LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

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-BM042517.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	6.981	653	662	673	rVB	447681	798420	17.95%	1.307%
2	7.145	683	690	696	rBV	344452	529510	11.90%	0.867%
3	7.345	717	724	731	rBV	438712	710664	15.97%	1.163%
4	7.810	796	803	810	rBV	743277	1173557	26.38%	1.921%
5	8.516	914	923	931	rBV	562057	918983	20.65%	1.504%
6	8.980	995	1002	1010	rBV	445345	781779	17.57%	1.279%
7	9.692	1117	1123	1131	rBV	371403	647549	14.55%	1.060%
8	9.904	1154	1159	1167	rVB3	30088	62963	1.42%	0.103%
9	10.022	1173	1179	1189	rVB5	32651	64053	1.44%	0.105%
10	10.227	1208	1214	1224	rVB	536402	947134	21.29%	1.550%
11	10.374	1233	1239	1245	rBV3	52230	94942	2.13%	0.155%
12	10.533	1260	1266	1272	rBV3	47092	91556	2.06%	0.150%
13	10.604	1272	1278	1285	rVV	1022796	1734625	38.99%	2.839%
14	10.757	1291	1304	1317	rBV	297393	626700	14.09%	1.026%
15	11.127	1362	1367	1373	rBV	37862	60423	1.36%	0.099%
16	11.186	1373	1377	1382	rVV2	38818	54804	1.23%	0.090%
17	12.792	1644	1650	1664	rVB	518633	791981	17.80%	1.296%
18	13.045	1687	1693	1700	rBV	840423	1180070	26.52%	1.931%
19	13.333	1738	1742	1746	rVB2	77575	119036	2.68%	0.195%
20	13.386	1746	1751	1761	rVB2	115181	192688	4.33%	0.315%
21	13.868	1827	1833	1837	rBV	1031456	1397931	31.42%	2.288%
22	13.915	1837	1841	1849	rVB	120995	170773	3.84%	0.279%
23	14.151	1874	1881	1888	rBV	1113012	1619843	36.41%	2.651%
24	14.239	1891	1896	1903	rVV	129751	238814	5.37%	0.391%
25	14.327	1905	1911	1921	rVB3	129151	274418	6.17%	0.449%
26	14.457	1927	1933	1943	rVB2	1566195	2444735	54.95%	4.001%
27	14.674	1965	1970	1979	rBV	387935	628611	14.13%	1.029%
28	14.874	2001	2004	2011	rVB8	29481	45866	1.03%	0.075%
29	14.980	2011	2022	2028	rBV	914412	1436731	32.29%	2.351%
30	15.239	2061	2066	2069	rBV	49284	67288	1.51%	0.110%
31	15.280	2070	2073	2078	rVB2	76726	101347	2.28%	0.166%
32	15.357	2081	2086	2090	rBV2	191390	243872	5.48%	0.399%
33	15.451	2096	2102	2111	rVB	1502406	2181189	49.02%	3.570%
34	15.586	2119	2125	2132	rBV	512283	748451	16.82%	1.225%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

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-BM042517.M
Title : SVOA CALIBRATION

35	15.656	2132	2137	2141	rBV	183937	259343	5.83%	0.424%
36	15.833	2163	2167	2174	rVB7	41770	69584	1.56%	0.114%
37	15.909	2174	2180	2185	rBV6	56270	110952	2.49%	0.182%
38	16.009	2189	2197	2202	rBV10	35477	74232	1.67%	0.121%
39	16.145	2216	2220	2227	rBV2	84259	178932	4.02%	0.293%
40	16.515	2274	2283	2287	rBV7	36766	103833	2.33%	0.170%
41	16.604	2293	2298	2305	rBV7	75836	123497	2.78%	0.202%
42	16.939	2349	2355	2357	rBV4	79024	137395	3.09%	0.225%
43	16.998	2361	2365	2370	rVB7	32085	58801	1.32%	0.096%
44	17.209	2395	2401	2411	rBV	2232244	3115822	70.03%	5.099%
45	17.309	2411	2418	2424	rBV	1779056	2433509	54.69%	3.983%
46	17.786	2494	2499	2507	rVB2	265926	494864	11.12%	0.810%
47	17.921	2518	2522	2525	rBV5	46375	81844	1.84%	0.134%
48	17.962	2525	2529	2537	rVB5	58514	126678	2.85%	0.207%
49	18.086	2546	2550	2556	rBV	457190	598017	13.44%	0.979%
50	18.221	2567	2573	2584	rBV2	1140395	1648259	37.05%	2.697%
51	18.368	2594	2598	2602	rBV	329176	460504	10.35%	0.754%
52	18.433	2606	2609	2613	rVV2	170633	250350	5.63%	0.410%
53	18.480	2613	2617	2622	rVV3	278630	401315	9.02%	0.657%
54	18.533	2623	2626	2630	rVB4	62641	80586	1.81%	0.132%
55	18.668	2645	2649	2657	rVB5	156949	242547	5.45%	0.397%
56	18.815	2667	2674	2682	rBV3	533750	825236	18.55%	1.351%
57	18.950	2694	2697	2703	rVV8	69764	78376	1.76%	0.128%
58	19.009	2704	2707	2712	rVB2	101447	127654	2.87%	0.209%
59	19.315	2754	2759	2763	rVB	446311	532726	11.97%	0.872%
60	19.362	2764	2767	2776	rVV2	240123	399490	8.98%	0.654%
61	19.603	2803	2808	2813	rBV2	2065995	2841125	63.86%	4.650%
62	20.039	2878	2882	2885	rBV	1297719	1538453	34.58%	2.518%
63	20.439	2947	2950	2956	rVB2	265714	364159	8.18%	0.596%
64	20.521	2960	2964	2969	rBV	3983223	4449246	100.00%	7.281%
65	20.991	3041	3044	3049	rBV	318049	439625	9.88%	0.719%
66	21.074	3054	3058	3064	rVV2	1093909	1406032	31.60%	2.301%
67	21.286	3090	3094	3097	rBV	638111	698989	15.71%	1.144%
68	21.391	3108	3112	3117	rVB	3124603	3863221	86.83%	6.322%
69	21.750	3169	3173	3177	rVB	966439	1121535	25.21%	1.835%
70	22.674	3326	3330	3334	rVB5	478331	683045	15.35%	1.118%
71	23.556	3476	3480	3488	rVB2	910790	1686567	37.91%	2.760%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

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-BM042517.M
Title : SVOA CALIBRATION

72	23.703	3500	3505	3509	rBV	1522444	2729850	61.36%	4.468%
73	24.109	3569	3574	3582	rVB2	907212	1777518	39.95%	2.909%
74	25.232	3761	3765	3773	rVB	626594	1309607	29.43%	2.143%

Sum of corrected areas: 61104624

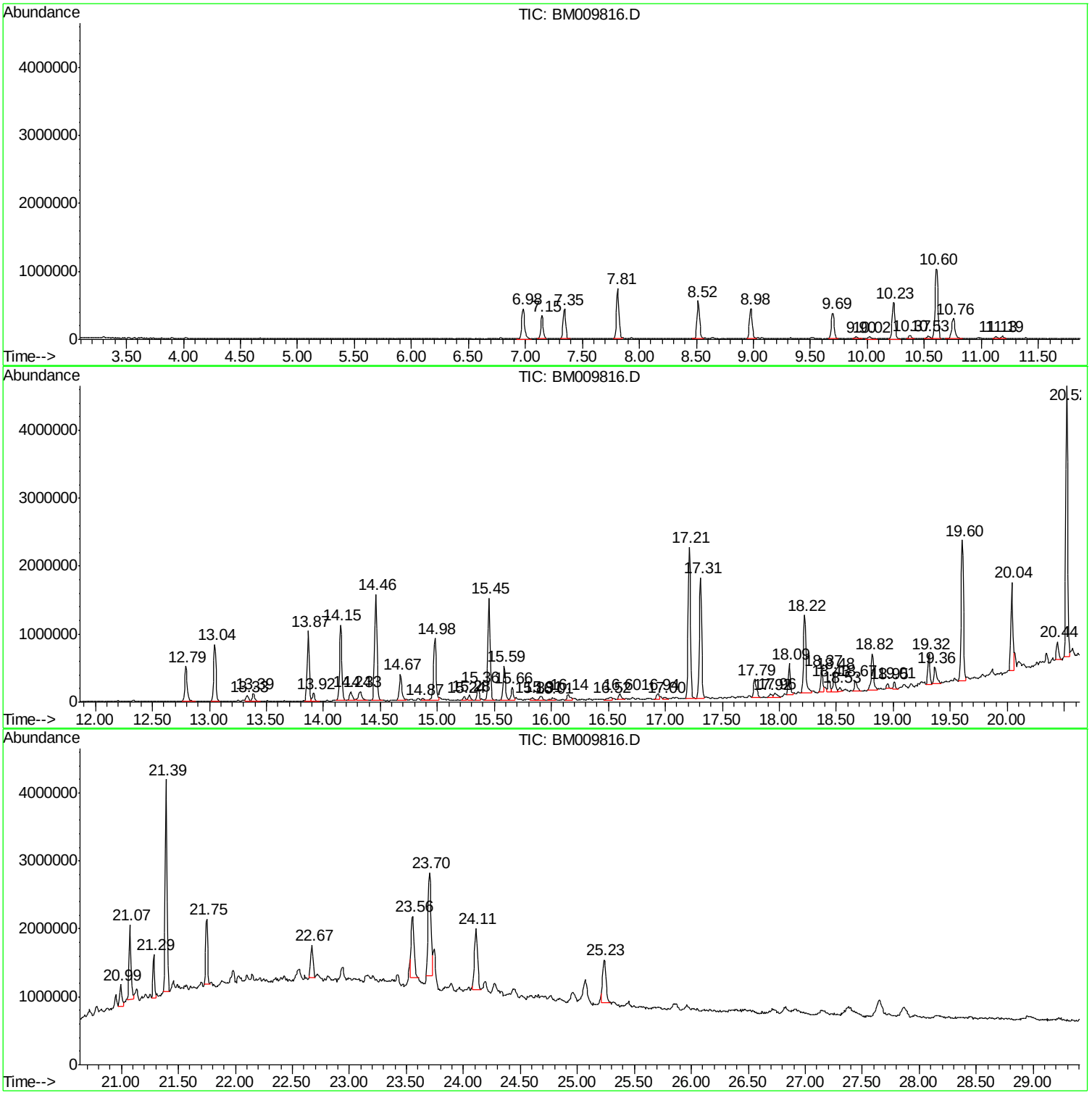
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

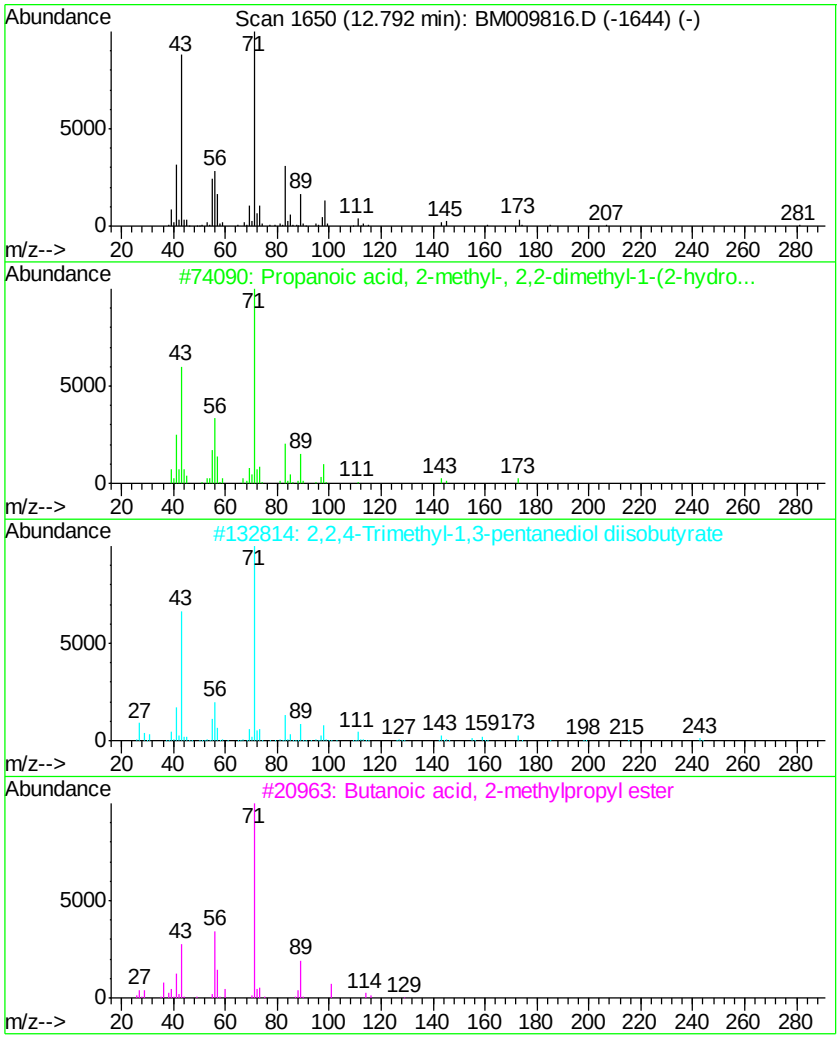
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

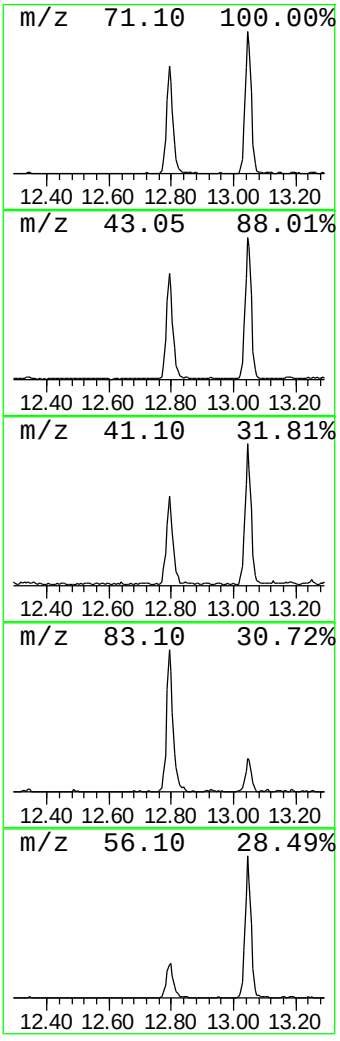
****

Peak Number 1 Propanoic acid, 2-methyl-, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	6.48 ng/ul	791981	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	86
2	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	72
3	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	42
4	Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	40
5	Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	40





Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

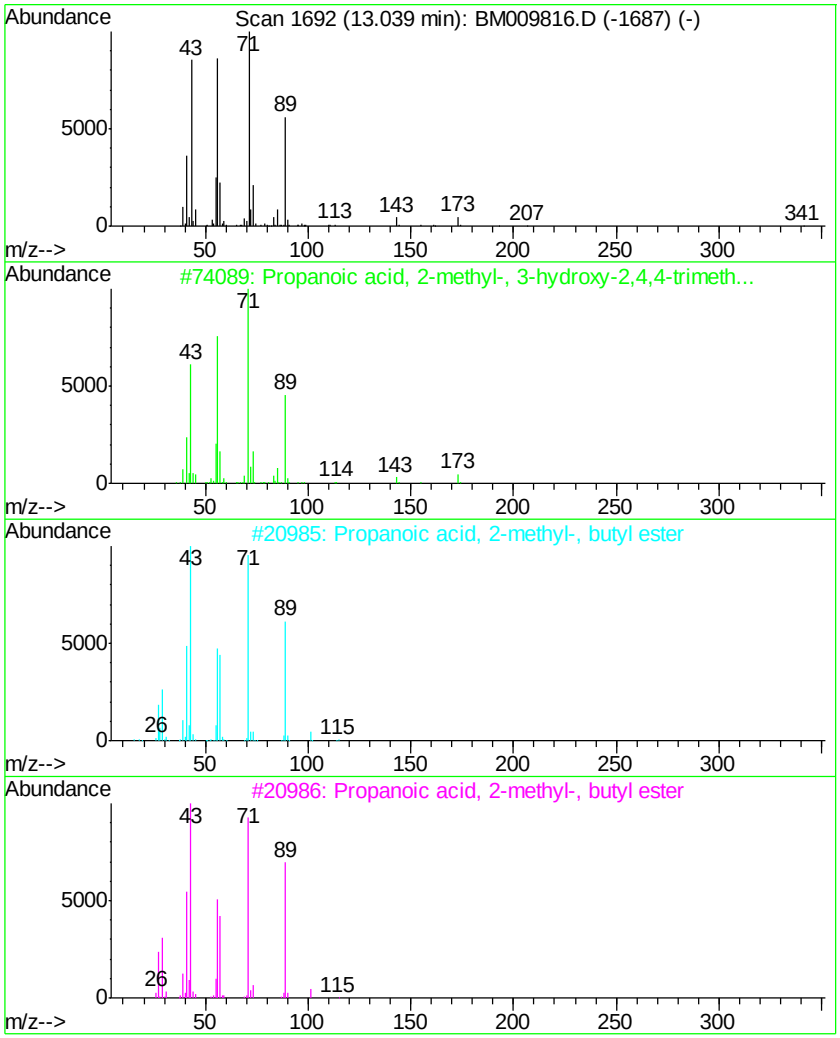
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

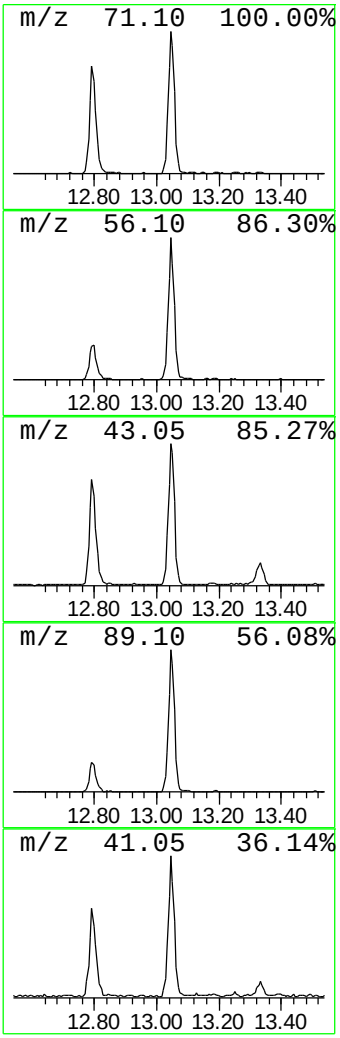
****

Peak Number 2 Propanoic acid, 2-methyl-, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	9.65 ng/ul	1180070	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	91
2	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	53
3	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	53
4	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	53
5	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	50





Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

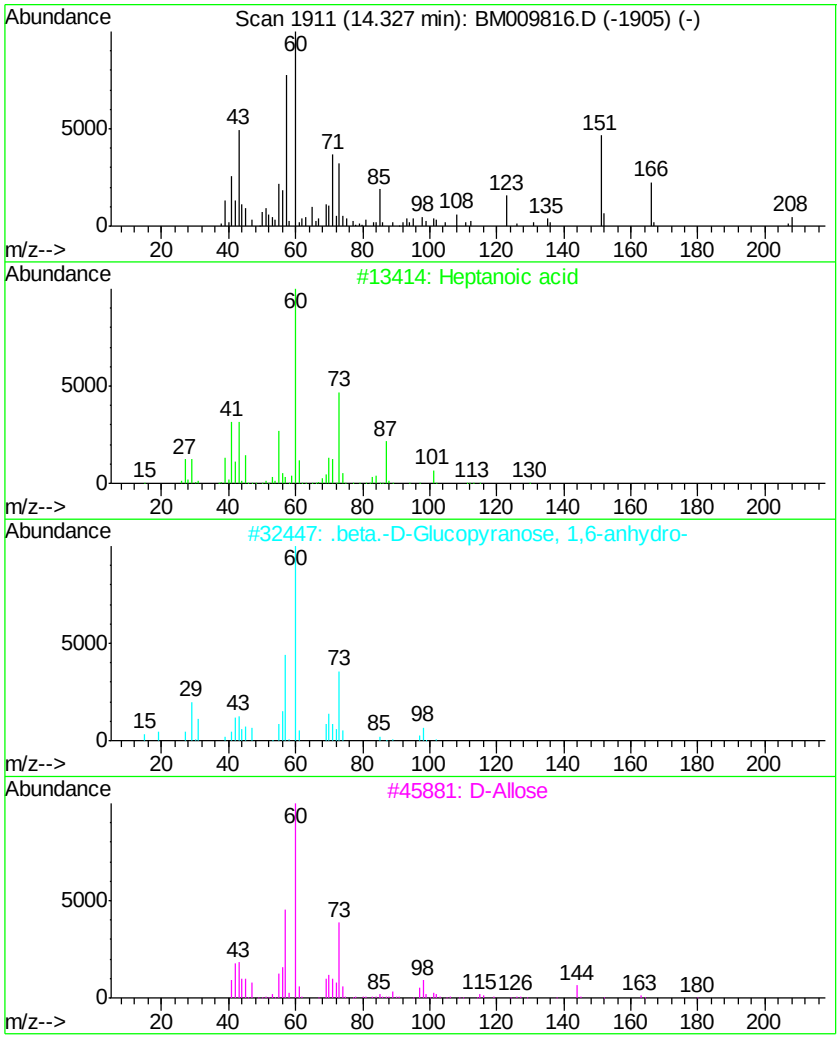
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

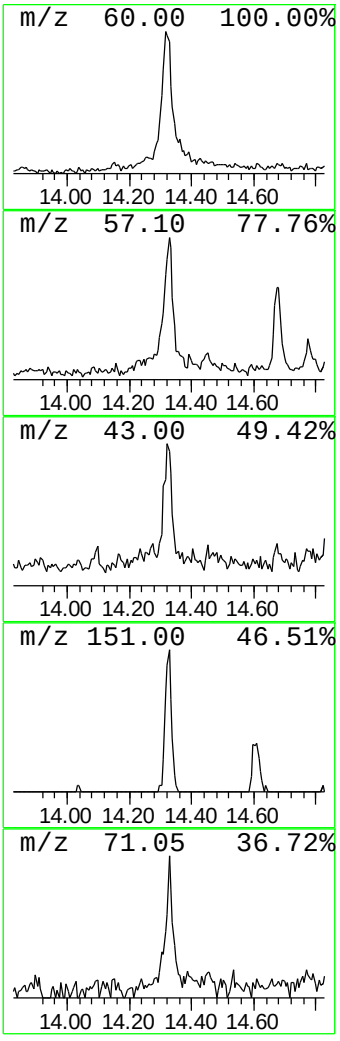
****

Peak Number 3 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	2.24 ng/ul	274418	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	27
2	.beta.-D-Glucopyranose, 1,6-anhy...	162	C6H10O5	000498-07-7	25
3	D-Allose	180	C6H12O6	002595-97-3	25
4	Hexanoic acid, 6-bromo-	194	C6H11BrO2	004224-70-8	16
5	Butanoic acid	88	C4H8O2	000107-92-6	16





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

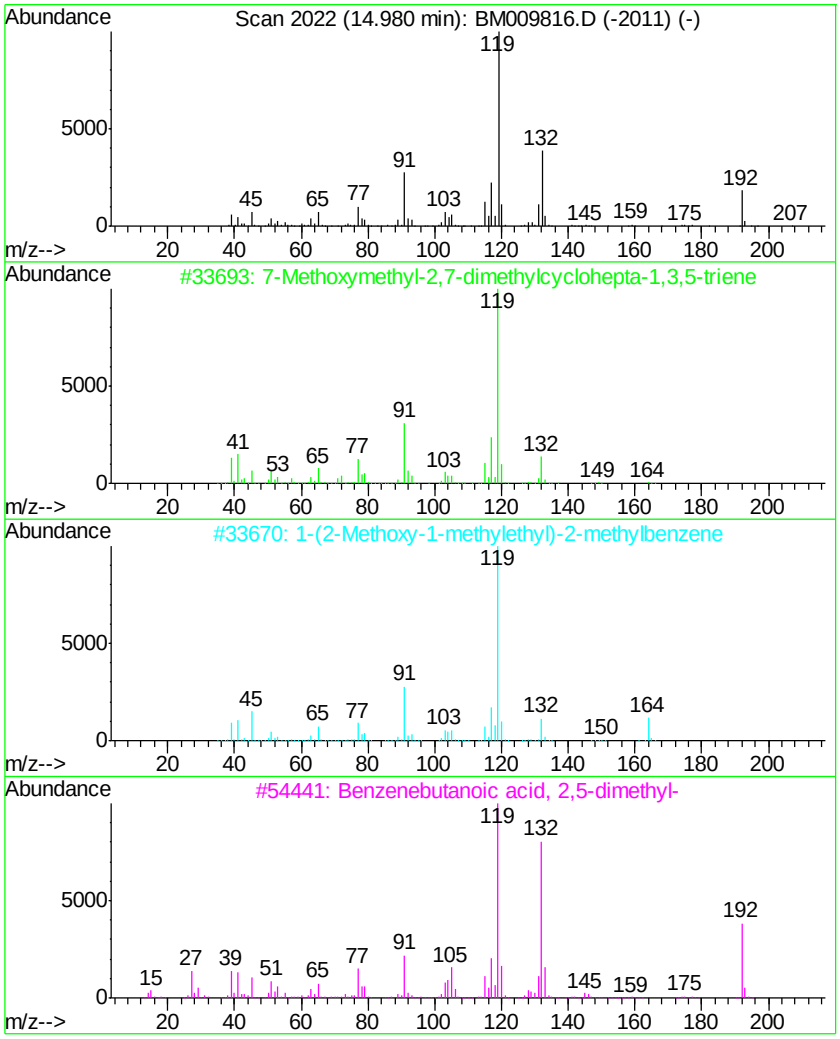
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

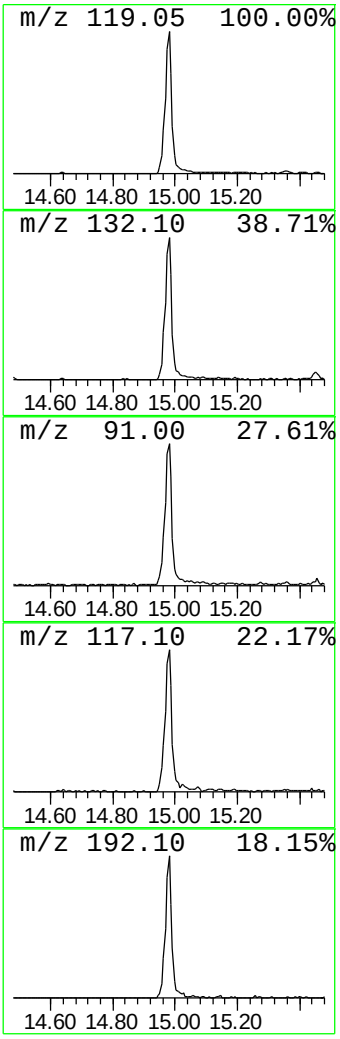
****

Peak Number 4 7-Methoxymethyl-2,7-dimethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	11.75 ng/ul	1436730	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methoxymethyl-2,7-dimethylcycl...	164	C11H16O	073992-48-0	90
2	1-(2-Methoxy-1-methylethyl)-2-me...	164	C11H16O	1000210-02-1	53
3	Benzenebutanoic acid, 2,5-dimethyl-	192	C12H16O2	001453-06-1	43
4	3,4-Dimethylbenzyl isothiocyanate	177	C10H11NS	206559-59-3	43
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	43





Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

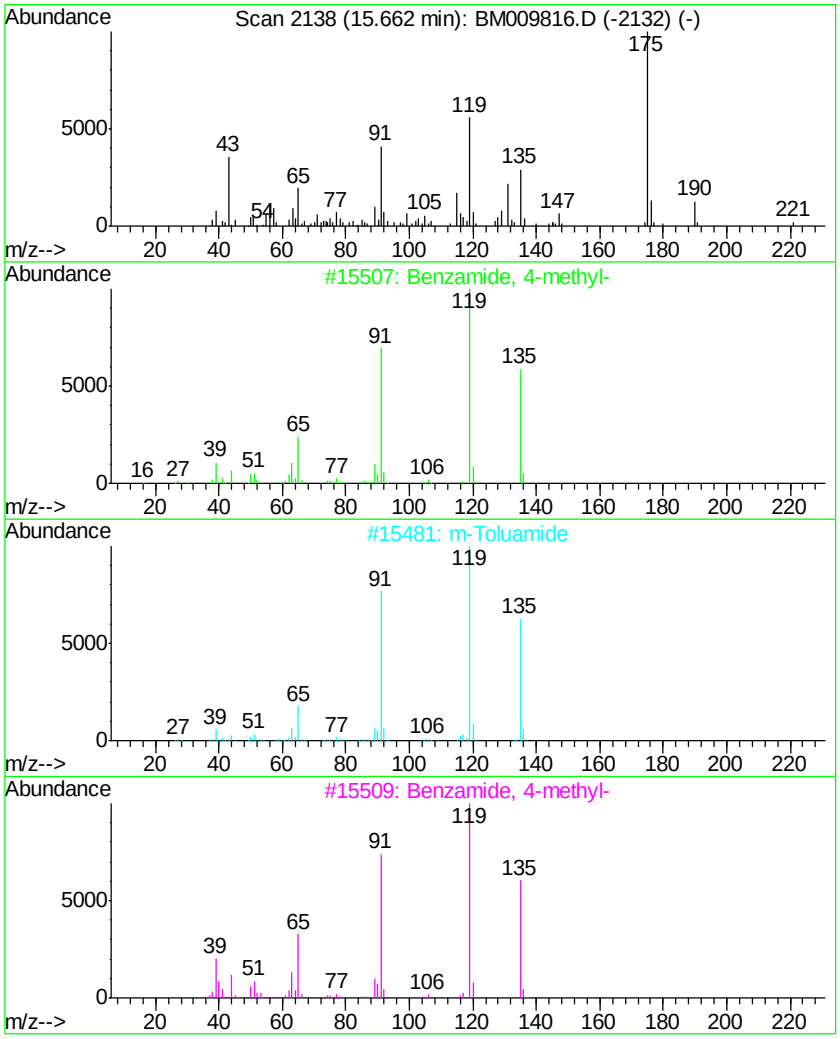
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

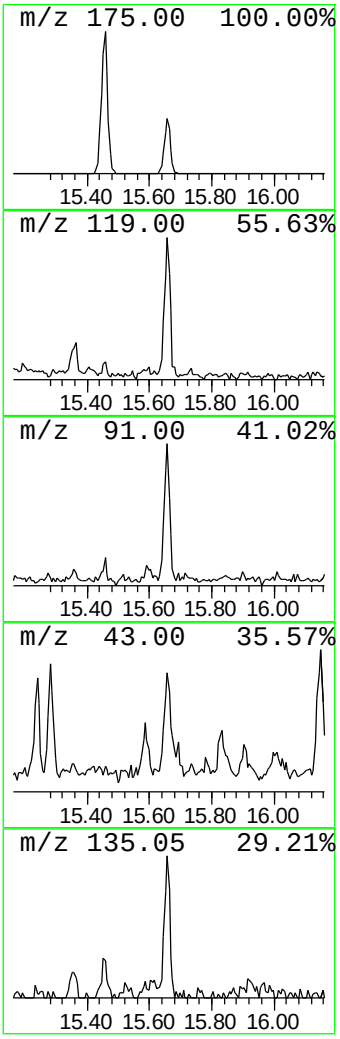
****

Peak Number 5 Benzamide, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.12 ng/ul	259343	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 4-methyl-	135	C8H9NO	000619-55-6	83
2	m-Toluamide	135	C8H9NO	000618-47-3	42
3	Benzamide, 4-methyl-	135	C8H9NO	000619-55-6	42
4	Benzamide, 4-methyl-	135	C8H9NO	000619-55-6	38
5	m-Aminobenzenesulfonyl fluoride	175	C6H6FNO2S	000368-50-3	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

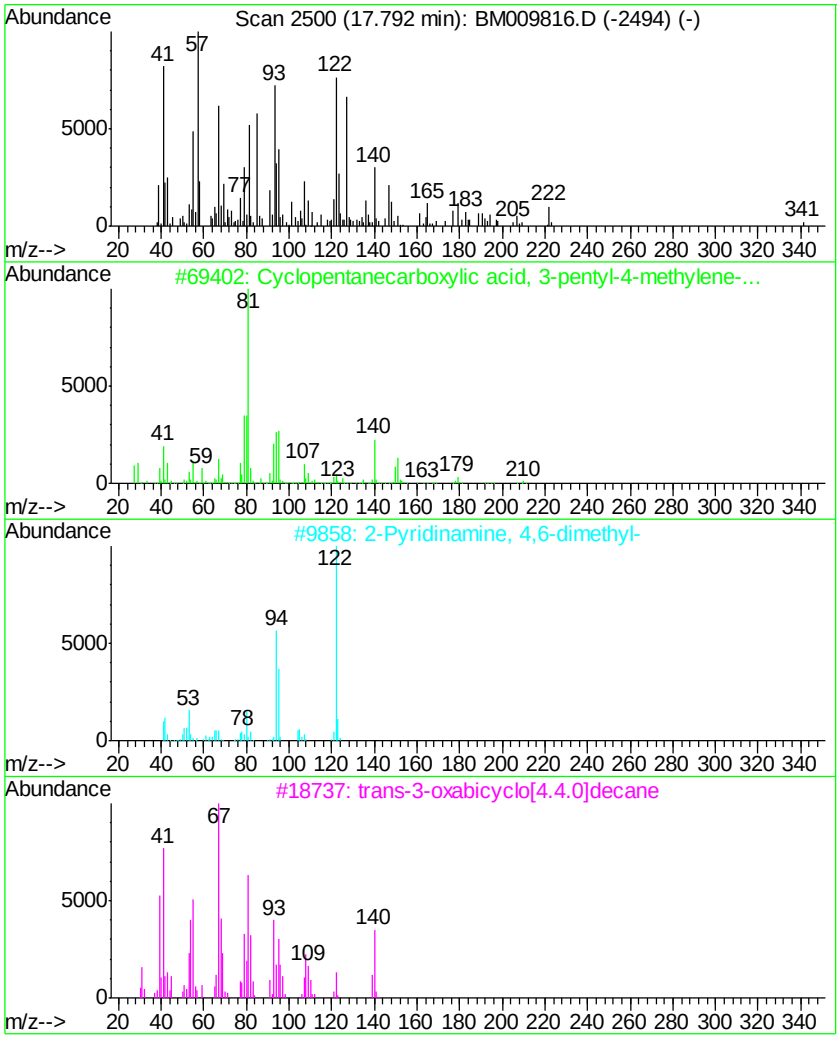
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

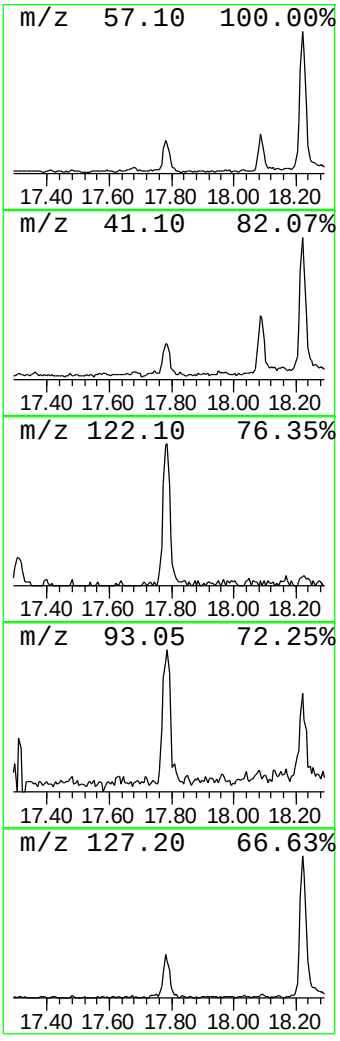
****

Peak Number 6 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	3.18 ng/ul	494864	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, 3-p...	210	C13H22O2	1000154-25-0	25
2	2-Pyridinamine, 4,6-dimethyl-	122	C7H10N2	005407-87-4	15
3	trans-3-oxabicyclo[4.4.0]decane	140	C9H16O	1000216-87-4	14
4	Pyrazole, 1-vinyl-3,5-dimethyl-	122	C7H10N2	015967-75-6	14
5	2-Pyridinamine, 4,6-dimethyl-	122	C7H10N2	005407-87-4	14





Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

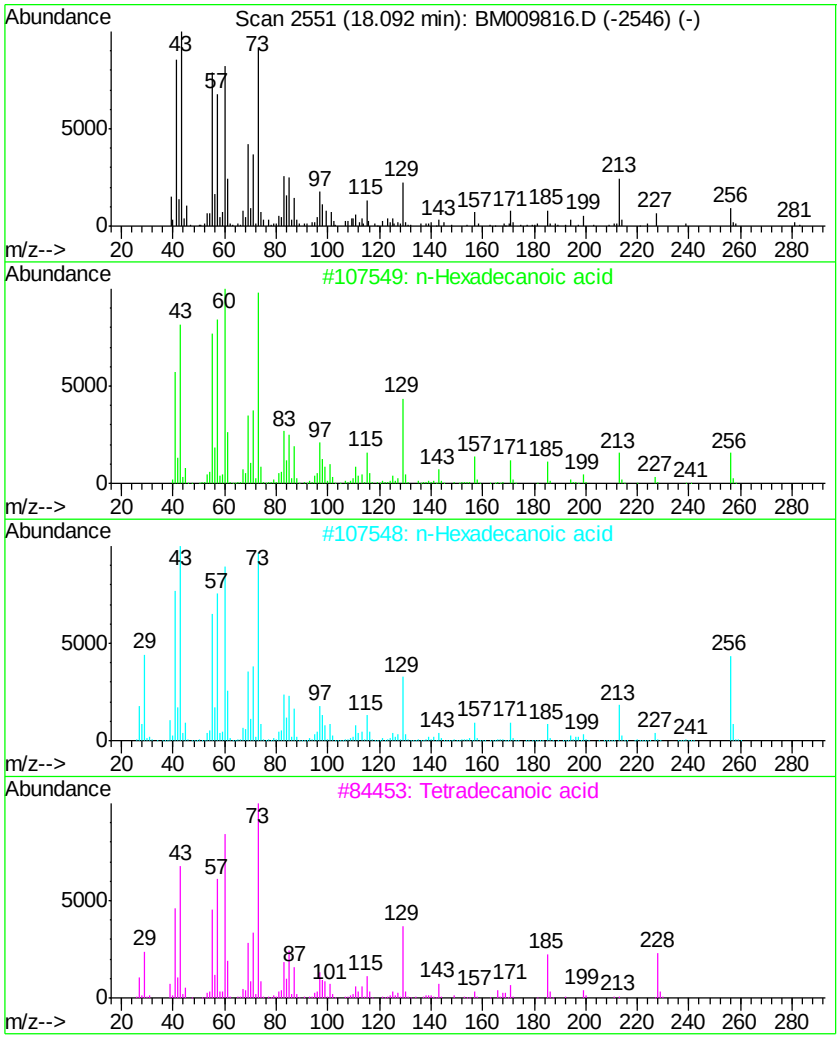
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

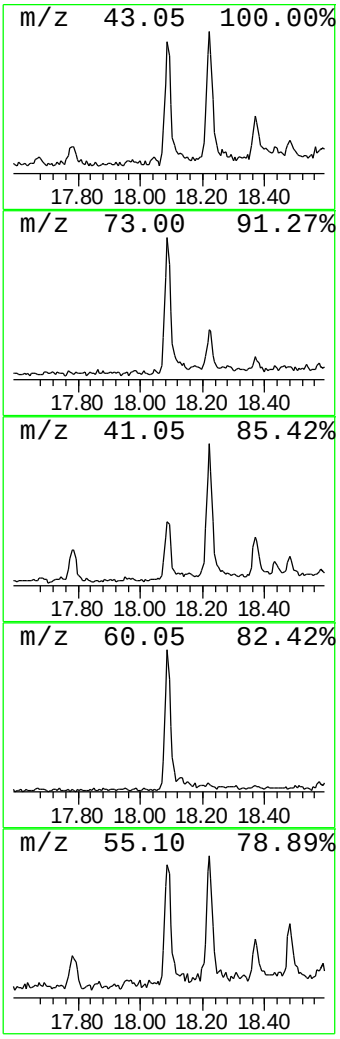
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	3.84 ng/ul	598017	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

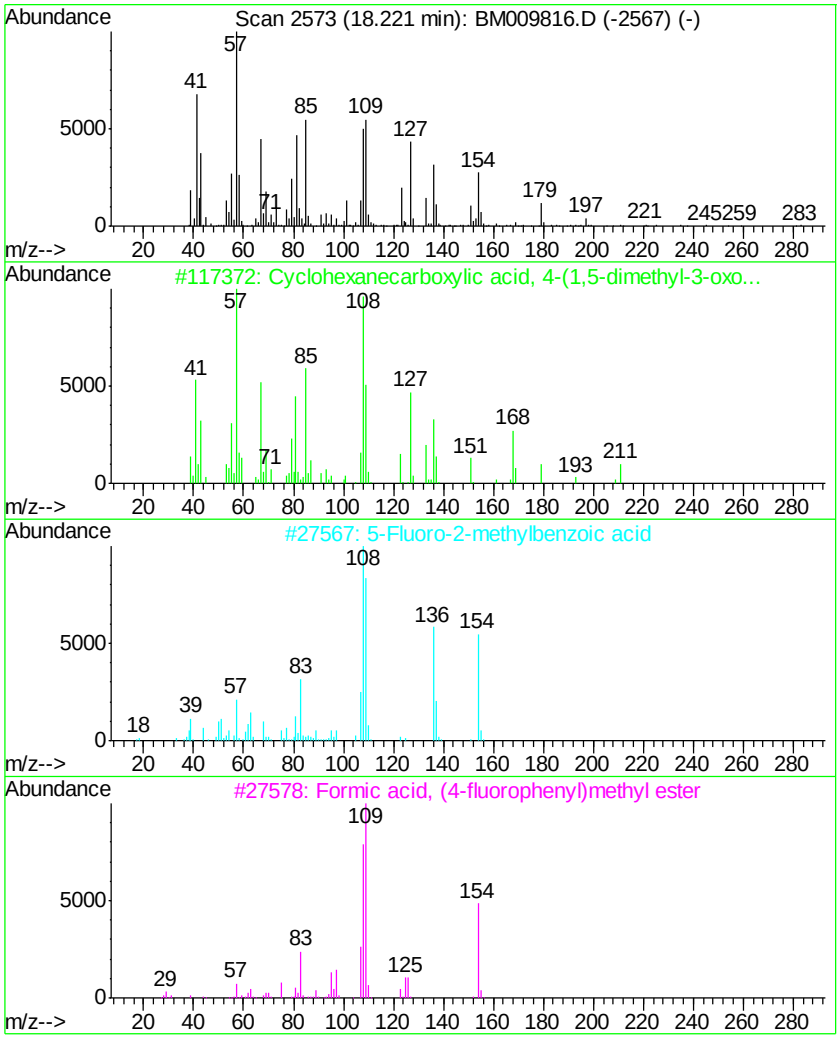
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

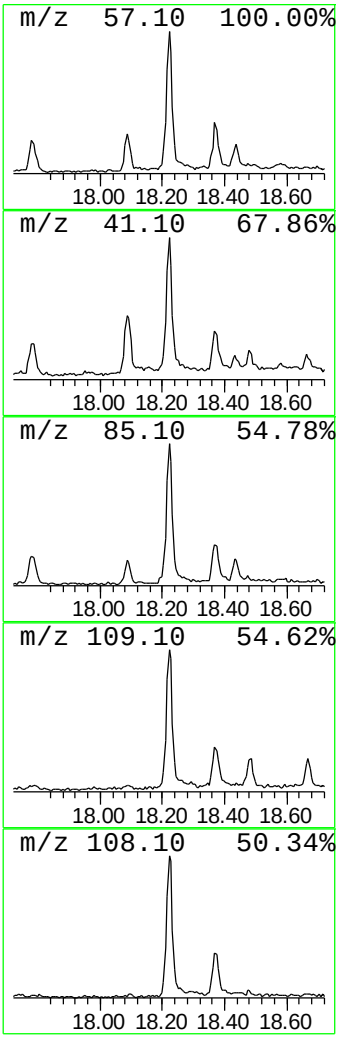
****

Peak Number 8 Cyclohexanecarboxylic acid,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	10.58 ng/ul	1648260	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 4-(1...	268	C16H28O3	017904-29-9	59
2	5-Fluoro-2-methylbenzoic acid	154	C8H7FO2	033184-16-6	55
3	Formic acid, (4-fluorophenyl)met...	154	C8H7FO2	1000368-72-9	22
4	1,4-Benzodioxin, 4a,5,6,7,8,8a-h...	154	C9H14O2	007196-96-5	22
5	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	18





Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

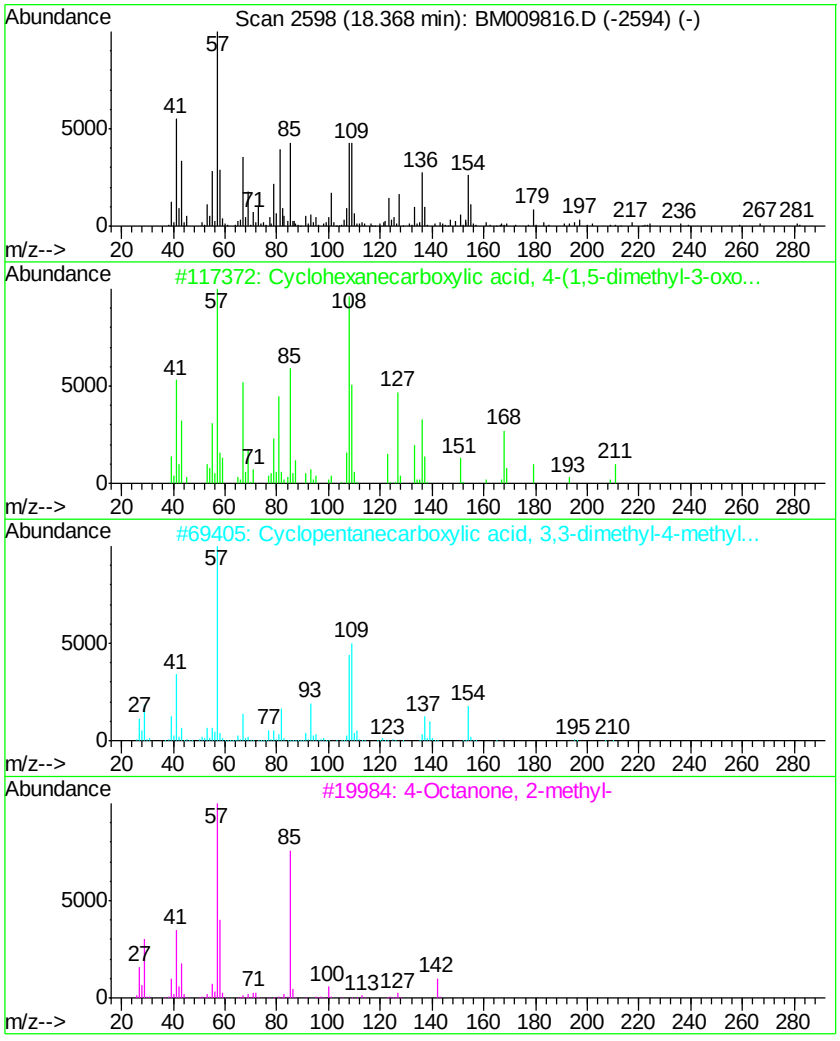
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

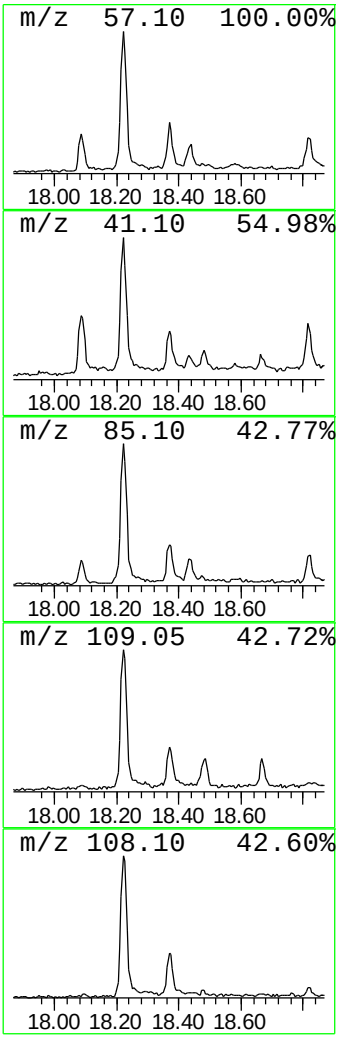
****

Peak Number 9 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	2.96 ng/ul	460504	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 4-(1...	268	C16H28O3	017904-29-9	40
2	Cyclopentanecarboxylic acid, 3,3...	210	C13H22O2	087753-77-3	32
3	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	10
4	Neopentyl isobutyl ketone	156	C10H20O	040239-19-8	10
5	Pyridin-3-yl 2-methylbutanoate	179	C10H13NO2	1000372-73-7	10





Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

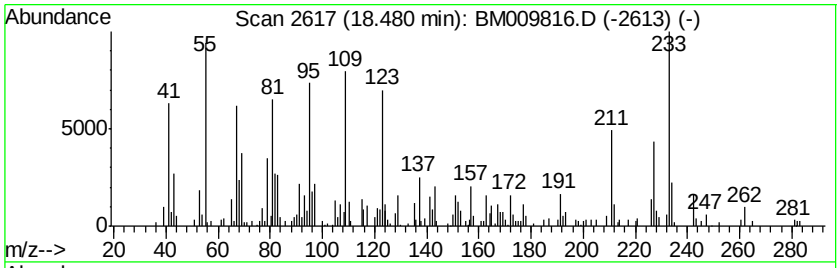
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

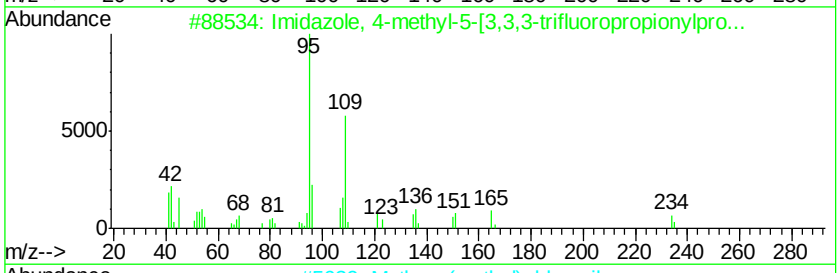
****

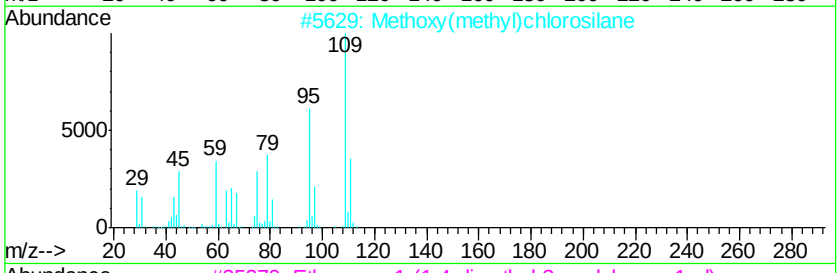
Peak Number 10 unknown-04 Concentration Rank 16

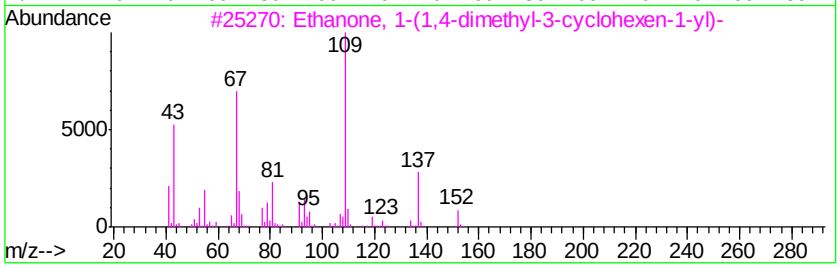
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	2.58 ng/ul	401315	Phenanthrene-d10	17.21

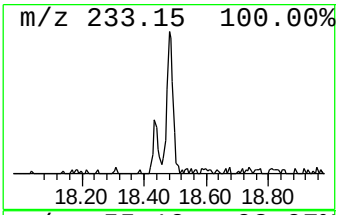
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazole, 4-methyl-5-[3,3,3-tri...	234	C10H13F3N2O	1000129-15-8	38
2	Methoxy(methyl)chlorosilane	110	C2H7ClOSi	018151-27-4	27
3	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	25
4	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	25
5	9-Oxabicyclo[6.1.0]non-6-en-2-one	138	C8H10O2	1000211-01-6	15

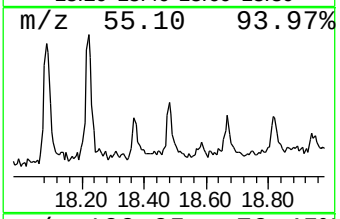


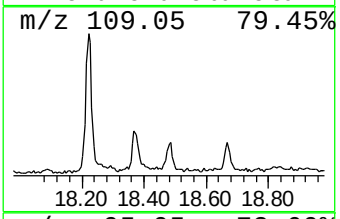


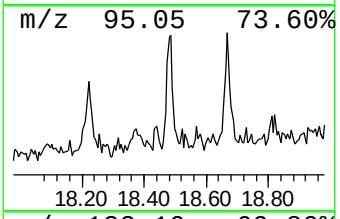


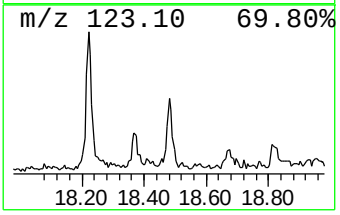












Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

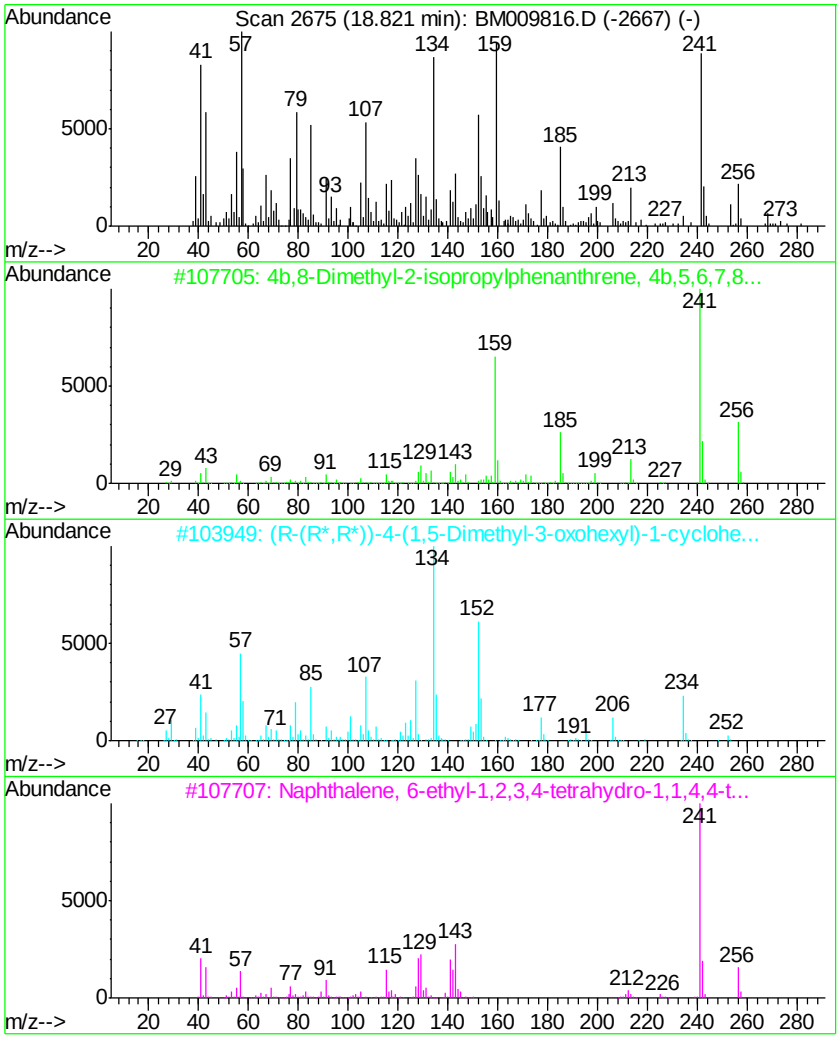
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

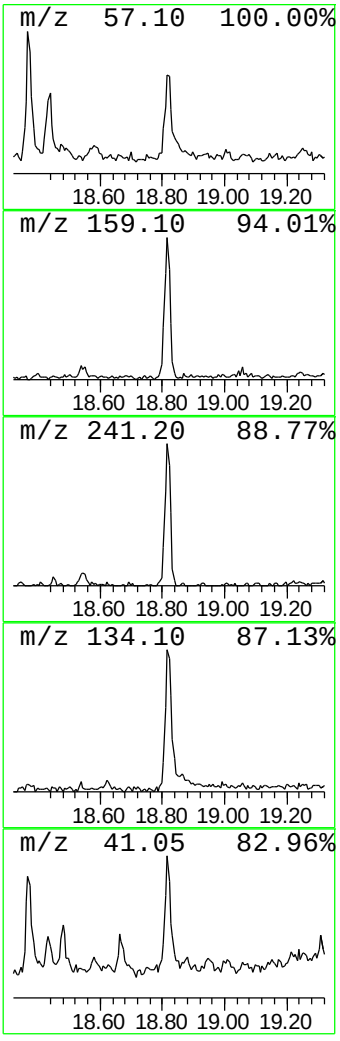
****

Peak Number 11 4b,8-Dimethyl-2-isopropylph... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	5.30 ng/ul	825236	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	64
2	(R-(R*,R*))-4-(1,5-Dimethyl-3-ox...	252	C15H24O3	006753-22-6	50
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	25
4	2,3,4-Trifluorobenzoic acid, 2-a...	310	C17H17F3O2	1000283-00-3	22
5	1-Phenanthrenecarboxaldehyde, 1,...	284	C20H28O	024035-50-5	20





Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

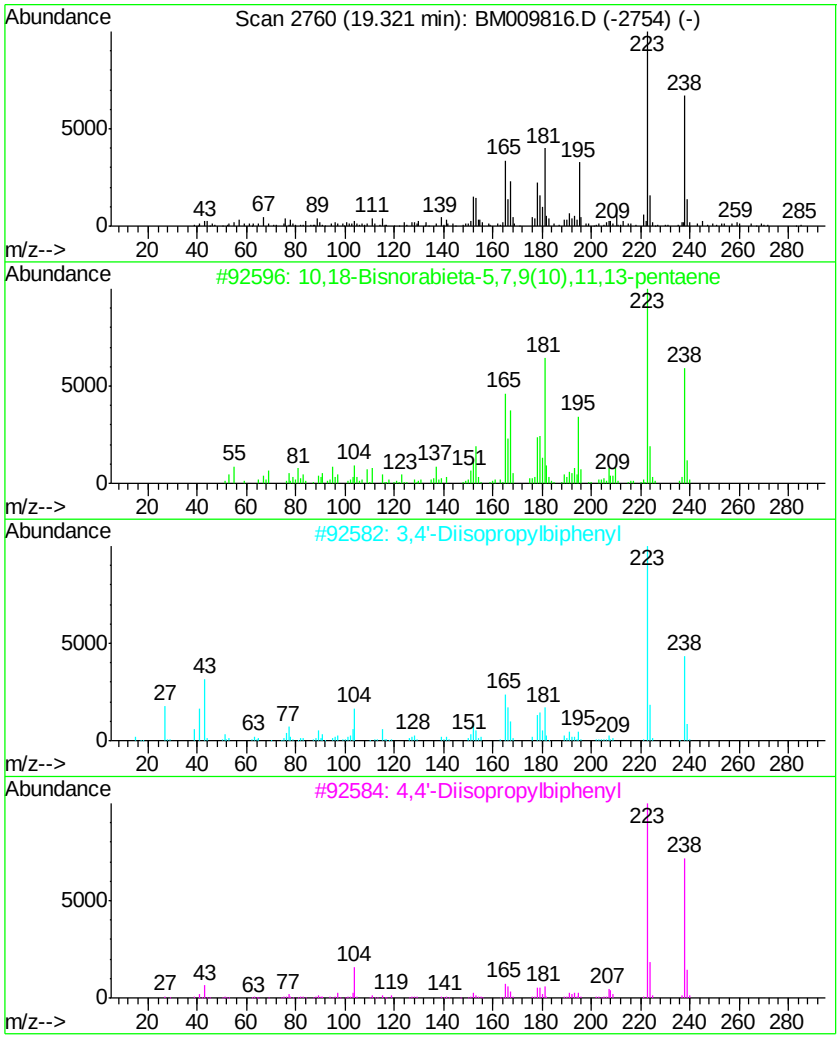
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

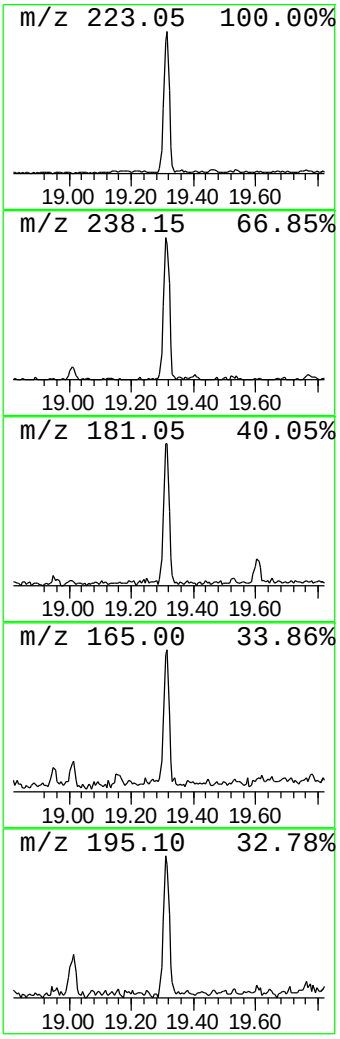
****

Peak Number 12 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	2.76 ng/ul	532726	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	98
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	58
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50
4	3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	49
5	4,4'-Diacetyl biphenyl	238	C16H14O2	000787-69-9	45





Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

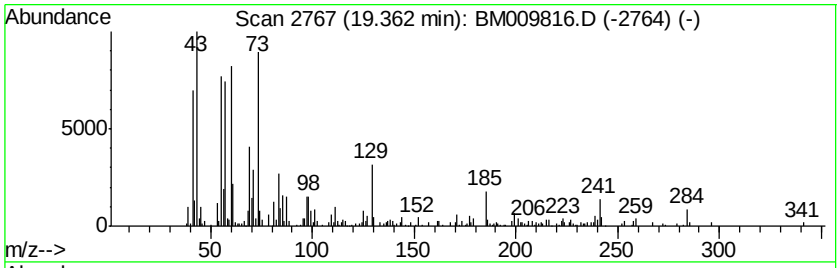
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

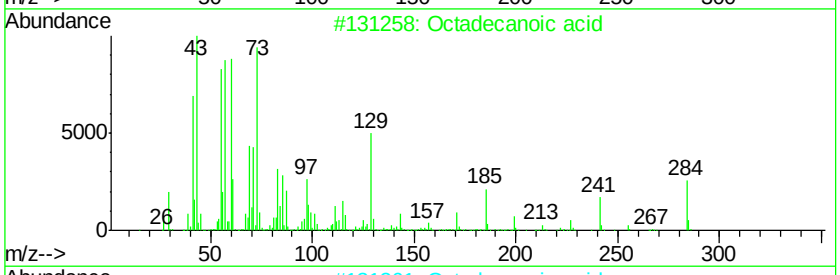
****

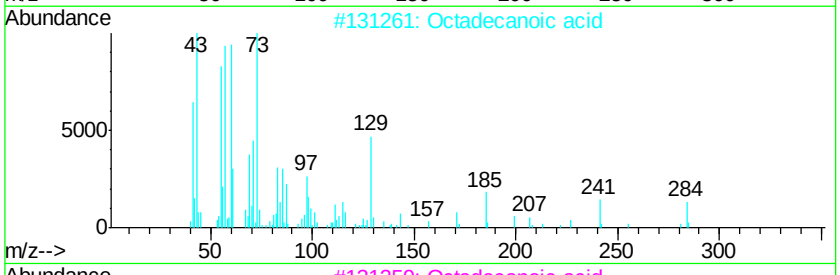
Peak Number 13 Octadecanoic acid Concentration Rank 20

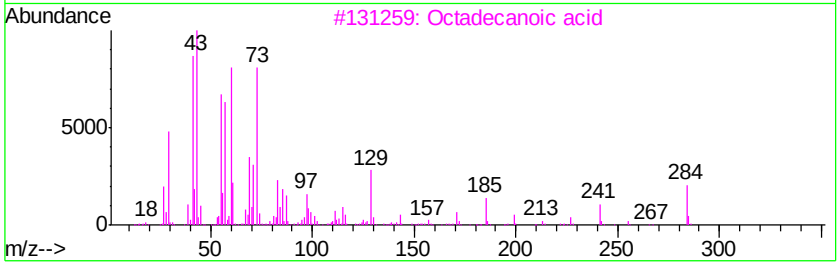
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	2.07 ng/ul	399490	Chrysene-d12	21.39

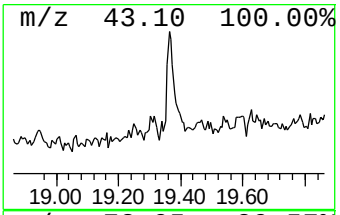
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93

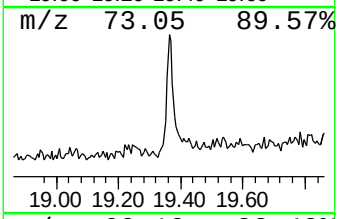


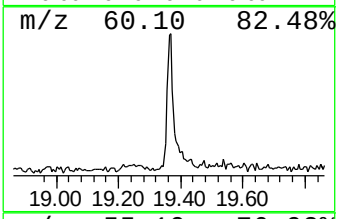


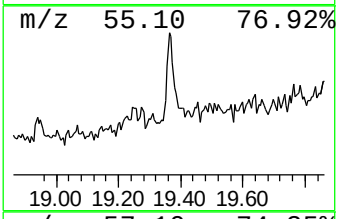


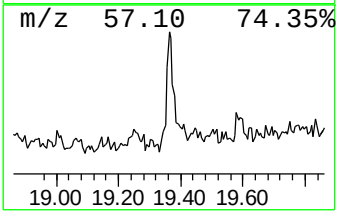












Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

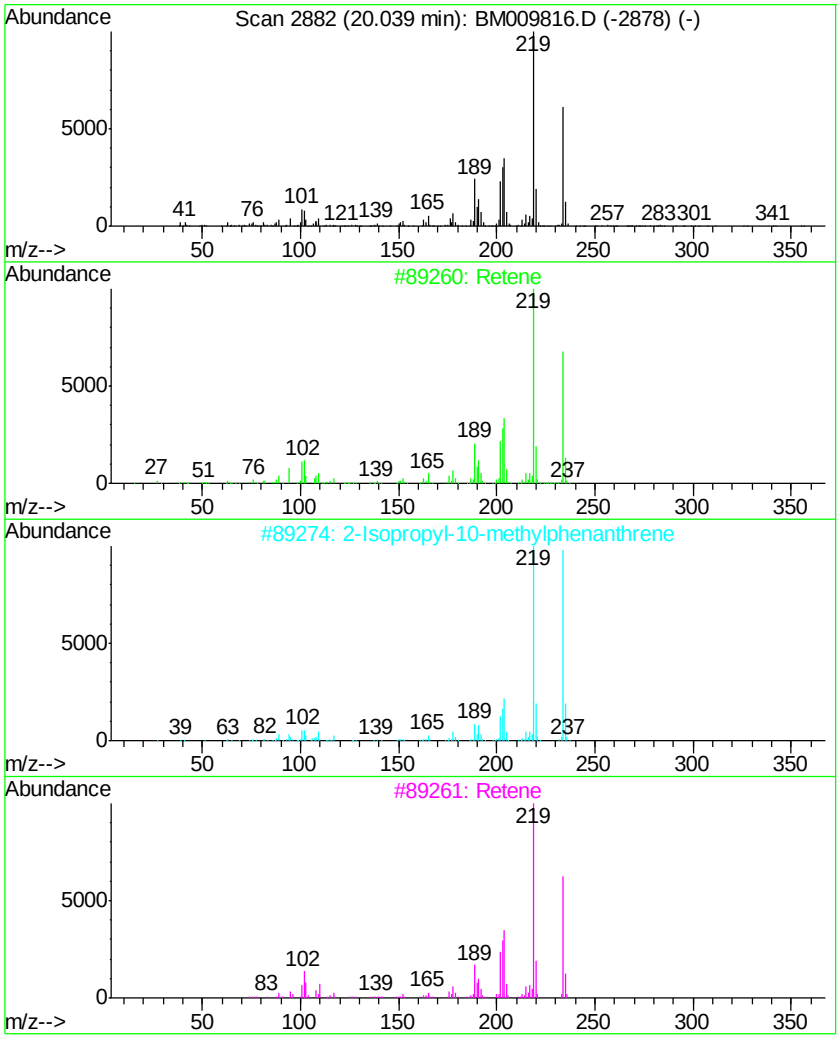
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

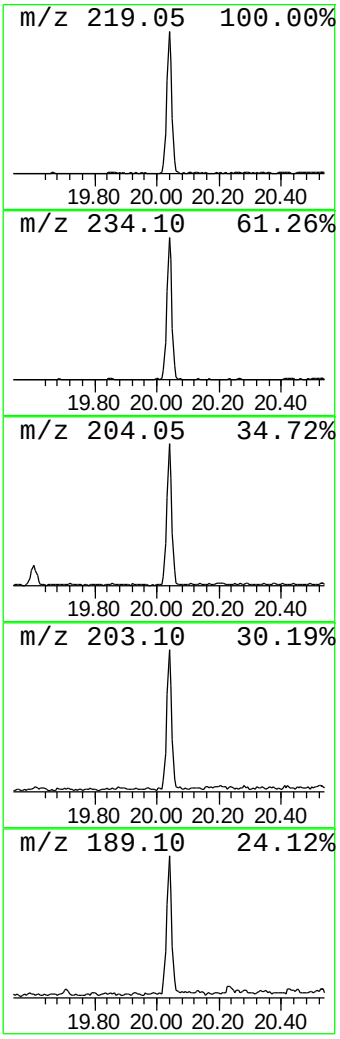
****

Peak Number 14 Retene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	7.96 ng/ul	1538450	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Retene	234	C18H18	000483-65-8	91
4	Retene	234	C18H18	000483-65-8	87
5	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	86





Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

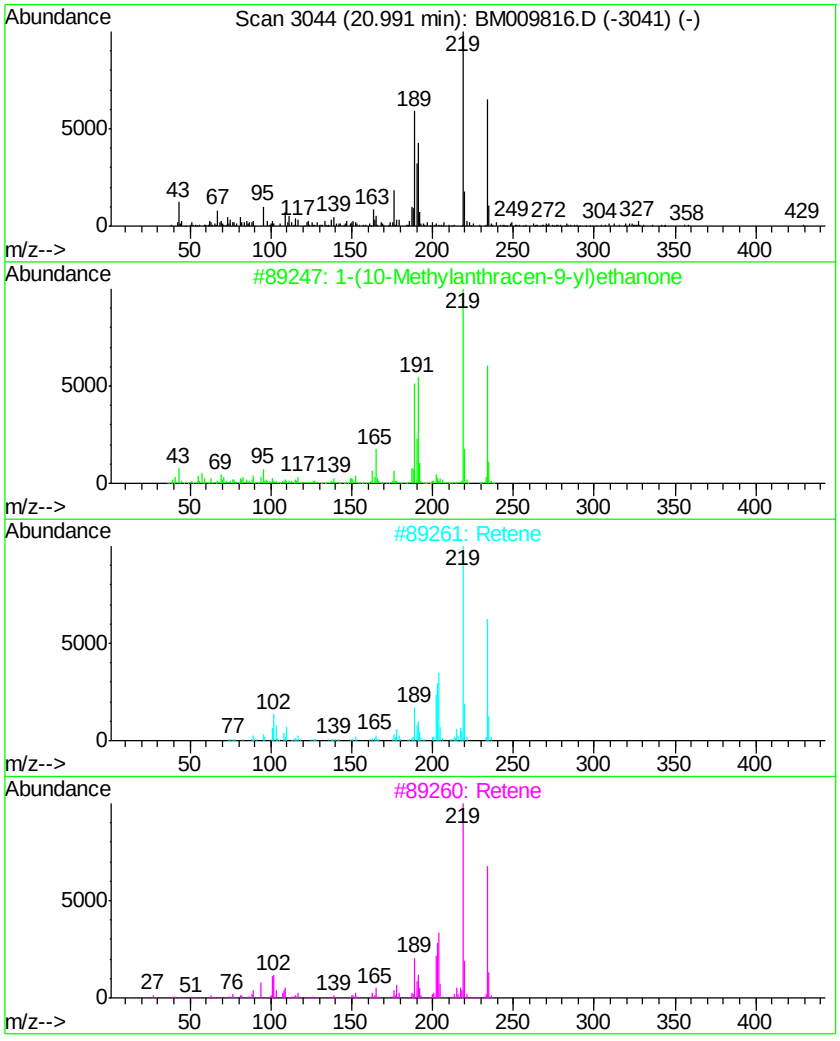
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

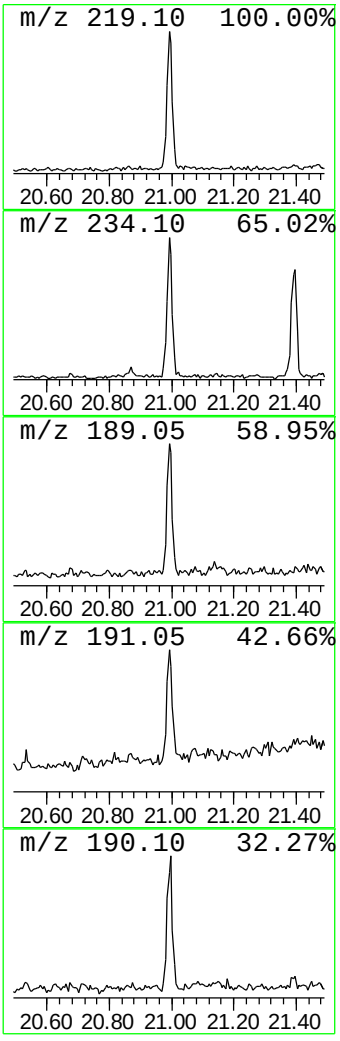
****

Peak Number 15 1-(10-Methylanthracen-9-yl)... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.28 ng/ul	439625	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(10-Methylanthracen-9-yl)ethanone	234	C17H14O	036778-18-4	83
2	Retene	234	C18H18	000483-65-8	49
3	Retene	234	C18H18	000483-65-8	49
4	Retene	234	C18H18	000483-65-8	49
5	2-Propanone, 1-(5-phenyl-3H-1,2-...	234	C12H10OS2	027315-83-9	43





Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

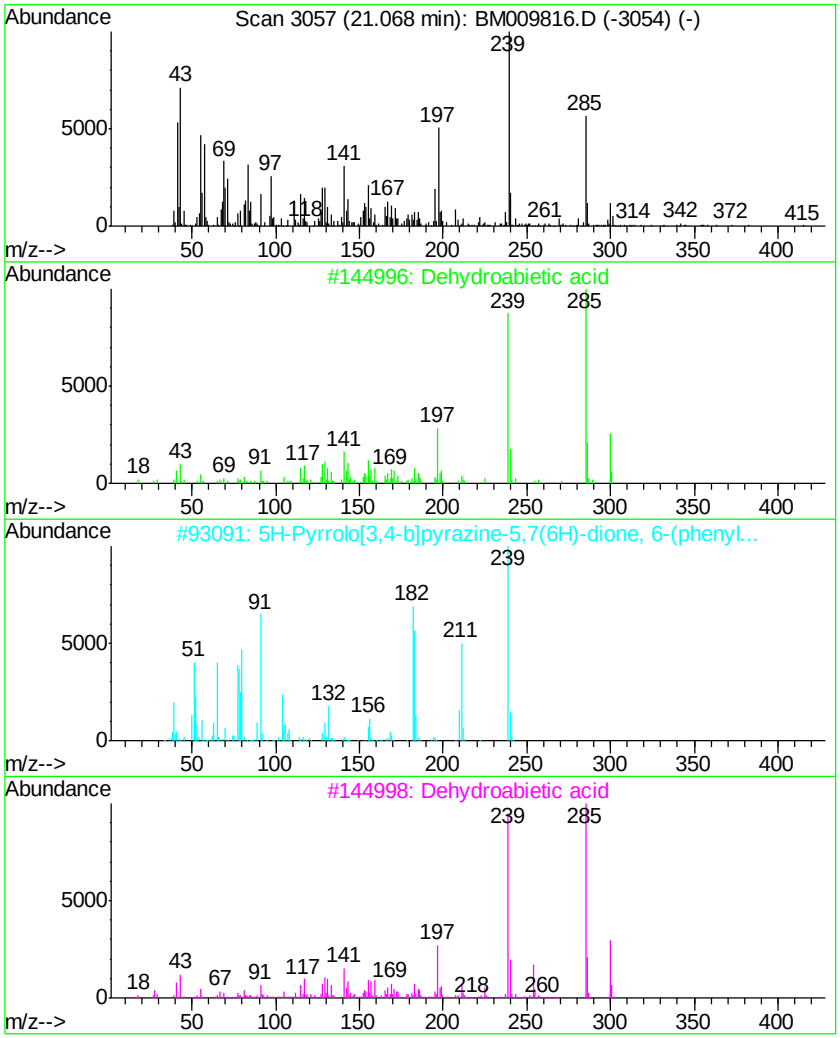
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

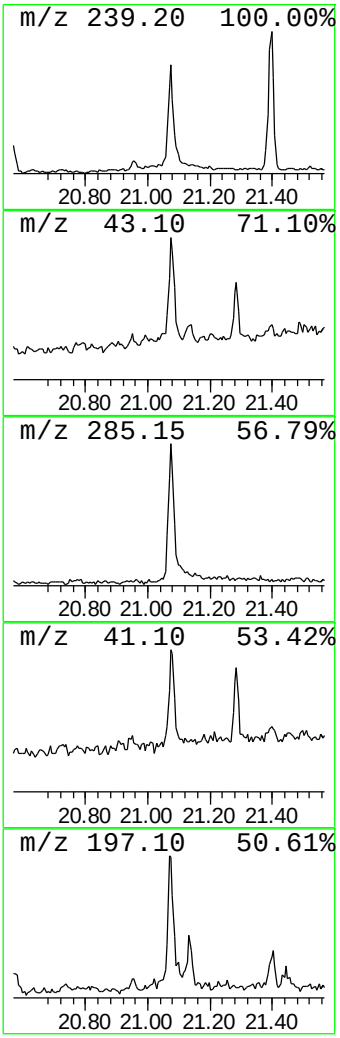
****

Peak Number 16 Dehydroabietic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	7.28 ng/ul	1406030	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	91
2	5H-Pyrrolo[3,4-b]pyrazine-5,7(6H...	239	C13H9N3O2	1000337-19-6	91
3	Dehydroabietic acid	300	C20H28O2	001740-19-8	90
4	Dehydroabietic acid	300	C20H28O2	001740-19-8	89
5	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	52





Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

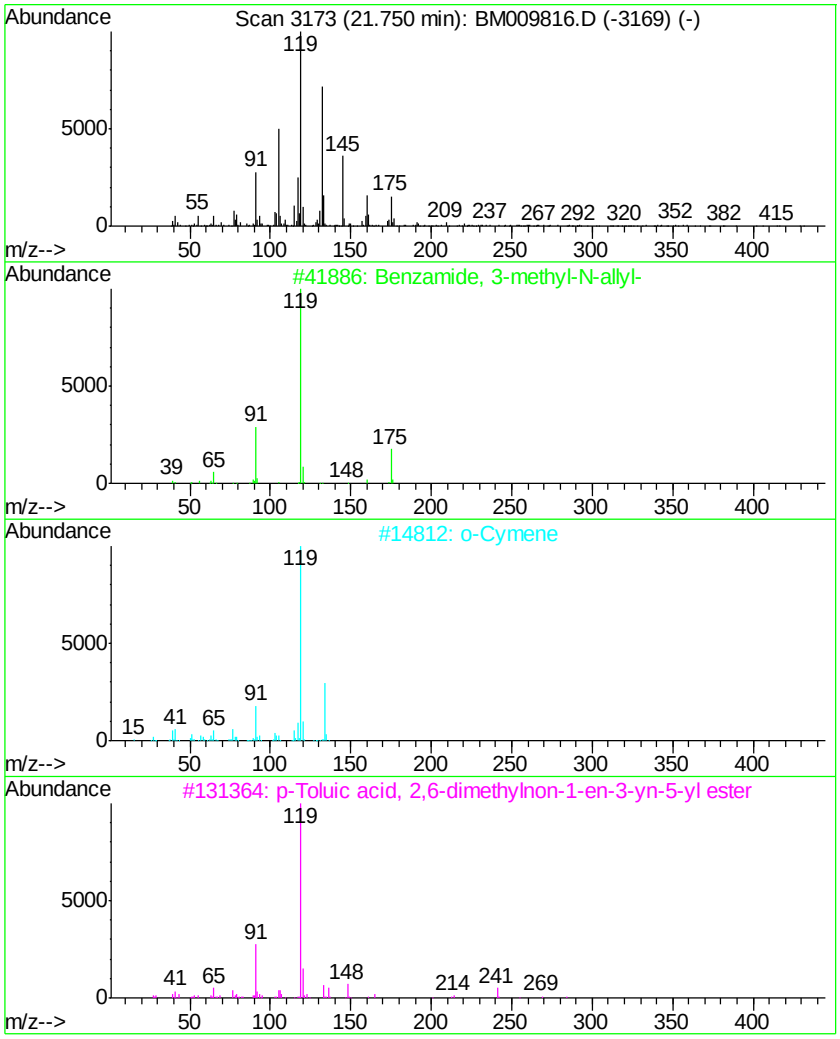
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

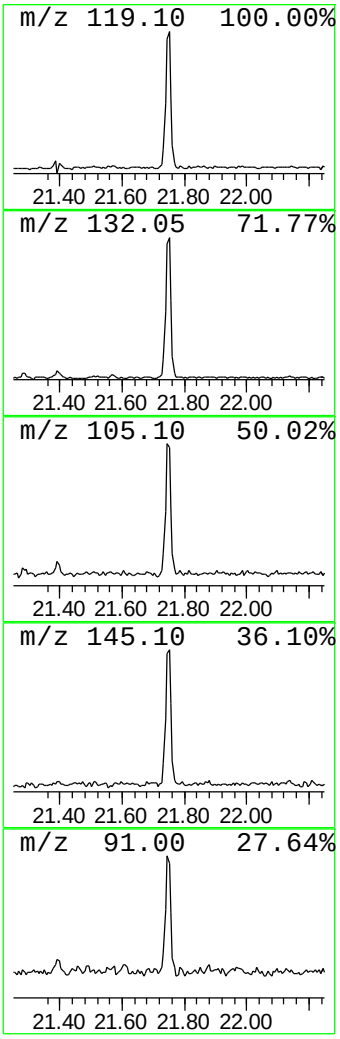
****

Peak Number 17 unknown-05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	5.81 ng/ul	1121540	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 3-methyl-N-allyl-	175	C11H13NO	1000339-09-8	43
2	o-Cymene	134	C10H14	000527-84-4	41
3	p-Toluic acid, 2,6-dimethylnon-1...	284	C19H24O2	1000292-50-7	41
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	35
5	3,4-Dimethylbenzyl isothiocyanate	177	C10H11NS	206559-59-3	35





Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

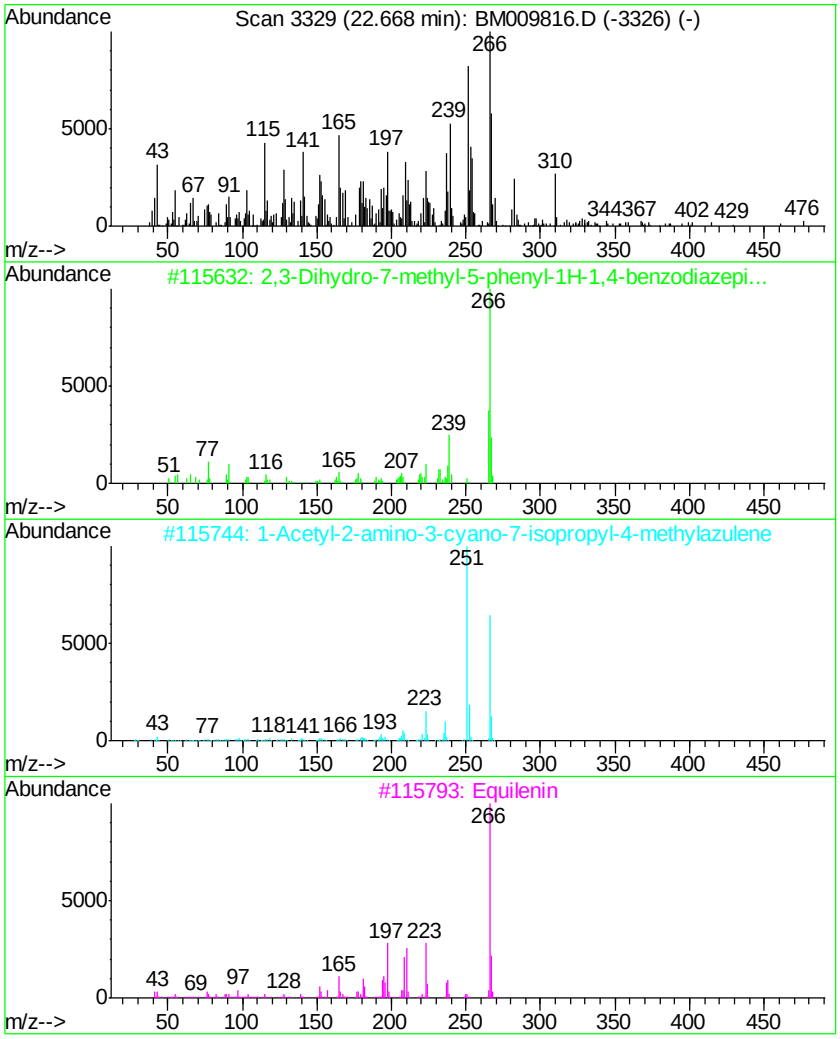
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

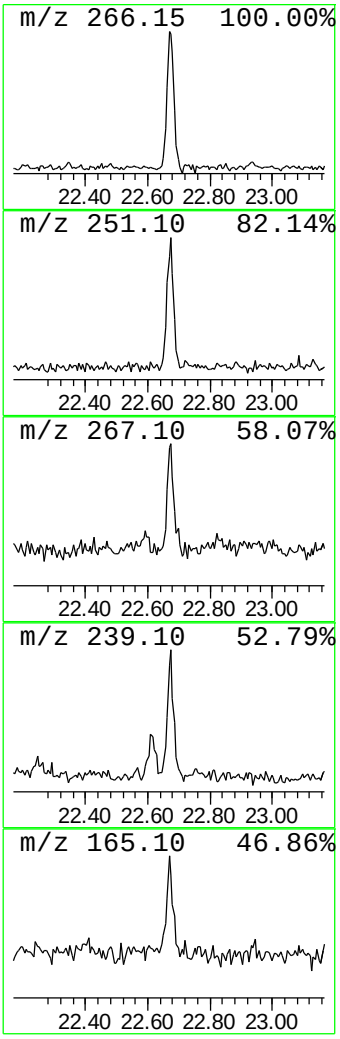
****

Peak Number 18 2,3-Dihydro-7-methyl-5-phen... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	5.00 ng/ul	683045	Perylene-d12	23.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-7-methyl-5-phenyl-1H...	266	C16H14N2S	002888-60-0	62
2	1-Acetyl-2-amino-3-cyano-7-isopr...	266	C17H18N2O	1000241-32-4	50
3	Equilenin	266	C18H18O2	000517-09-9	47
4	2-[2-(4-Methoxyphenyl)ethenyl]be...	267	C16H13NOS	059198-05-9	38
5	5-tert-Butyl-4,6-dinitro-1,2,3-t...	266	C13H18N2O4	000145-39-1	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

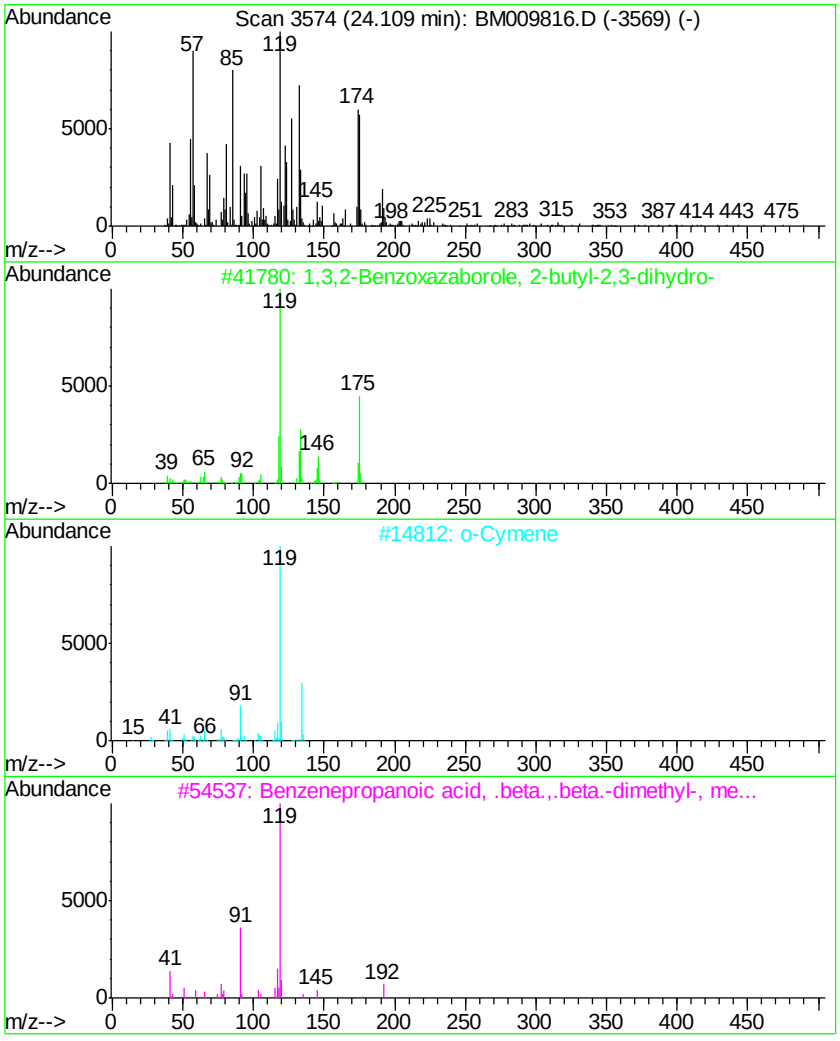
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

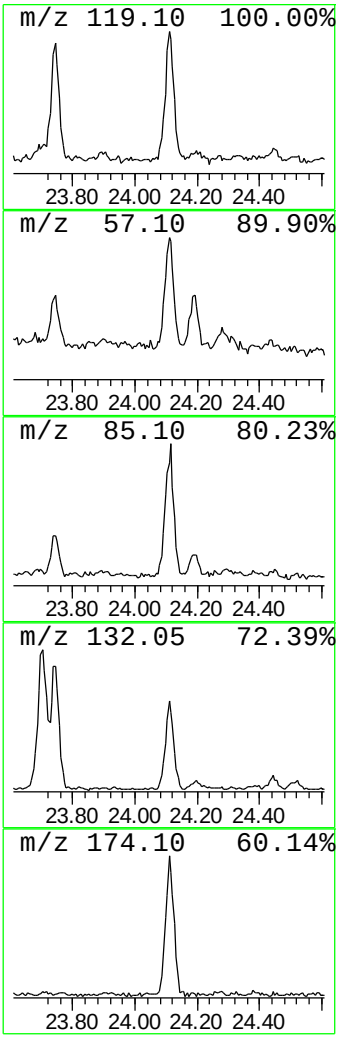
****

Peak Number 19 unknown06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.11	13.02 ng/ul	1777520	Perylene-d12	23.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,2-Benzoxazaborole, 2-butyl-2...	175	C10H14BNO	031748-13-7	30
2	o-Cymene	134	C10H14	000527-84-4	15
3	Benzenepropanoic acid, .beta.,.b...	192	C12H16O2	025080-84-6	11
4	p-Toluic acid, undec-2-enyl ester	288	C19H28O2	1000292-50-8	11
5	Valeric acid, undec-2-enyl ester	254	C16H30O2	1000292-49-1	11





Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

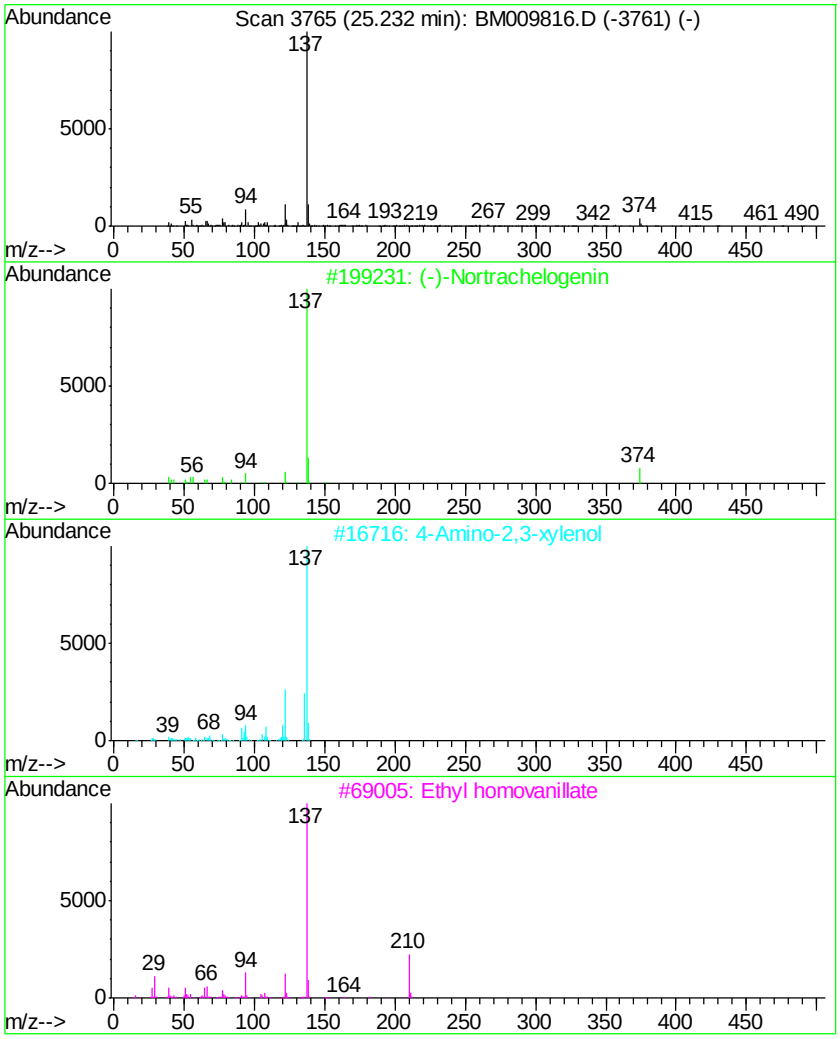
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

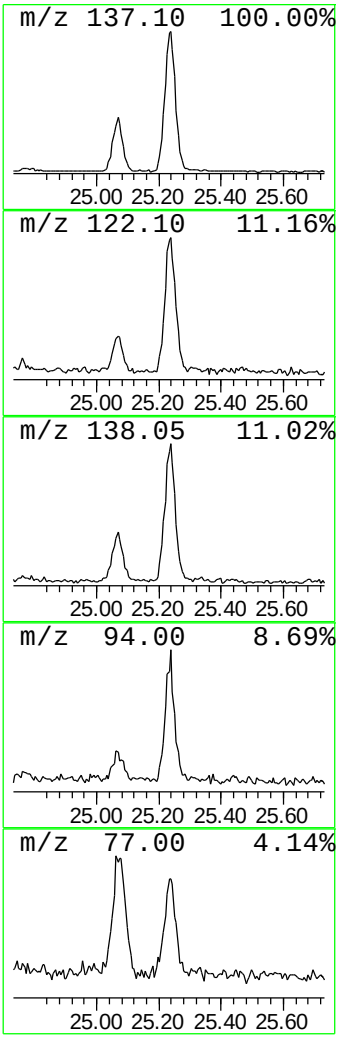
****

Peak Number 20 (-)-Nortrachelogenin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.23	9.59 ng/ul	1309610	Perylene-d12	23.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Nortrachelogenin	374	C20H22O7	034444-37-6	90
2	4-Amino-2,3-xylenol	137	C8H11NO	003096-69-3	80
3	Ethyl homovanillate	210	C11H14O4	060563-13-5	72
4	Homovanillyl alcohol	168	C9H12O3	002380-78-1	72
5	Ethyl homovanillate	210	C11H14O4	060563-13-5	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM043017\
Data File : BM009816.D
Acq On : 30 Apr 2017 17:45
Operator : SJ/MA
Sample : I2849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.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
Propanoic acid, 2...	12.79	6.5	ng/ul	791981	3	14.46	2444740	20.0
Propanoic acid, 2...	13.04	9.7	ng/ul	1180070	3	14.46	2444740	20.0
unknown-01	14.33	2.2	ng/ul	274418	3	14.46	2444740	20.0
7-Methoxymethyl-2...	14.98	11.8	ng/ul	1436730	3	14.46	2444740	20.0
Benzamide, 4-methyl-	15.66	2.1	ng/ul	259343	3	14.46	2444740	20.0
unknown-02	17.79	3.2	ng/ul	494864	4	17.21	3115820	20.0
n-Hexadecanoic acid	18.09	3.8	ng/ul	598017	4	17.21	3115820	20.0
Cyclohexanecarbox...	18.22	10.6	ng/ul	1648260	4	17.21	3115820	20.0
unknown-03	18.37	3.0	ng/ul	460504	4	17.21	3115820	20.0
unknown-04	18.48	2.6	ng/ul	401315	4	17.21	3115820	20.0
4b,8-Dimethyl-2-i...	18.82	5.3	ng/ul	825236	4	17.21	3115820	20.0
10,18-Bisnorabiet...	19.32	2.8	ng/ul	532726	5	21.39	3863220	20.0
Octadecanoic acid	19.36	2.1	ng/ul	399490	5	21.39	3863220	20.0
Retene	20.04	8.0	ng/ul	1538450	5	21.39	3863220	20.0
1-(10-Methylanthr...	20.99	2.3	ng/ul	439625	5	21.39	3863220	20.0
Dehydroabietic acid	21.07	7.3	ng/ul	1406030	5	21.39	3863220	20.0
unknown-05	21.75	5.8	ng/ul	1121540	5	21.39	3863220	20.0
2,3-Dihydro-7-met...	22.67	5.0	ng/ul	683045	6	23.70	2729850	20.0
unknown06	24.11	13.0	ng/ul	1777520	6	23.70	2729850	20.0
(-)-Nortrachelogenin	25.23	9.6	ng/ul	1309610	6	23.70	2729850	20.0