LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
Data File : BM011935.D
Acq On : 05 Oct 2017 21:21
Operator : SJ/JU
Sample : I5449-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

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-BM100317.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	4.034	157	161	168	rVB2	58491	79132	1.73%	0.212%
2	5.499	403	410	420	rBV2	55188	123159	2.69%	0.330%
3	5.869	467	473	480	rBV2	72013	112730	2.46%	0.302%
4	6.951	653	657	661	rVB2	35839	49076	1.07%	0.132%
5	7.028	661	670	676	rVV	157851	348375	7.62%	0.935%
6	7.087	677	680	684	rVB	33312	49486	1.08%	0.133%
7	7.198	692	699	704	rBV	131757	219934	4.81%	0.590%
8	7.398	728	733	741	rBV	184178	312889	6.84%	0.839%
9	7.475	741	746	749	rVV2	113015	161387	3.53%	0.433%
10	7.510	749	752	758	rVB	70919	105002	2.30%	0.282%
11	7.869	807	813	827	rVB	944122	1627742	35.59%	4.367%
12	7.981	827	832	839	rBV3	35588	78752	1.72%	0.211%
13	8.410	898	905	915	rVB4	47224	118568	2.59%	0.318%
14	8.510	915	922	927	rBV4	47450	93246	2.04%	0.250%
15	8.575	927	933	940	rBV	155848	299787	6.55%	0.804%
16	8.969	994	1000	1005	rVB3	40341	62279	1.36%	0.167%
17	9.034	1005	1011	1016	rBV	141913	268571	5.87%	0.720%
18	9.087	1016	1020	1024	rVB	91337	137753	3.01%	0.370%
19	9.210	1032	1041	1051	rVB9	24889	77511	1.69%	0.208%
20	9.757	1124	1134	1145	rBV2	128822	284274	6.21%	0.763%
21	10.298	1220	1226	1234	rBV	176684	326092	7.13%	0.875%
22	10.628	1276	1282	1284	rBV2	47942	75237	1.64%	0.202%
23	10.675	1284	1290	1296	rVV	1215813	2107771	46.08%	5.654%
24	10.722	1296	1298	1306	rVB	64280	96698	2.11%	0.259%
25	10.816	1306	1314	1320	rBV5	42278	87285	1.91%	0.234%
26	11.492	1423	1429	1435	rBV	123854	239922	5.25%	0.644%
27	12.081	1524	1529	1538	rVB	30783	54931	1.20%	0.147%
28	13.322	1735	1740	1746	rBV3	30570	49087	1.07%	0.132%
29	13.833	1822	1827	1832	rBV2	26943	46323	1.01%	0.124%
30	13.916	1832	1841	1846	rVV	354623	548977	12.00%	1.473%
31	13.963	1846	1849	1856	rVB	151197	237381	5.19%	0.637%
32	14.210	1884	1891	1904	rBV	373982	667082	14.58%	1.790%
33	14.392	1919	1922	1932	rVB2	38708	61892	1.35%	0.166%
34	14.516	1932	1943	1950	rBV2	1582825	2496726	54.58%	6.698%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
Data File : BM011935.D
Acq On : 05 Oct 2017 21:21
Operator : SJ/JU
Sample : I5449-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

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-BM100317.M
Title : SVOA CALIBRATION

35	14.574	1950	1953	1960	rVB	63682	106582	2.33%	0.286%
36	14.727	1971	1979	1989	rBV7	42270	123623	2.70%	0.332%
37	14.910	2004	2010	2018	rBV2	59531	111218	2.43%	0.298%
38	15.345	2079	2084	2087	rVB3	38576	53603	1.17%	0.144%
39	15.504	2105	2111	2116	rBV	511899	722221	15.79%	1.937%
40	15.557	2116	2120	2128	rVB3	51684	86601	1.89%	0.232%
41	15.627	2128	2132	2139	rBV	63905	114985	2.51%	0.308%
42	15.851	2166	2170	2177	rVB3	29346	48783	1.07%	0.131%
43	16.204	2226	2230	2232	rBV	56352	70876	1.55%	0.190%
44	16.910	2346	2350	2358	rBV2	49247	85488	1.87%	0.229%
45	16.998	2360	2365	2369	rVV5	48995	82314	1.80%	0.221%
46	17.074	2375	2378	2384	rVB	49577	77196	1.69%	0.207%
47	17.257	2403	2409	2413	rBV2	1867646	2697208	58.97%	7.235%
48	17.298	2413	2416	2421	rVV	924123	1250692	27.34%	3.355%
49	17.357	2421	2426	2429	rVV2	504646	783020	17.12%	2.101%
50	17.386	2429	2431	2438	rVB	174452	246680	5.39%	0.662%
51	17.657	2474	2477	2486	rVB	47521	90097	1.97%	0.242%
52	18.127	2553	2557	2562	rBV	381619	573249	12.53%	1.538%
53	18.180	2562	2566	2569	rVB	176983	247502	5.41%	0.664%
54	18.321	2585	2590	2594	rBV3	190746	362994	7.94%	0.974%
55	18.627	2639	2642	2646	rBV	102991	132838	2.90%	0.356%
56	18.674	2647	2650	2655	rVB3	93070	136114	2.98%	0.365%
57	19.051	2710	2714	2719	rBV3	125434	195268	4.27%	0.524%
58	19.309	2752	2758	2764	rBV	1654944	2284339	49.94%	6.128%
59	19.409	2771	2775	2781	rBV	442577	657469	14.37%	1.764%
60	19.645	2810	2815	2817	rBV3	848679	1272730	27.83%	3.414%
61	19.674	2817	2820	2828	rVB	1584302	2176731	47.59%	5.839%
62	21.109	3061	3064	3069	rVB3	509544	711715	15.56%	1.909%
63	21.427	3112	3118	3122	rBV2	2687855	4574021	100.00%	12.270%
64	21.468	3122	3125	3133	rVB	876961	1187632	25.96%	3.186%
65	23.056	3391	3395	3401	rBV	805798	1670548	36.52%	4.481%
66	23.762	3510	3515	3520	rVB	1476486	2638119	57.68%	7.077%

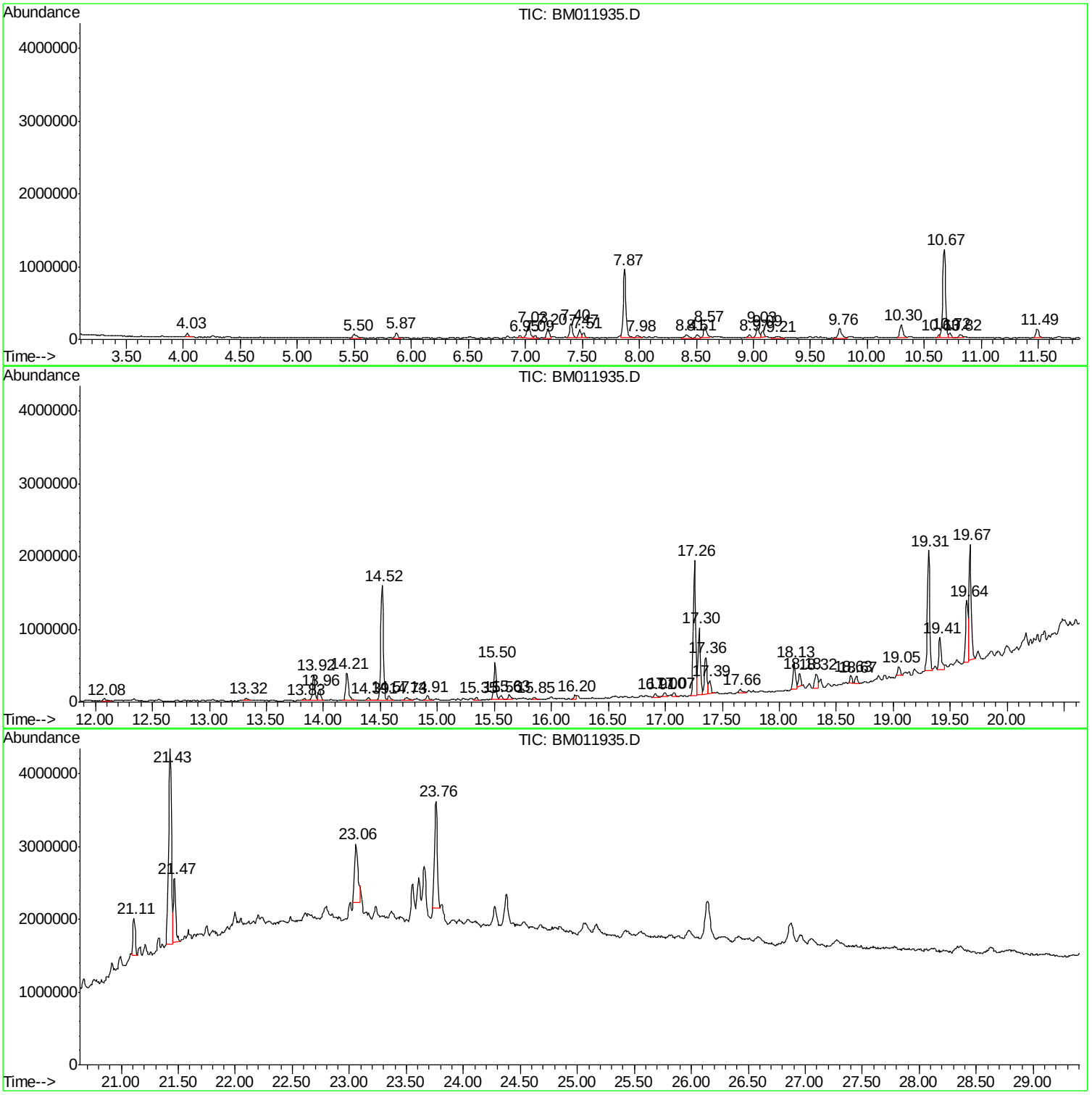
Sum of corrected areas: 37277513

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
Data File : BM011935.D
Acq On : 05 Oct 2017 21:21
Operator : SJ/JU
Sample : I5449-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
Data File : BM011935.D
Acq On : 05 Oct 2017 21:21
Operator : SJ/JU
Sample : I5449-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

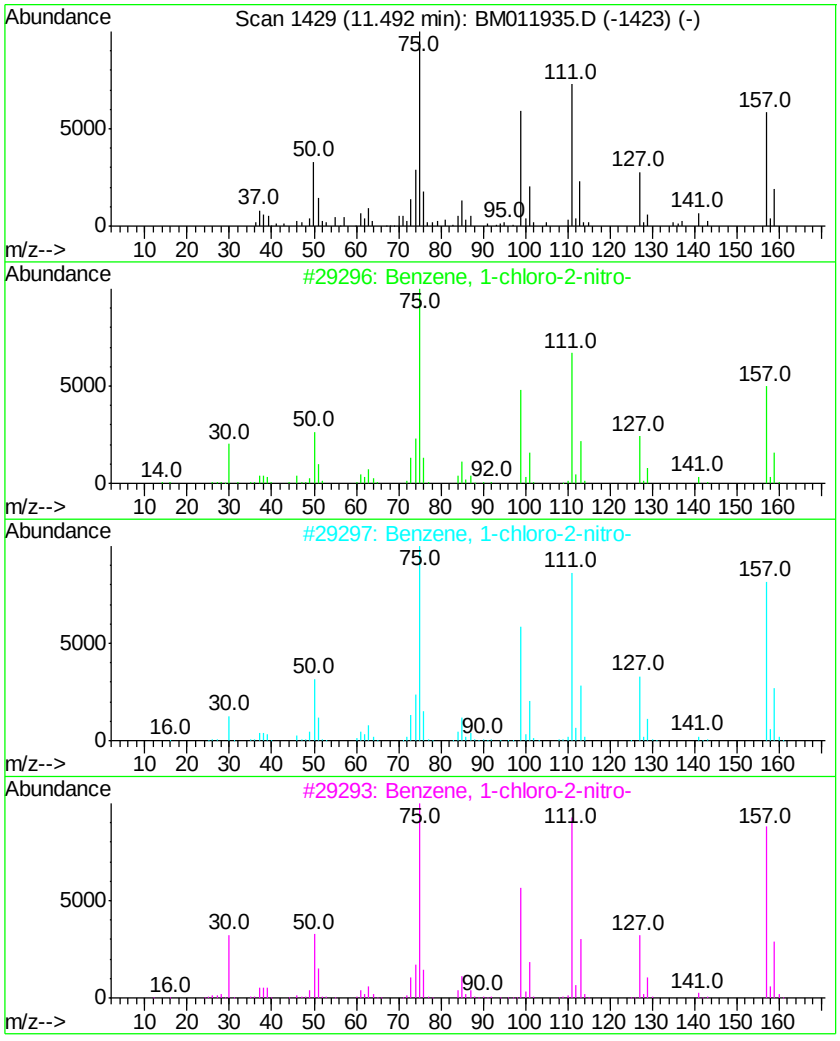
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

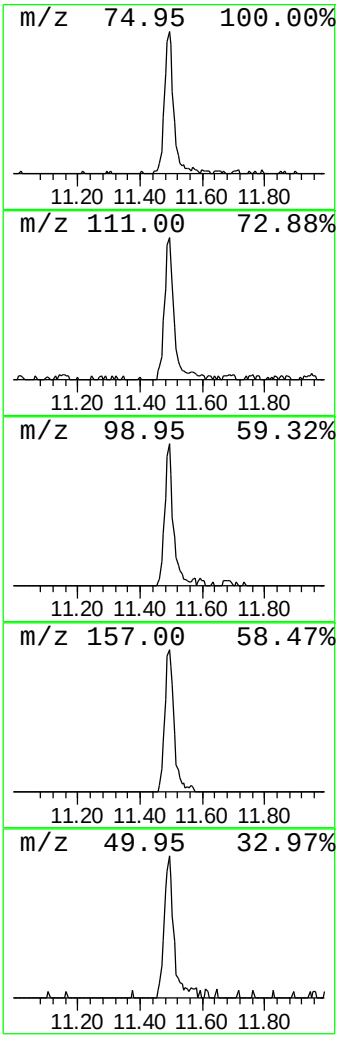
****

Peak Number 1 Benzene, 1-chloro-2-nitro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	2.28 ng/ul	239922	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	93
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	70





Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
Data File : BM011935.D
Acq On : 05 Oct 2017 21:21
Operator : SJ/JU
Sample : I5449-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

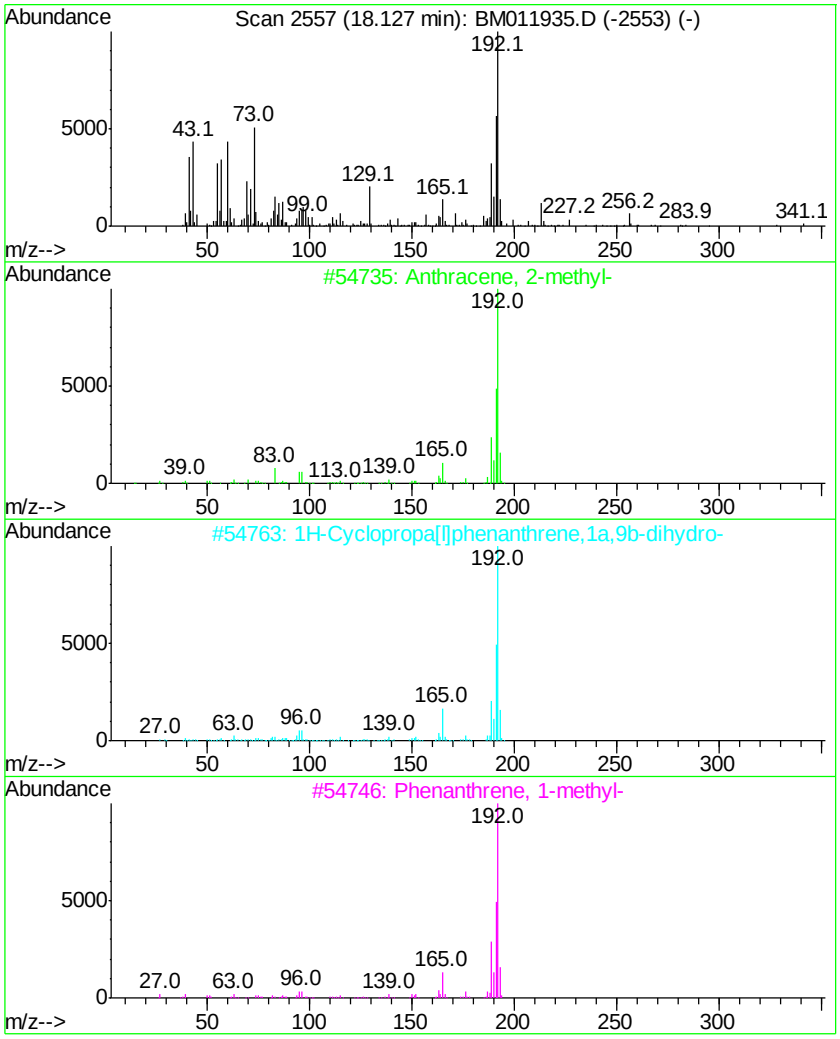
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

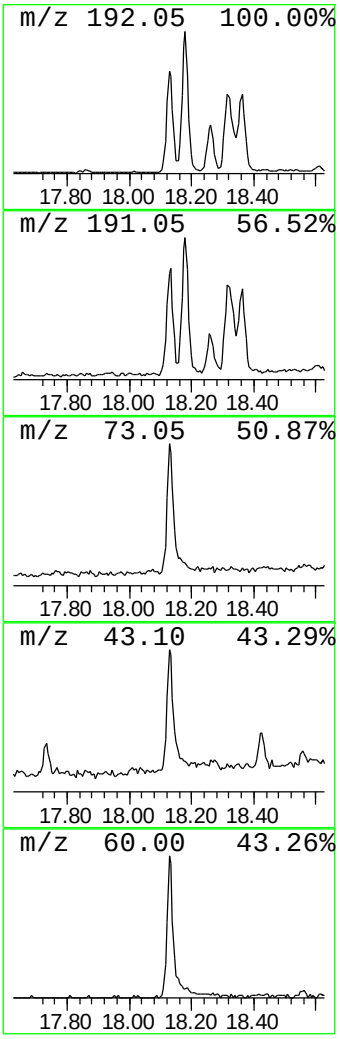
****

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	4.25 ng/ul	573249	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
Data File : BM011935.D
Acq On : 05 Oct 2017 21:21
Operator : SJ/JU
Sample : I5449-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

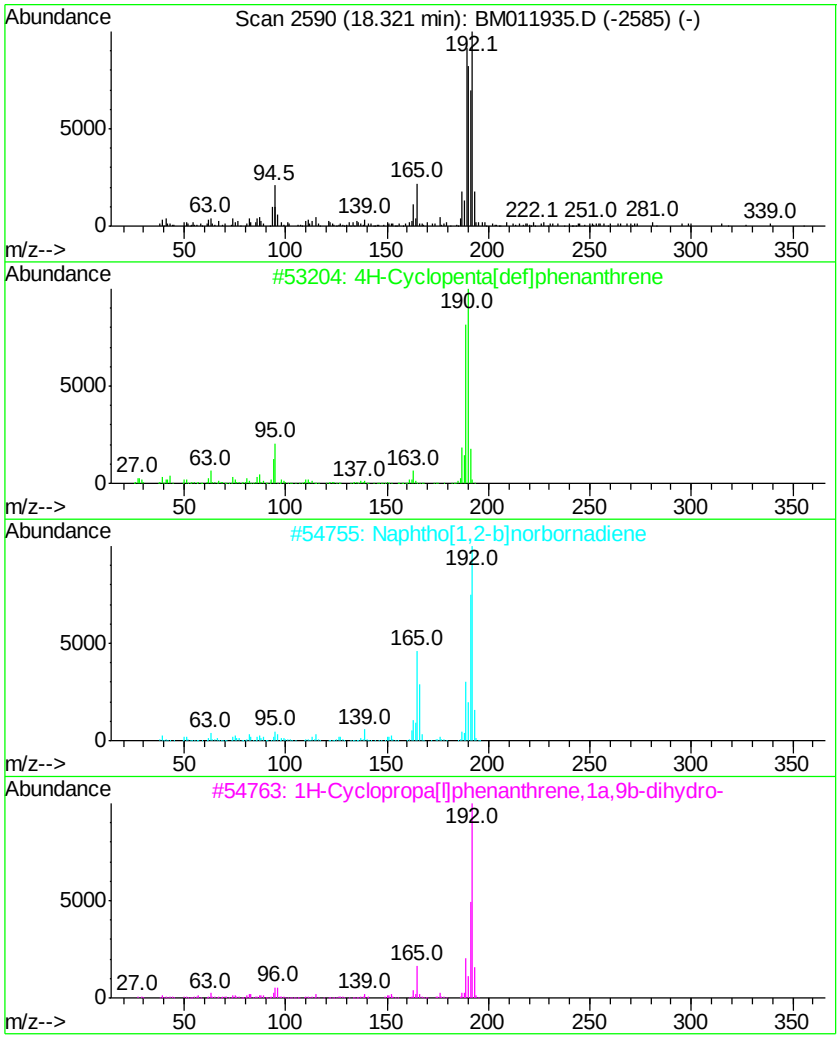
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

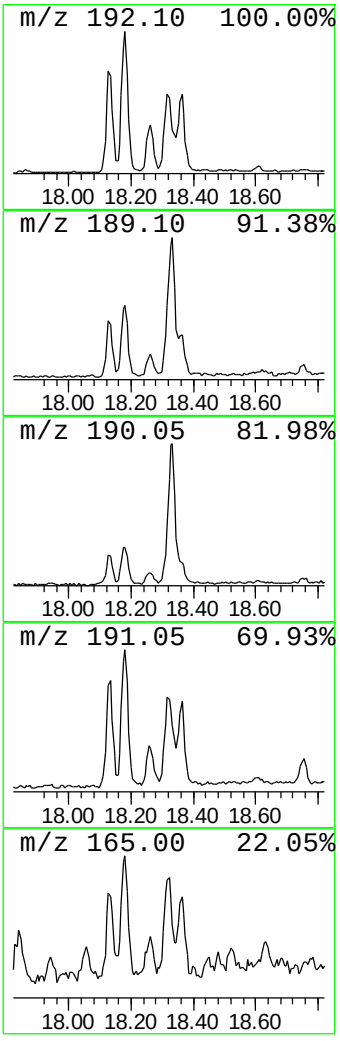
****

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.69 ng/ul	362994	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
Data File : BM011935.D
Acq On : 05 Oct 2017 21:21
Operator : SJ/JU
Sample : I5449-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

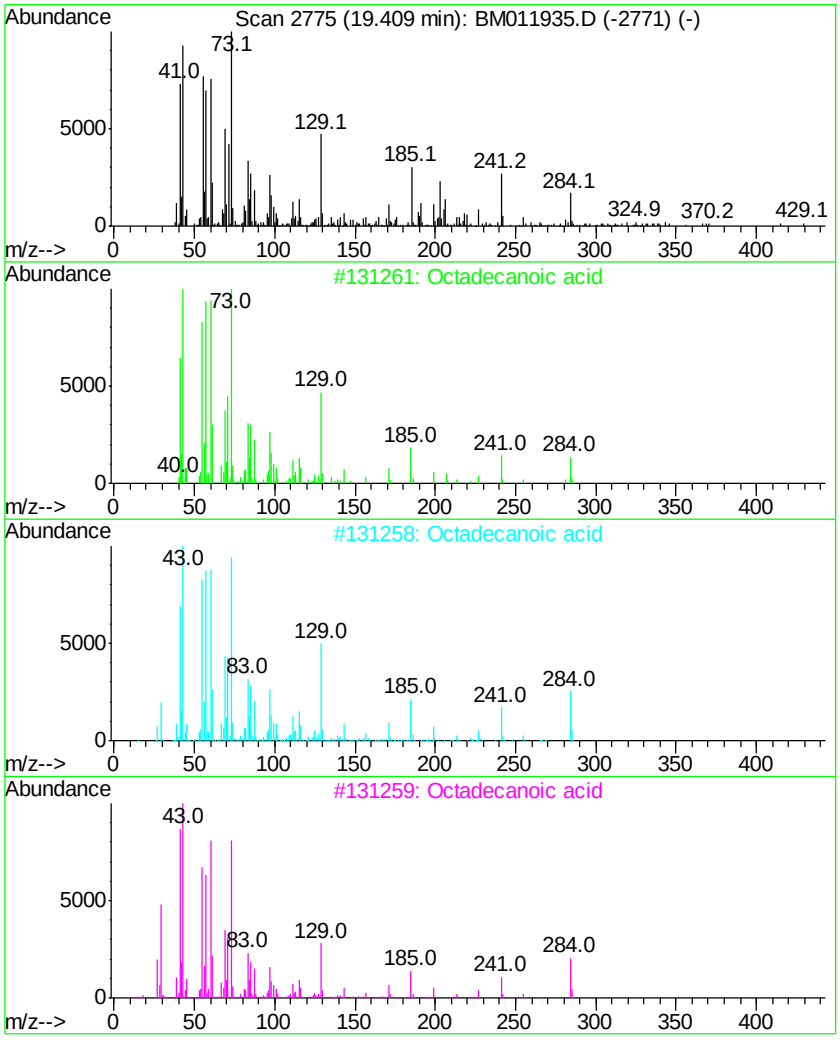
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

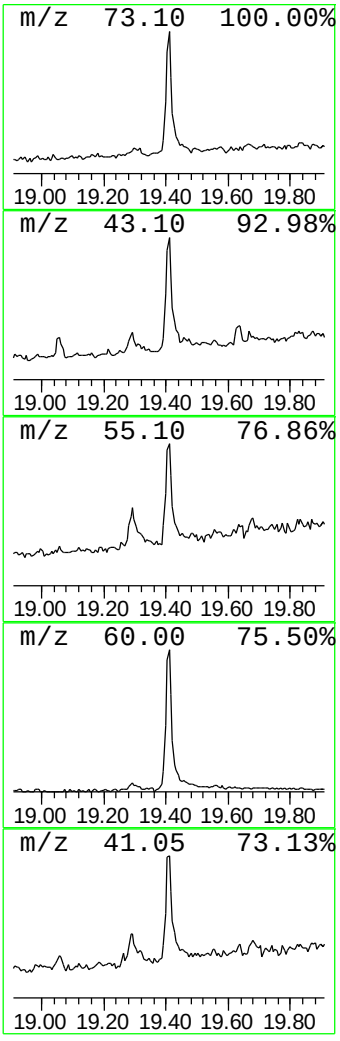
****

Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.41	2.87 ng/ul	657469	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
Data File : BM011935.D
Acq On : 05 Oct 2017 21:21
Operator : SJ/JU
Sample : I5449-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

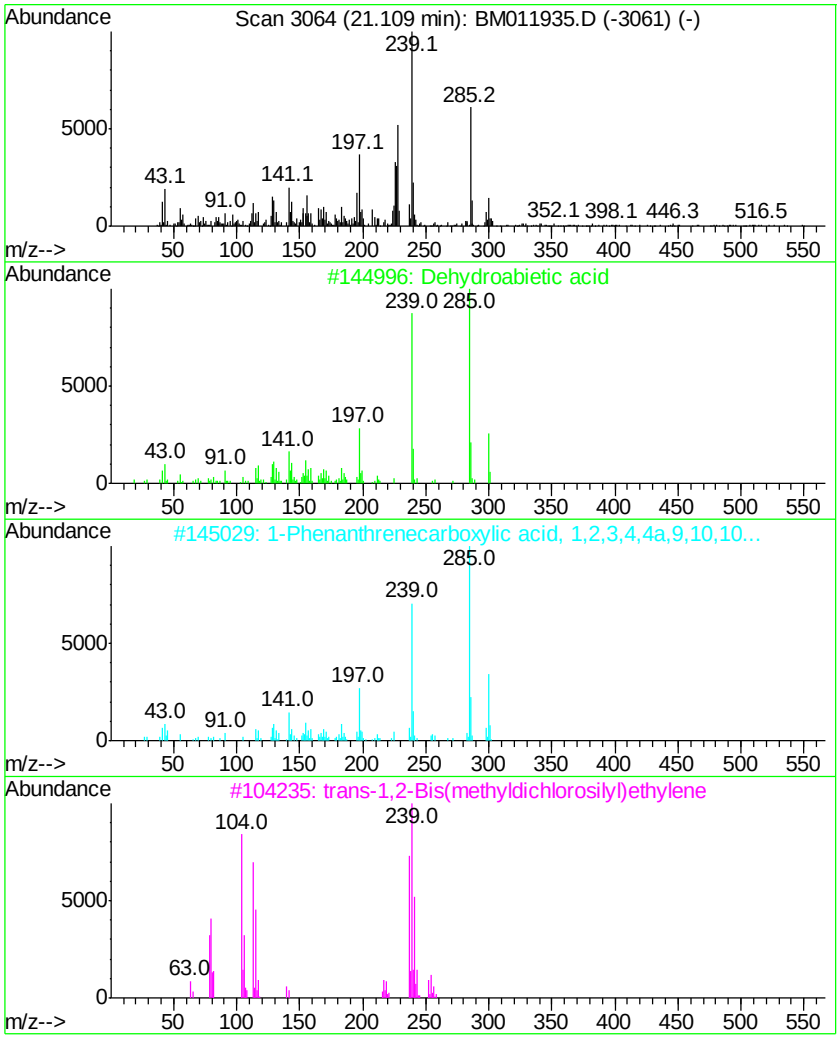
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

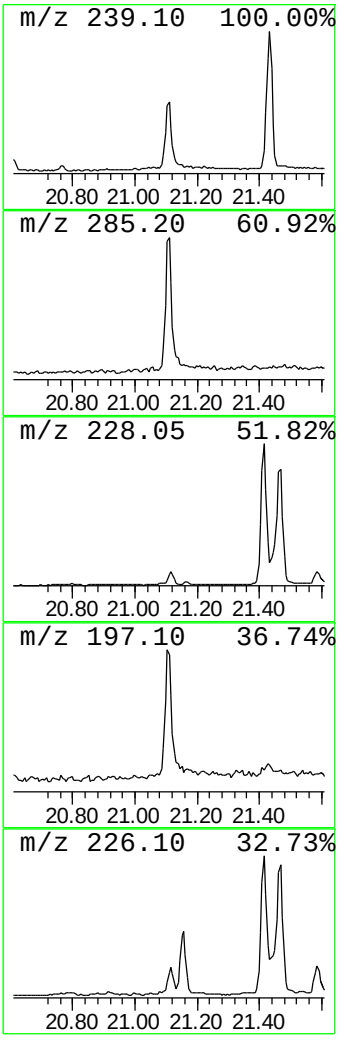
****

Peak Number 5 Dehydroabietic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.11	3.11 ng/ul	711715	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	96
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	93
3	trans-1,2-Bis(methyldichlorosilv...	252	C4H8Cl4Si2	065899-10-7	92
4	Dehydroabietic acid	300	C20H28O2	001740-19-8	64
5	Dehydroabietic acid	300	C20H28O2	001740-19-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100517\
Data File : BM011935.D
Acq On : 05 Oct 2017 21:21
Operator : SJ/JU
Sample : I5449-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.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
Benzene, 1-chloro...	11.49	2.3	ng/ul	239922	2	10.67	2107770	20.0
Anthracene, 2-met...	18.13	4.3	ng/ul	573249	4	17.26	2697210	20.0
unknown-01	18.32	2.7	ng/ul	362994	4	17.26	2697210	20.0
Octadecanoic acid	19.41	2.9	ng/ul	657469	5	21.43	4574020	20.0
Dehydroabietic acid	21.11	3.1	ng/ul	711715	5	21.43	4574020	20.0