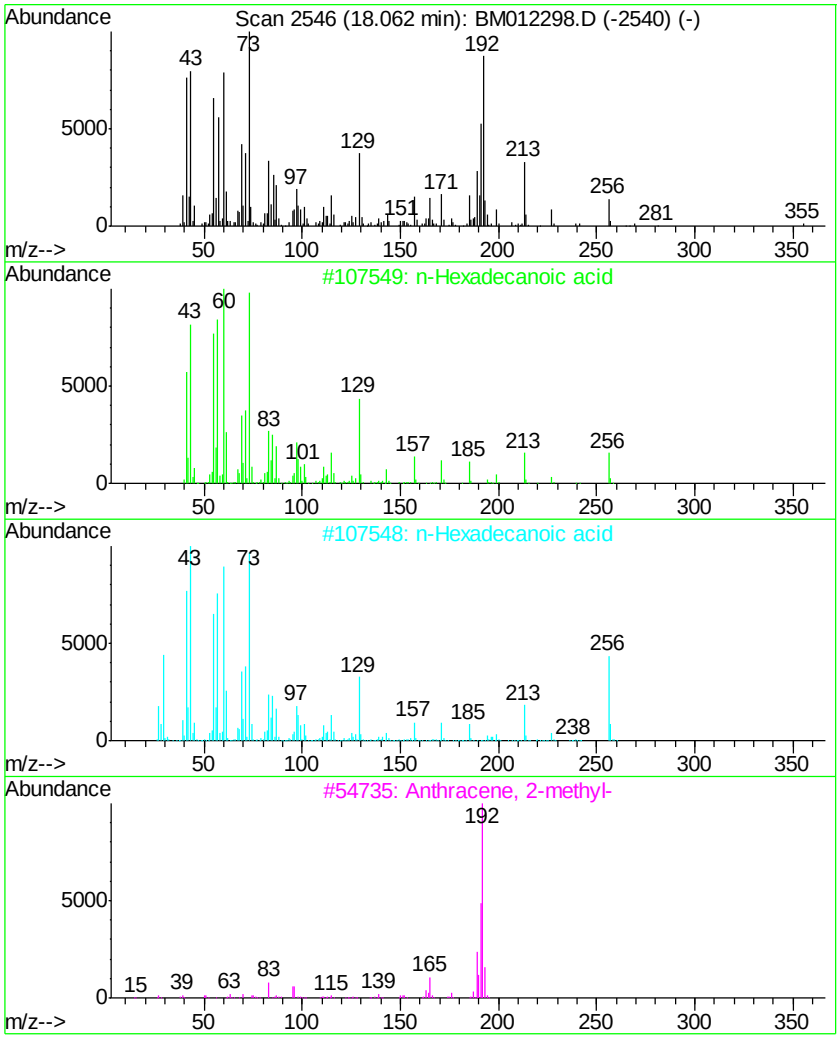
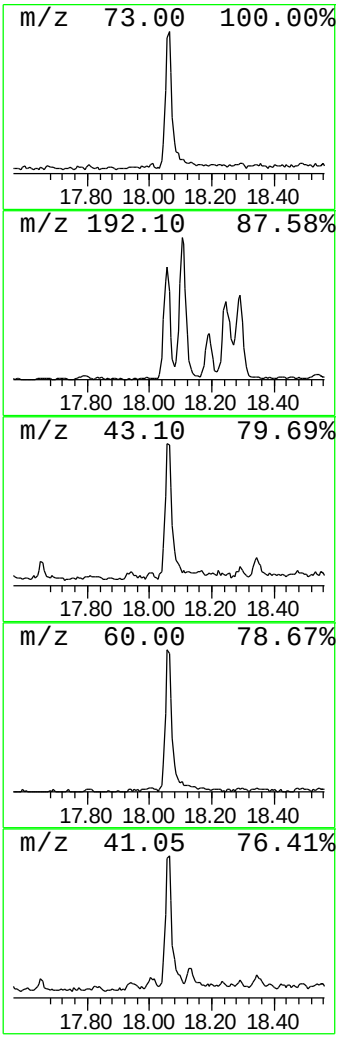
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	6.41 ng/ul	687007	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

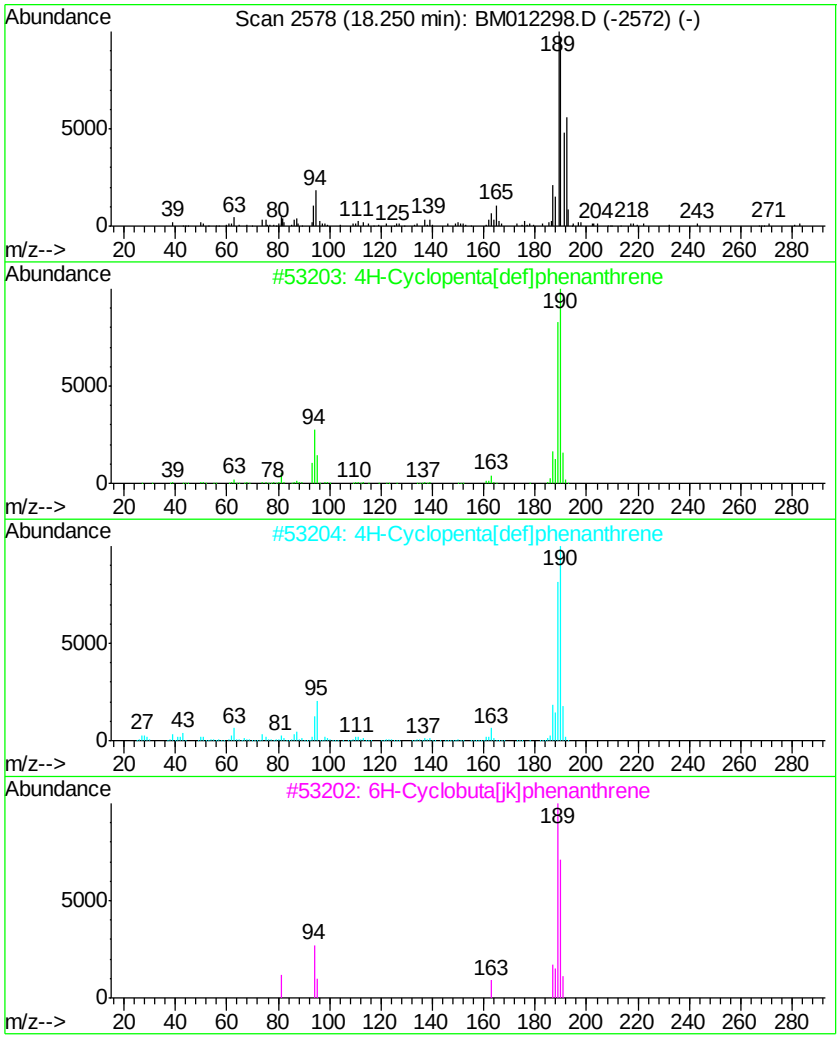
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

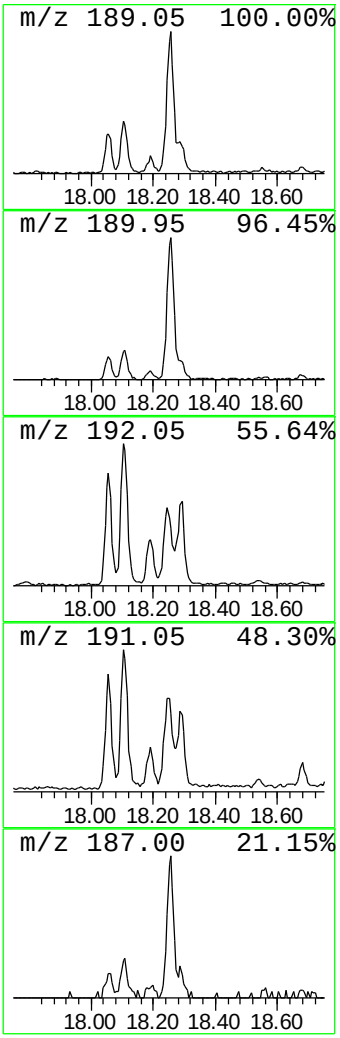
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	2.93 ng/ul	313705	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50





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Instrument : BNA_M
ClientSampleId : B-23(0-1)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

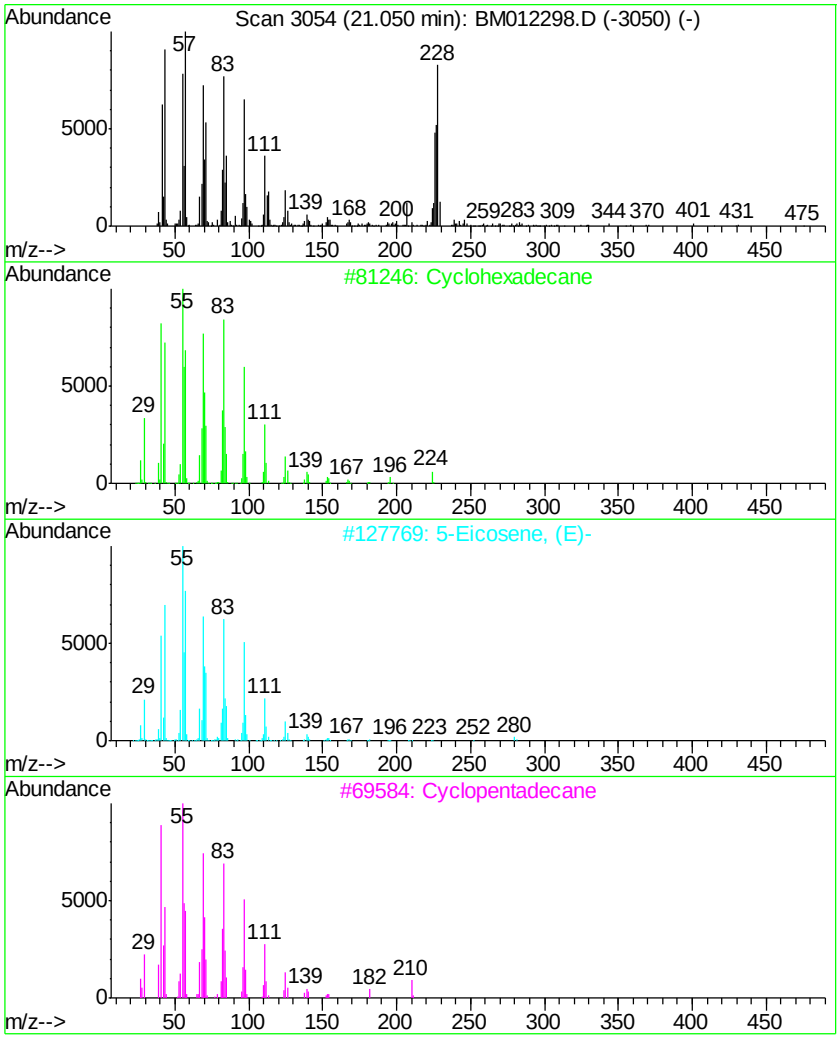
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

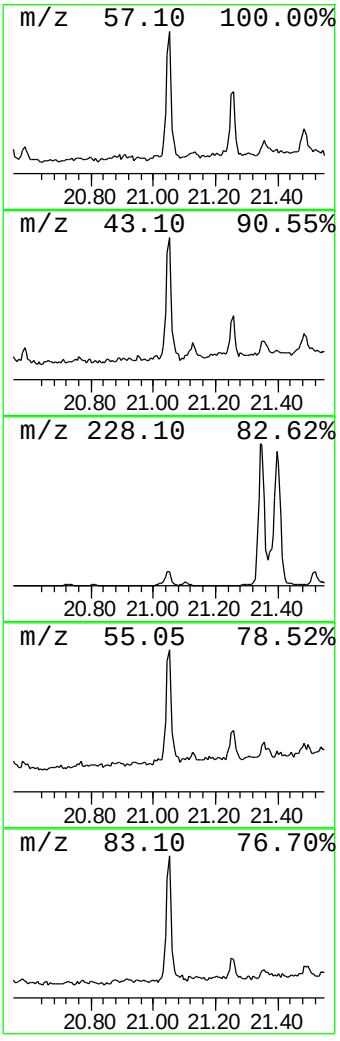
****

Peak Number 9 (DEL) Alkane: Cyclic21.05 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	3.09 ng/ul	687854	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	87
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	86
3	Cyclopentadecane	210	C15H30	000295-48-7	84
4	1-Heneicosanol	312	C21H44O	015594-90-8	84
5	1-Docosene	308	C22H44	001599-67-3	70





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Acq On : 19 Oct 2017 02:38
Operator : SJ/JU
Sample : I5747-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-23(0-1)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

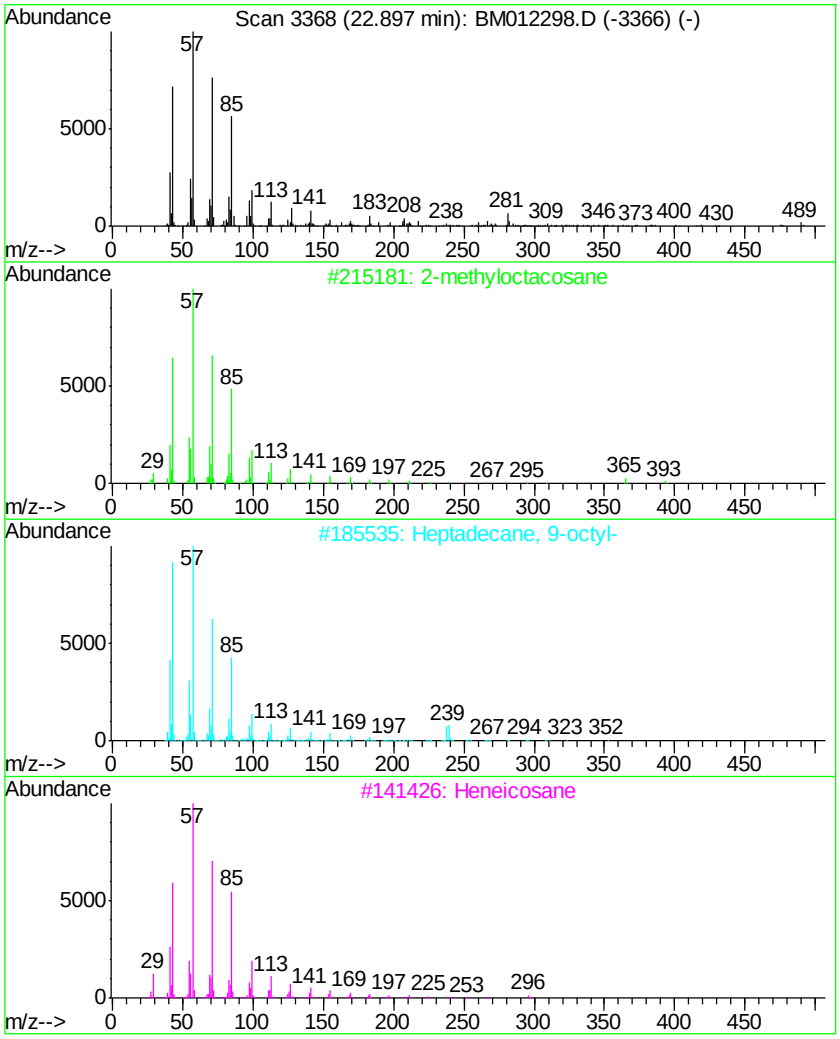
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

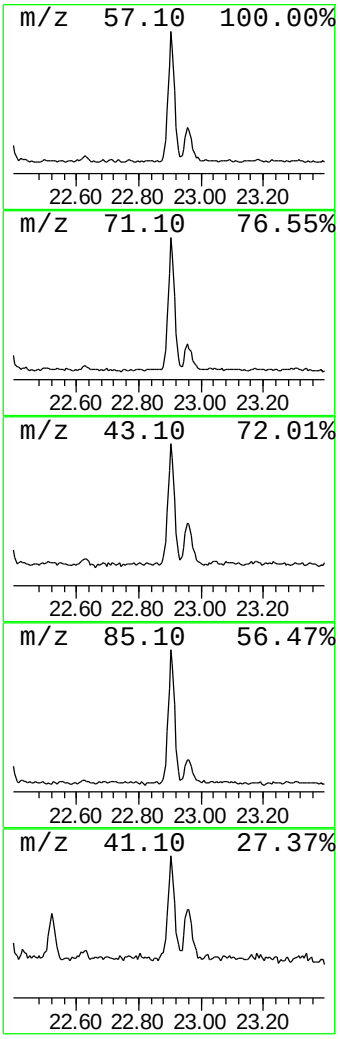
****

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	6.59 ng/ul	723719	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012298.D
Acq On : 19 Oct 2017 02:38
Operator : SJ/JU
Sample : I5747-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-23(0-1)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

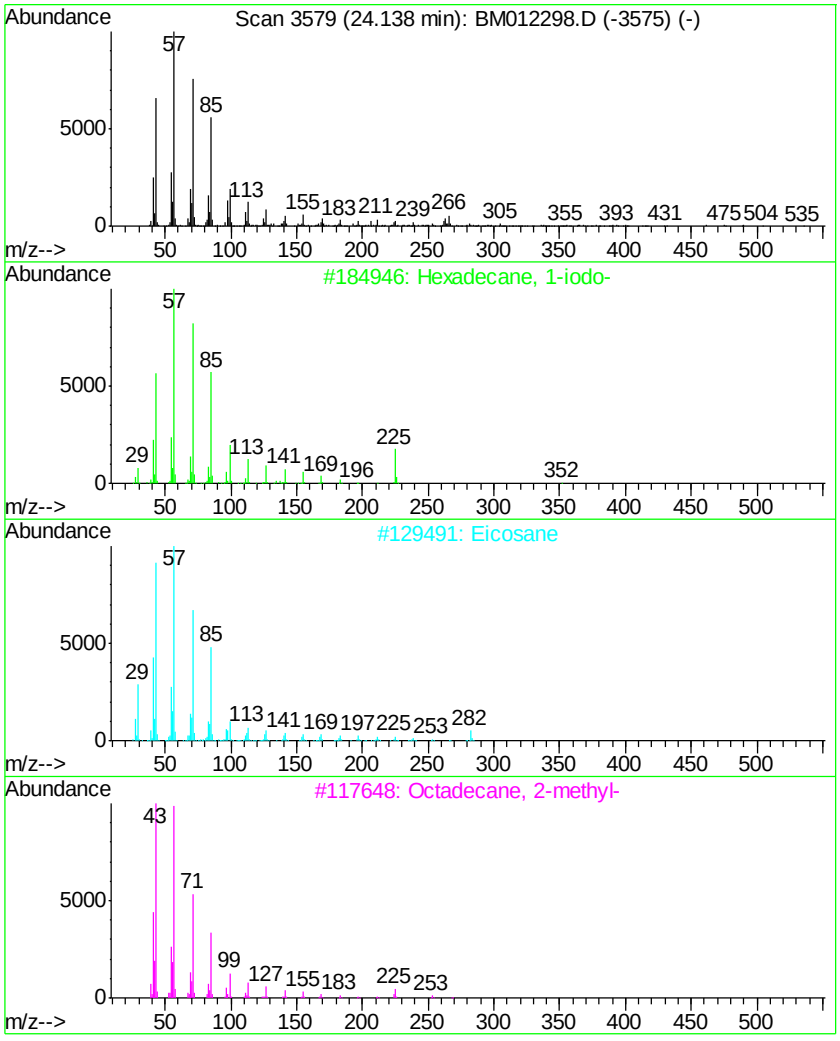
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

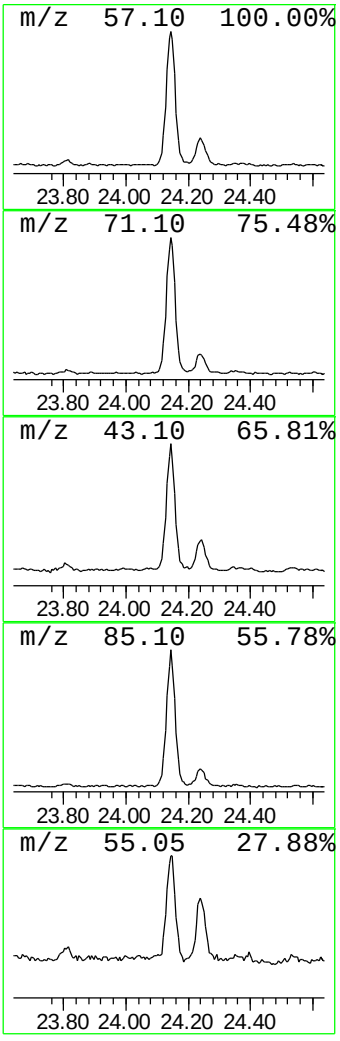
****

Peak Number 11 Hexadecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	15.61 ng/ul	1714860	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
2	Eicosane	282	C20H42	000112-95-8	93
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
4	Eicosane	282	C20H42	000112-95-8	93
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012298.D
Acq On : 19 Oct 2017 02:38
Operator : SJ/JU
Sample : I5747-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-23(0-1)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Methyl Isobutyl K...	3.55	6.1	ng/ul	307048	1	7.77	1003060	20.0
Benzene, 1,3-dime...	5.77	4.0	ng/ul	199502	1	7.77	1003060	20.0
Benzophenone	15.79	7.3	ng/ul	885035	3	14.43	2419890	20.0
n-Hexadecanoic acid	18.06	6.4	ng/ul	687007	4	17.18	2144020	20.0
4H-Cyclopenta[def...	18.25	2.9	ng/ul	313705	4	17.18	2144020	20.0
(DEL) Alkane: Cyc...	21.05	3.1	ng/ul	687854	5	21.36	4458370	20.0
(DEL) Alkane: Str...	22.90	6.6	ng/ul	723719	6	23.66	2196980	20.0
Hexadecane, 1-iodo-	24.14	15.6	ng/ul	1714860	6	23.66	2196980	20.0