LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

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\SOM02.2-EPA-BM042516.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	4.369	281	286	293	rVB	35355	46799	2.35%	0.201%
2	5.851	534	538	548	rVB	73699	110146	5.54%	0.472%
3	6.822	692	703	710	rBB2	24939	54617	2.75%	0.234%
4	6.957	719	726	732	rBV	37240	61568	3.10%	0.264%
5	7.122	748	754	760	rBV	111524	169580	8.53%	0.727%
6	7.322	782	788	796	rBB	127589	196360	9.88%	0.842%
7	7.404	796	802	806	rBV	46865	66642	3.35%	0.286%
8	7.787	861	867	874	rBV	164080	262541	13.21%	1.126%
9	8.157	924	930	937	rBB	84387	129157	6.50%	0.554%
10	8.322	952	958	964	rBV	236390	381079	19.17%	1.635%
11	8.492	964	987	998	rVB2	261751	1192782	60.00%	5.116%
12	8.945	1058	1064	1074	rVB2	152628	293911	14.78%	1.261%
13	9.098	1084	1090	1093	rBV2	31160	51053	2.57%	0.219%
14	9.139	1093	1097	1104	rVB	70001	106406	5.35%	0.456%
15	9.263	1108	1118	1124	rBV2	83567	183029	9.21%	0.785%
16	9.322	1124	1128	1135	rVB	30145	45550	2.29%	0.195%
17	9.663	1180	1186	1193	rBB	124313	200596	10.09%	0.860%
18	9.828	1208	1214	1223	rBV2	17665	33127	1.67%	0.142%
19	9.928	1223	1231	1235	rVV2	42000	84003	4.23%	0.360%
20	9.986	1235	1241	1251	rVV5	145359	279347	14.05%	1.198%
21	10.075	1251	1256	1267	rVB3	9471	25779	1.30%	0.111%
22	10.204	1272	1278	1285	rBV	207395	349499	17.58%	1.499%
23	10.581	1335	1342	1345	rBV	257380	436839	21.97%	1.874%
24	10.628	1345	1350	1362	rVV	727389	1283951	64.58%	5.507%
25	10.745	1362	1370	1379	rVB	322662	566395	28.49%	2.429%
26	11.163	1432	1441	1449	rBV	26509	50000	2.51%	0.214%
27	11.251	1449	1456	1466	rVB4	16122	32060	1.61%	0.138%
28	11.398	1469	1481	1485	rBV	81298	159479	8.02%	0.684%
29	11.475	1485	1494	1524	rVV	923675	1988108	100.00%	8.527%
30	11.692	1525	1531	1540	rVB	27769	58892	2.96%	0.253%
31	11.933	1565	1572	1581	rVB	41426	75398	3.79%	0.323%
32	12.133	1601	1606	1616	rVB	40887	69994	3.52%	0.300%
33	12.239	1619	1624	1632	rVB	45194	65932	3.32%	0.283%
34	12.463	1649	1662	1677	rVB	282903	504781	25.39%	2.165%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

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\SOM02.2-EPA-BM042516.M
Title : SVOA CALIBRATION

35	12.810	1717	1721	1729	rBV	19724	28798	1.45%	0.124%
36	13.257	1790	1797	1804	rBV	203675	310796	15.63%	1.333%
37	13.474	1823	1834	1845	rBV	245200	492823	24.79%	2.114%
38	13.751	1875	1881	1886	rBV	16424	24139	1.21%	0.104%
39	13.839	1886	1896	1902	rBV	409599	716768	36.05%	3.074%
40	14.027	1924	1928	1933	rVB2	26454	37587	1.89%	0.161%
41	14.121	1938	1944	1955	rVB	422402	678397	34.12%	2.910%
42	14.298	1963	1974	1987	rVV2	103707	180014	9.05%	0.772%
43	14.427	1989	1996	2002	rVV2	416197	679604	34.18%	2.915%
44	14.492	2002	2007	2015	rVB	381814	606631	30.51%	2.602%
45	14.639	2027	2032	2039	rBV3	43194	77287	3.89%	0.331%
46	14.827	2058	2064	2068	rBV	414925	640637	32.22%	2.748%
47	14.910	2074	2078	2088	rVB2	77438	155880	7.84%	0.669%
48	15.033	2096	2099	2107	rVB4	10845	21141	1.06%	0.091%
49	15.257	2132	2137	2146	rVB4	45375	104712	5.27%	0.449%
50	15.421	2156	2165	2171	rVV	530819	852140	42.86%	3.655%
51	15.474	2171	2174	2181	rVV4	28390	53060	2.67%	0.228%
52	15.545	2181	2186	2192	rVB	181112	242631	12.20%	1.041%
53	15.674	2203	2208	2214	rVB6	10088	23073	1.16%	0.099%
54	15.768	2220	2224	2231	rVB4	22536	38996	1.96%	0.167%
55	15.880	2238	2243	2246	rBV4	15922	25438	1.28%	0.109%
56	15.915	2246	2249	2256	rVB3	21475	37664	1.89%	0.162%
57	16.010	2260	2265	2272	rBV5	12528	23472	1.18%	0.101%
58	16.157	2281	2290	2302	rVB3	69874	157297	7.91%	0.675%
59	16.345	2317	2322	2327	rBV	65595	91000	4.58%	0.390%
60	16.392	2327	2330	2334	rVV2	22677	31869	1.60%	0.137%
61	16.451	2337	2340	2348	rVB3	15900	31099	1.56%	0.133%
62	16.580	2357	2362	2370	rBV3	21102	33420	1.68%	0.143%
63	16.710	2377	2384	2389	rBV	45735	70488	3.55%	0.302%
64	16.927	2416	2421	2426	rBV3	20074	30167	1.52%	0.129%
65	17.021	2426	2437	2441	rVV2	50316	117331	5.90%	0.503%
66	17.074	2441	2446	2453	rVV	87407	152350	7.66%	0.653%
67	17.139	2453	2457	2458	rVV2	13966	20125	1.01%	0.086%
68	17.180	2458	2464	2467	rVV	523662	806892	40.59%	3.461%
69	17.215	2467	2470	2475	rVV	278304	412776	20.76%	1.770%
70	17.274	2475	2480	2490	rVV2	623394	949453	47.76%	4.072%
71	17.380	2494	2498	2501	rVV	15315	22710	1.14%	0.097%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

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\SOM02.2-EPA-BM042516.M
Title : SVOA CALIBRATION

72	17.509	2516	2520	2524	rVV2	16321	24288	1.22%	0.104%
73	17.580	2524	2532	2543	rVV	193483	292235	14.70%	1.253%
74	18.068	2608	2615	2618	rBV3	99510	173875	8.75%	0.746%
75	18.139	2624	2627	2631	rVB	32148	36923	1.86%	0.158%
76	18.245	2640	2645	2649	rBV3	11726	20275	1.02%	0.087%
77	18.962	2763	2767	2779	rVB5	20120	42476	2.14%	0.182%
78	19.203	2804	2808	2810	rBV2	17223	24044	1.21%	0.103%
79	19.233	2810	2813	2819	rVB	33815	52128	2.62%	0.224%
80	19.351	2826	2833	2839	rBV	72609	120209	6.05%	0.516%
81	19.574	2865	2871	2881	rBV	689768	1014370	51.02%	4.351%
82	20.109	2958	2962	2967	rVB	21731	27885	1.40%	0.120%
83	20.303	2990	2995	3008	rBV	97992	222771	11.21%	0.955%
84	20.509	3026	3030	3034	rVB	83414	93334	4.69%	0.400%
85	20.603	3043	3046	3050	rVB2	34153	37331	1.88%	0.160%
86	21.068	3121	3125	3136	rVB2	97120	131041	6.59%	0.562%
87	21.274	3156	3160	3164	rBV	18257	22512	1.13%	0.097%
88	21.362	3170	3175	3188	rVB	610966	850358	42.77%	3.647%
89	21.503	3196	3199	3204	rVV	24583	26454	1.33%	0.113%
90	21.950	3271	3275	3280	rBV2	25652	38031	1.91%	0.163%
91	23.497	3531	3538	3552	rVB2	374753	760762	38.27%	3.263%
92	23.644	3556	3563	3573	rVB2	338118	673548	33.88%	2.889%
93	24.162	3646	3651	3658	rVB	19585	35778	1.80%	0.153%

Sum of corrected areas: 23314693

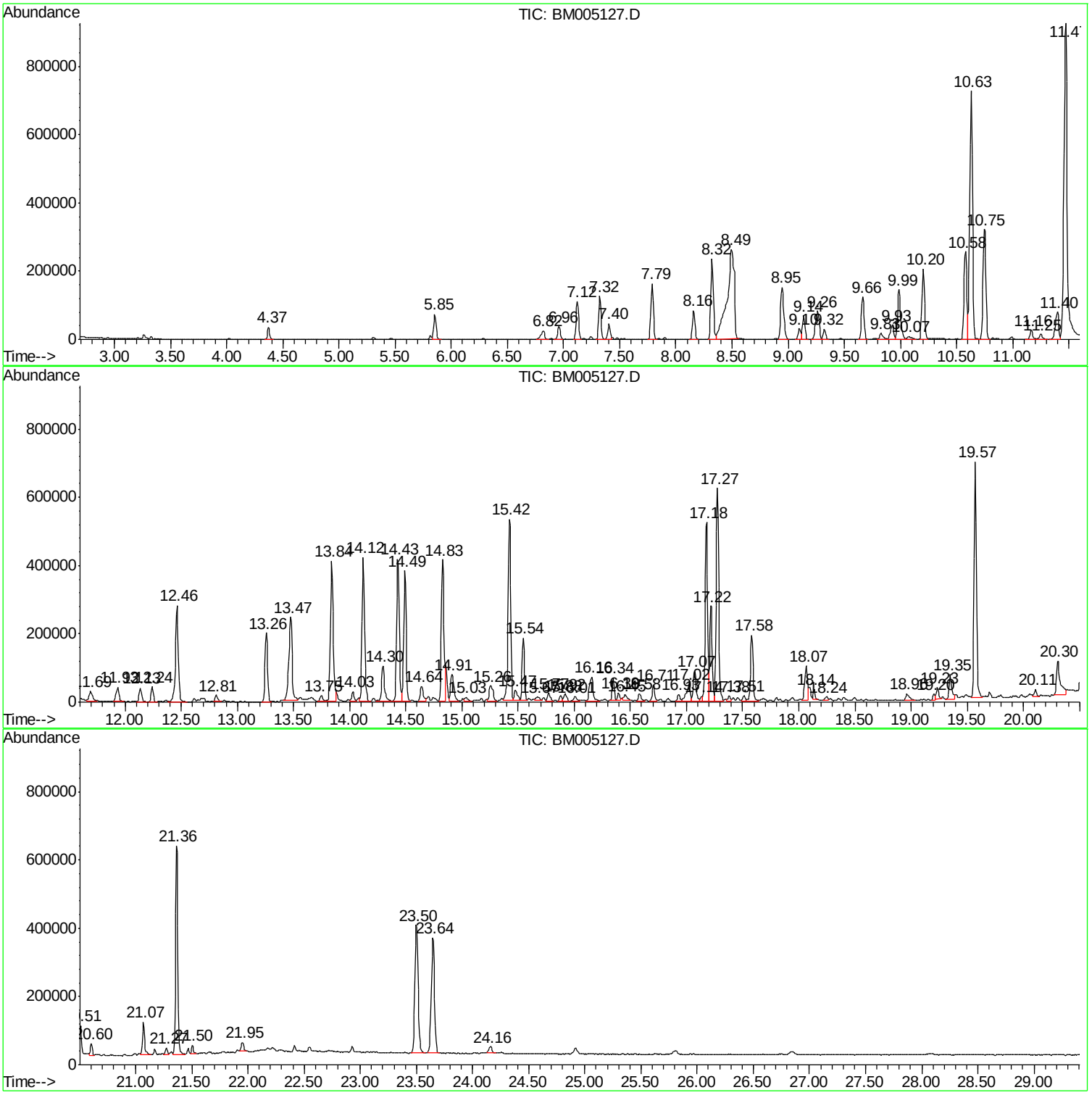
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

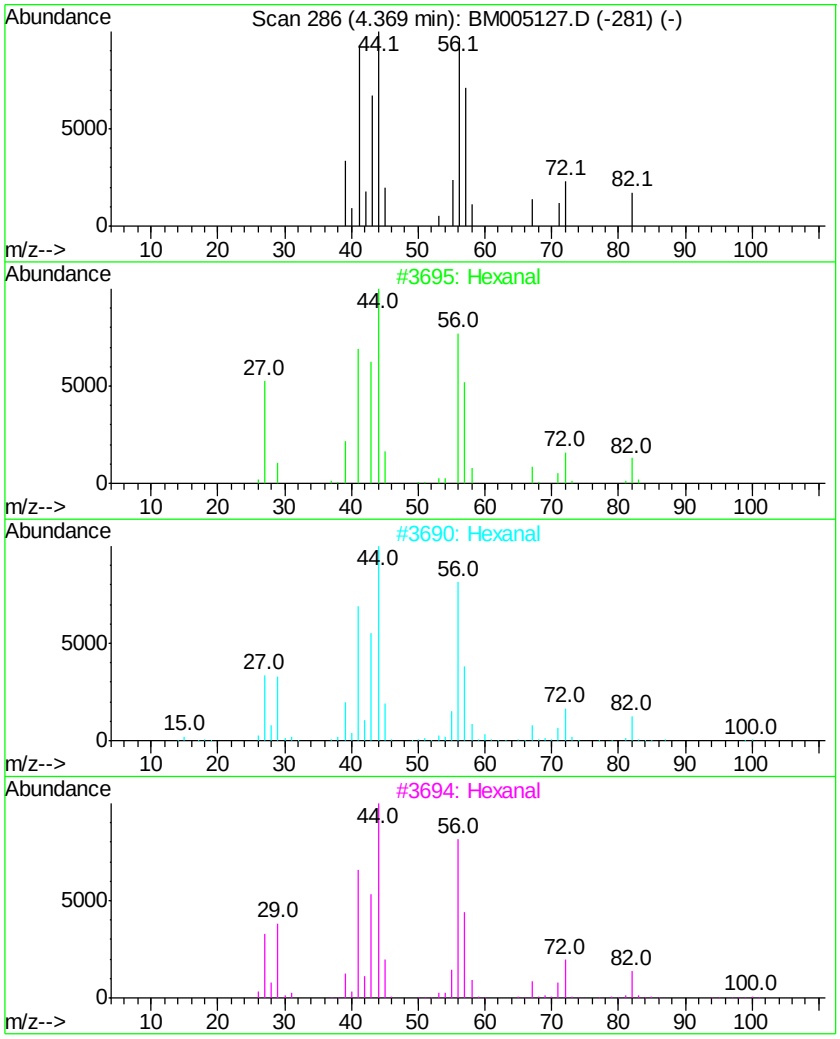
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

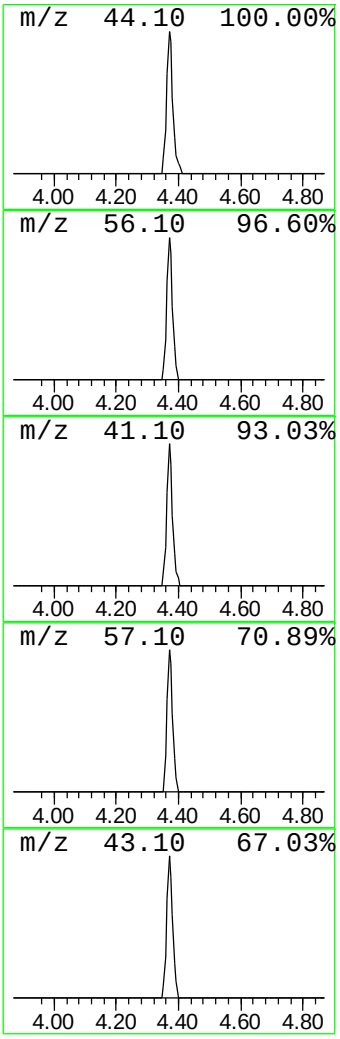
****

Peak Number 1 Hexanal Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	3.57 ng/ul	46799	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Hexanal	100	C6H12O	000066-25-1	90
3	Hexanal	100	C6H12O	000066-25-1	90
4	Hexanal	100	C6H12O	000066-25-1	64
5	1,5-Pentanediol	104	C5H12O2	000111-29-5	33





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

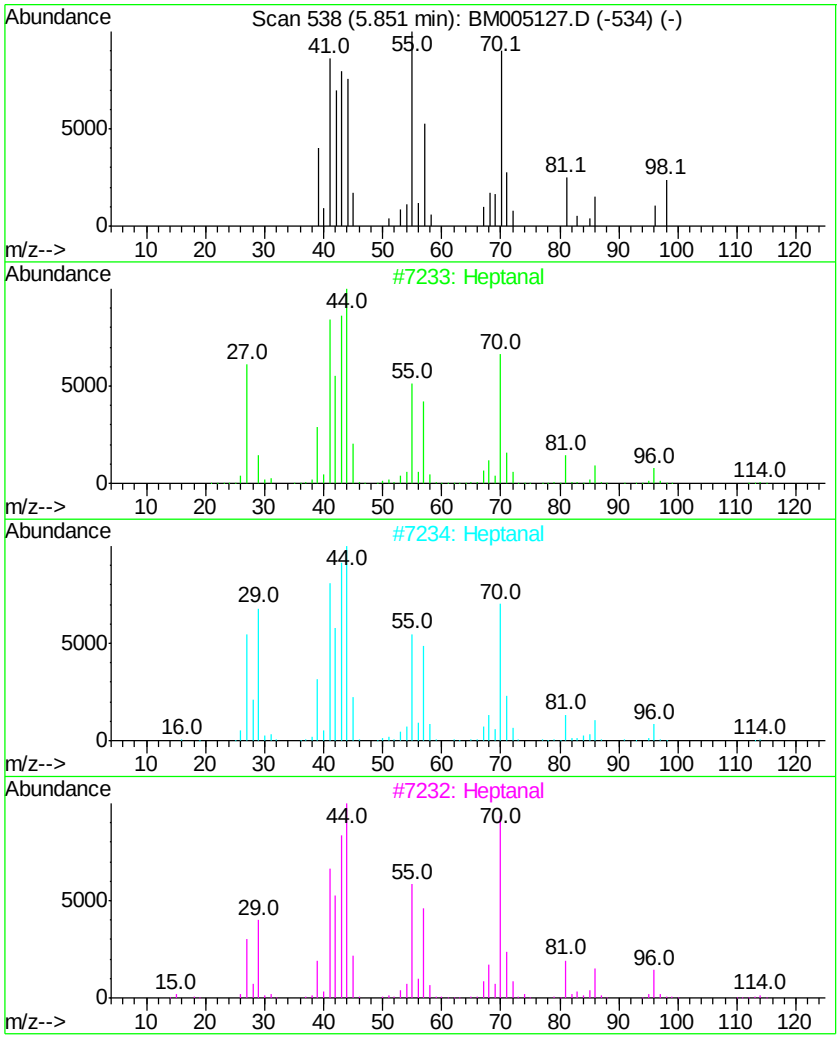
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

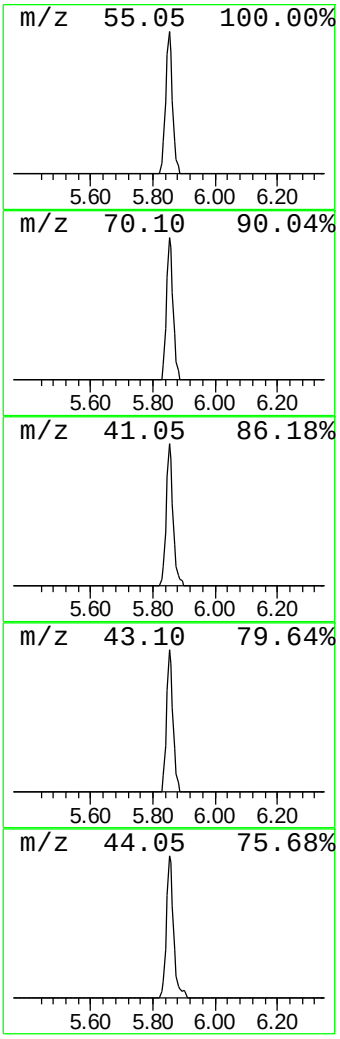
****

Peak Number 2 Heptanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.85	8.39 ng/ul	110146	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	64
2	Heptanal	114	C7H14O	000111-71-7	59
3	Heptanal	114	C7H14O	000111-71-7	52
4	2-Pentene, (E)-	70	C5H10	000646-04-8	43
5	Heptanal	114	C7H14O	000111-71-7	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

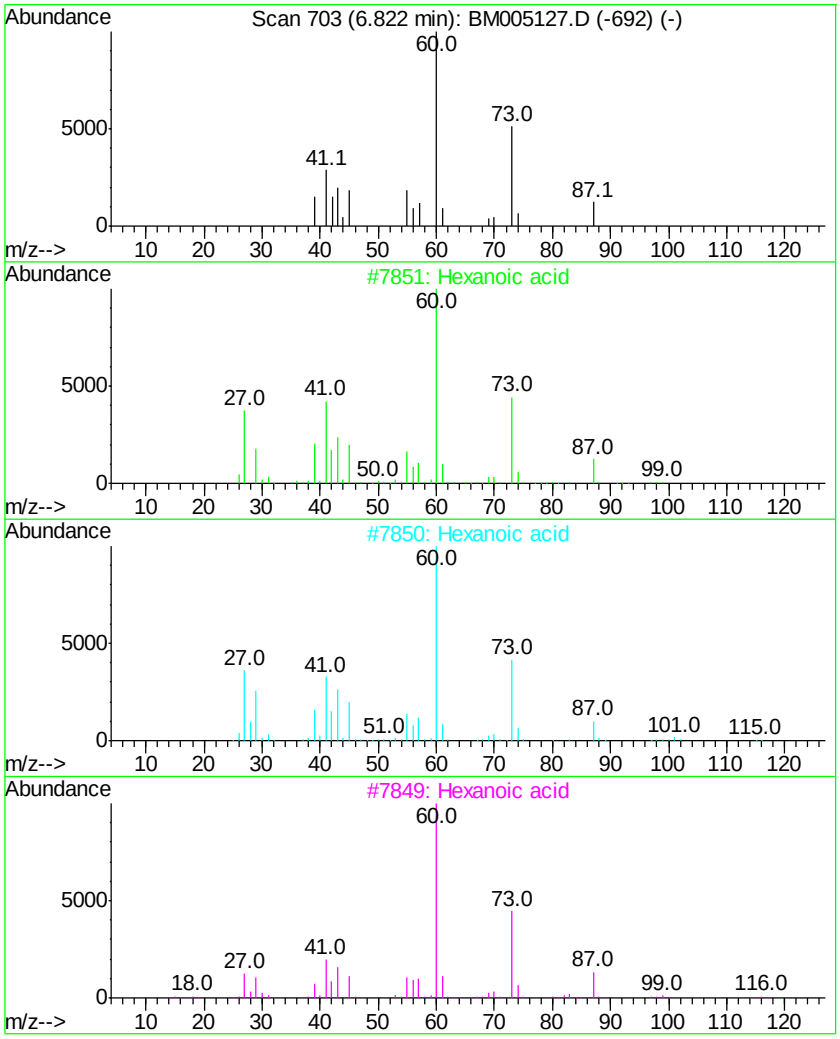
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

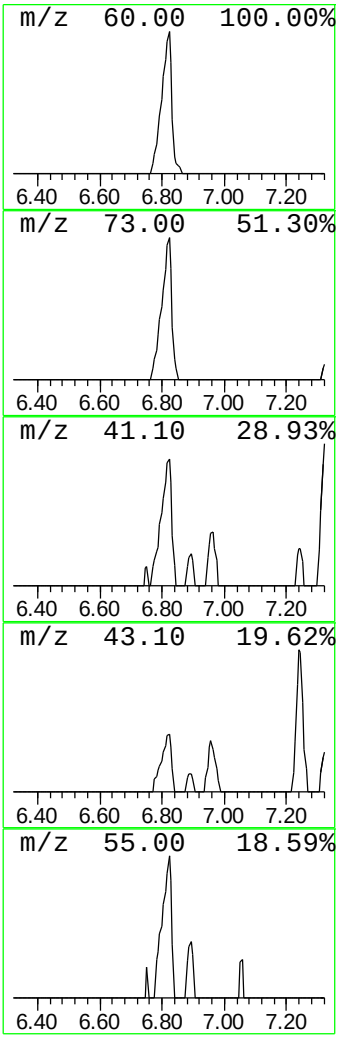
****

Peak Number 3 Hexanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	4.16 ng/ul	54617	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	90
2	Hexanoic acid	116	C6H12O2	000142-62-1	83
3	Hexanoic acid	116	C6H12O2	000142-62-1	83
4	Pentanoic acid	102	C5H10O2	000109-52-4	64
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

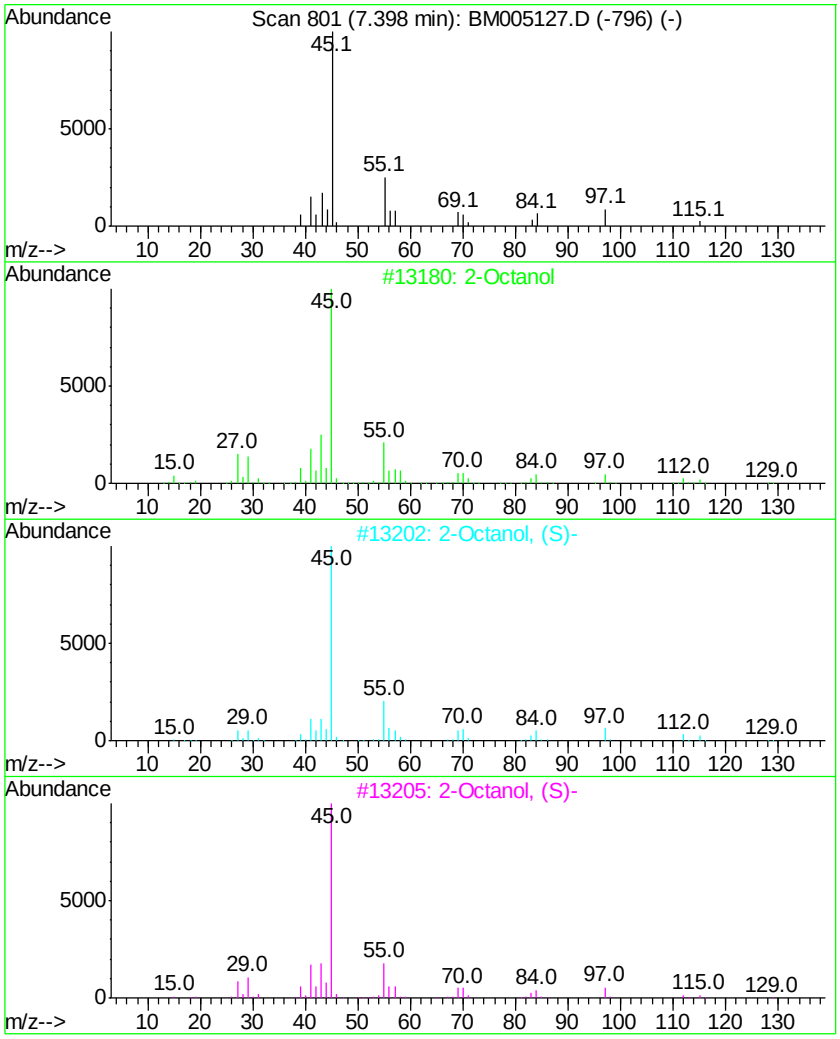
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

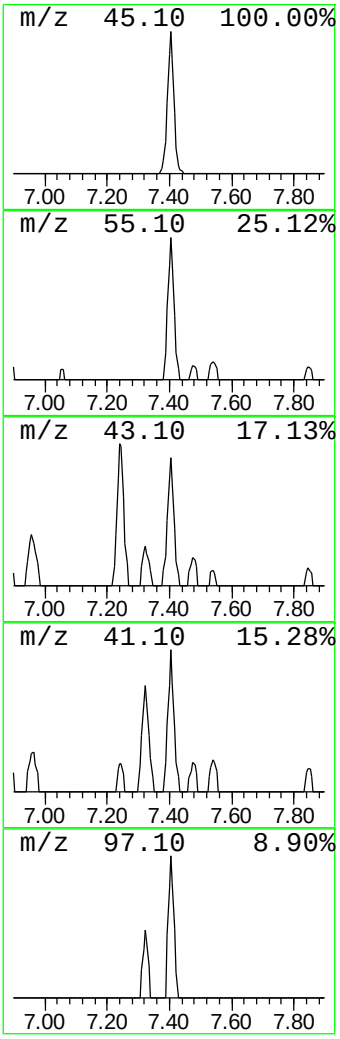
****

Peak Number 4 2-Octanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	5.08 ng/ul	66642	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octanol	130	C8H18O	000123-96-6	83
2	2-Octanol, (S)-	130	C8H18O	006169-06-8	83
3	2-Octanol, (S)-	130	C8H18O	006169-06-8	83
4	2-Octanol, (R)-	130	C8H18O	005978-70-1	83
5	2-Octanol, (S)-	130	C8H18O	006169-06-8	83





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

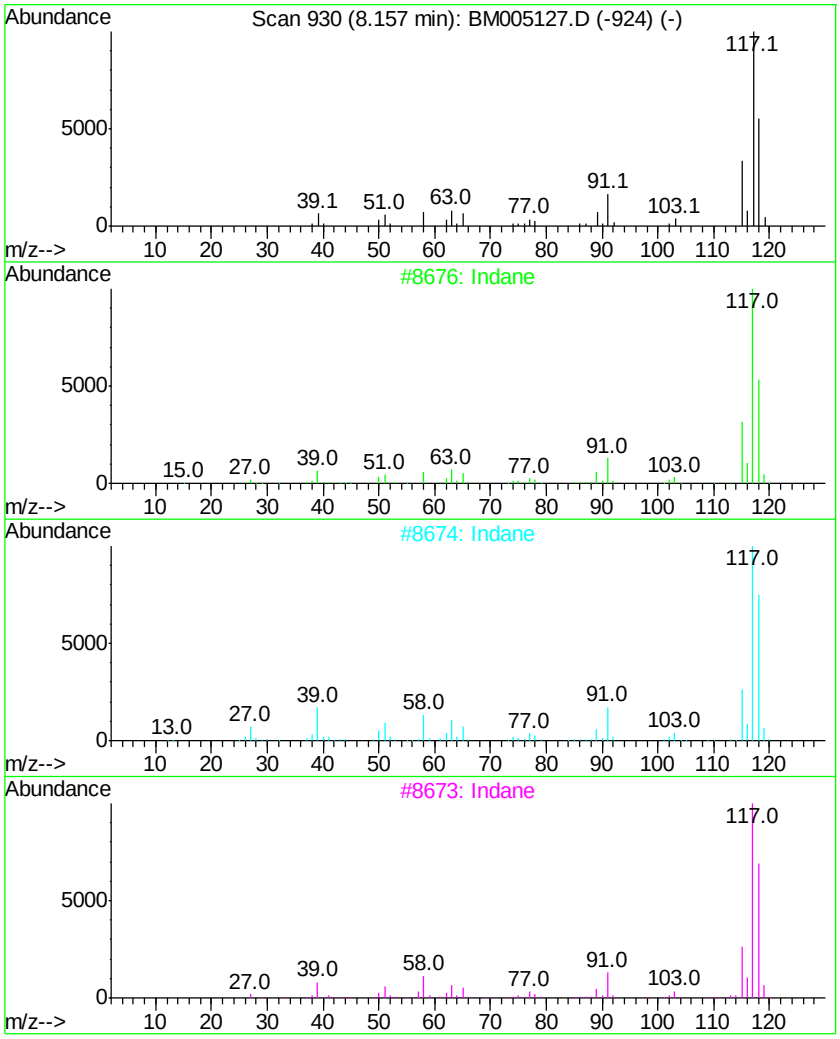
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

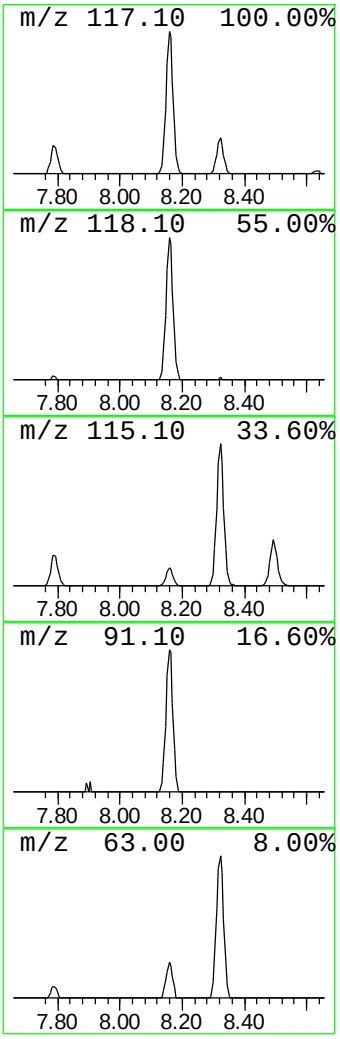
****

Peak Number 5 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	9.84 ng/ul	129157	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	87
4	Deltacyclene	118	C9H10	007785-10-6	83
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

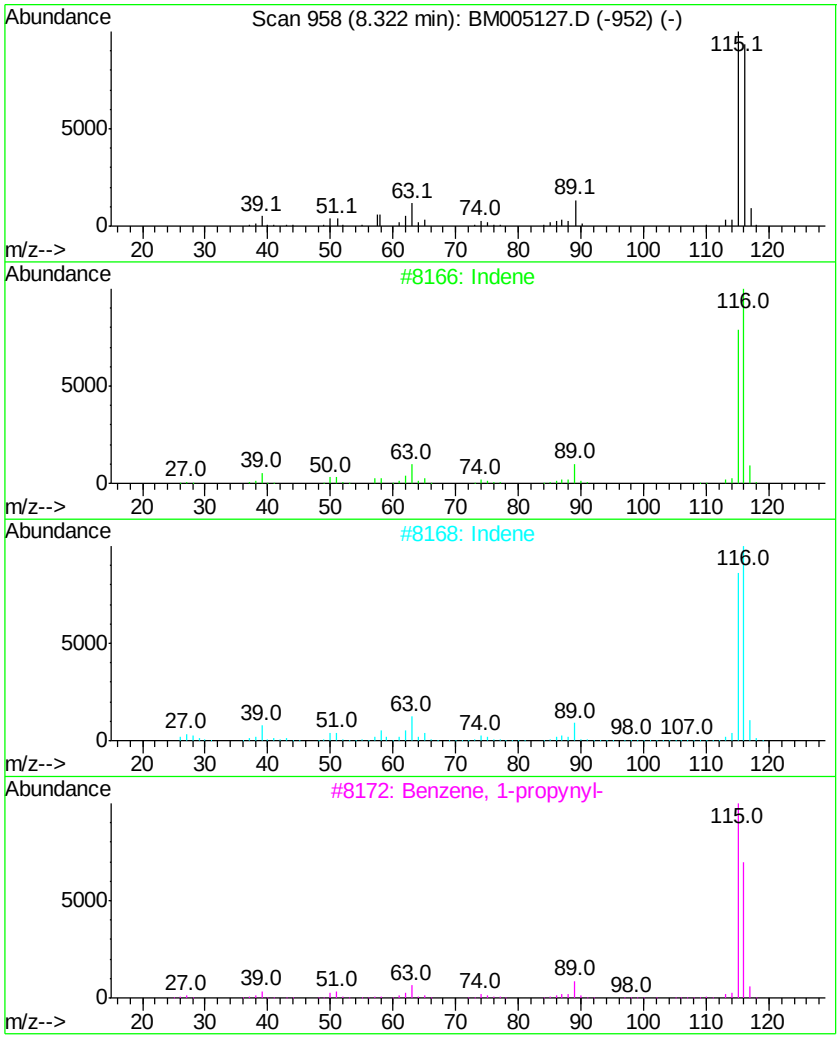
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

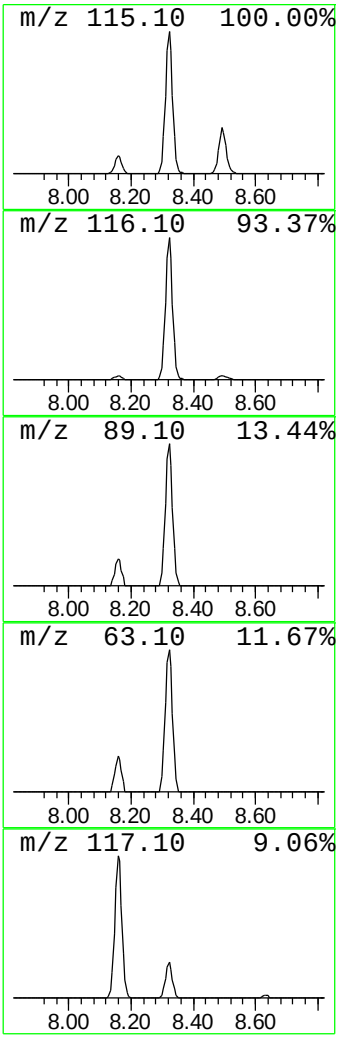
****

Peak Number 6 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	29.03 ng/ul	381079	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	Indene	116	C9H8	000095-13-6	93
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

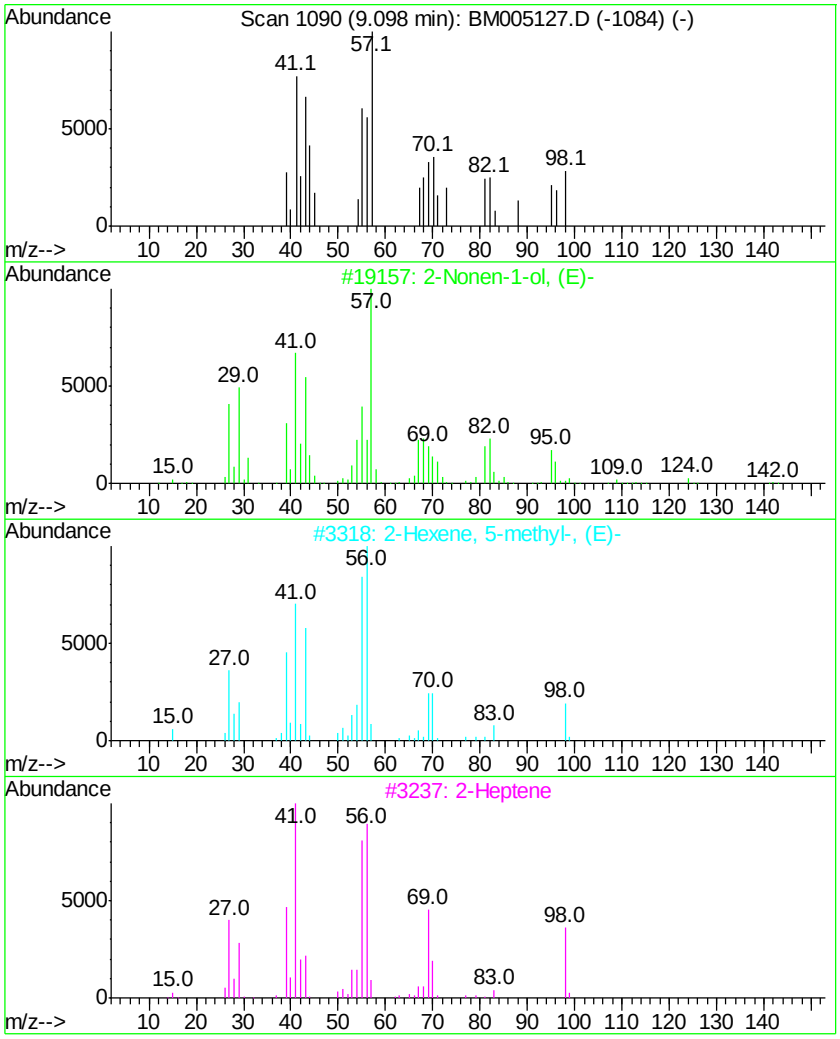
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

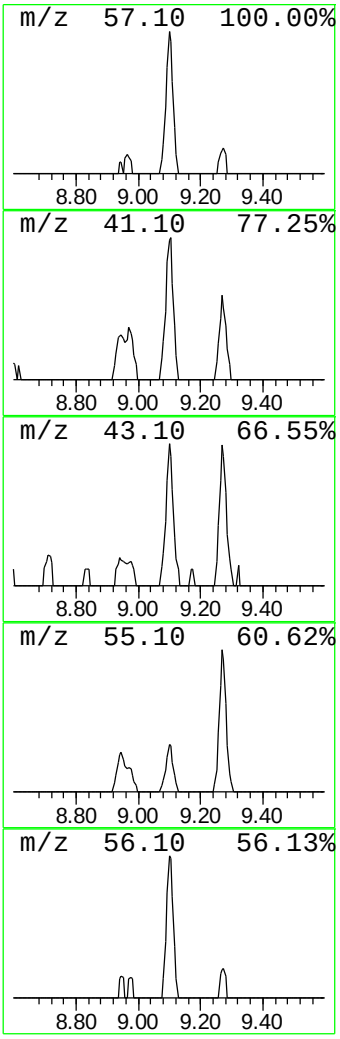
****

Peak Number 7 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	3.89 ng/ul	51053	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	25
2	2-Hexene, 5-methyl-, (E)-	98	C7H14	007385-82-2	22
3	2-Heptene	98	C7H14	000592-77-8	18
4	2-Heptene, (E)-	98	C7H14	014686-13-6	18
5	2-Nonen-1-ol	142	C9H18O	022104-79-6	16





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

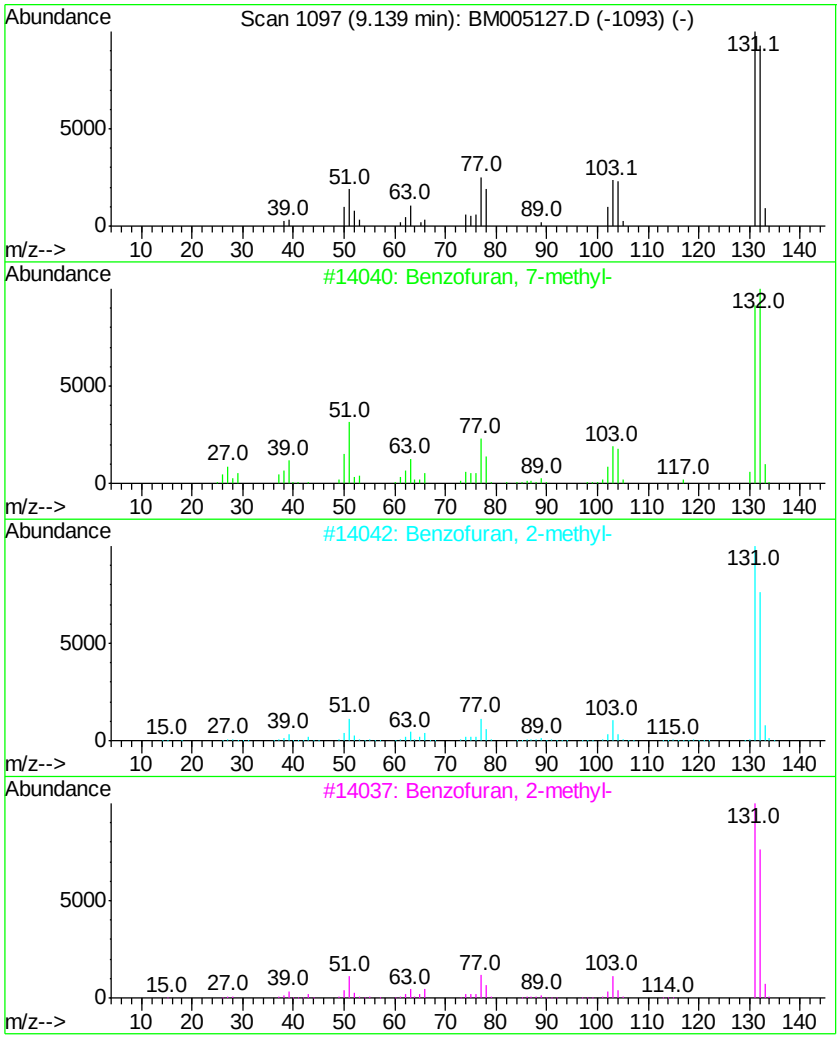
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

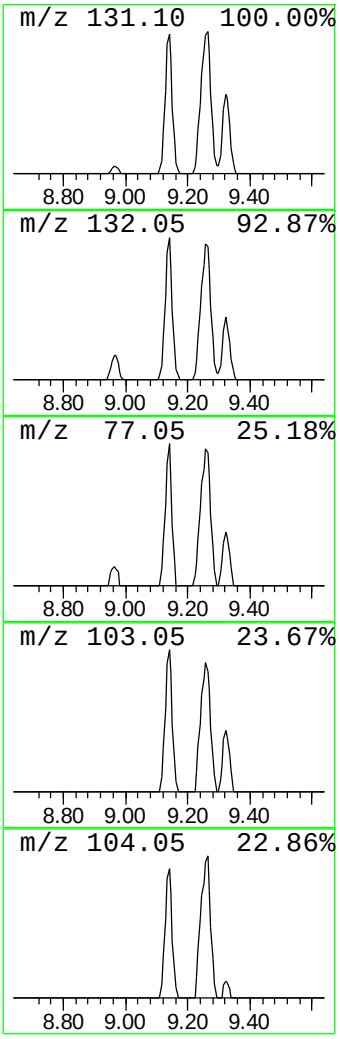
****

Peak Number 8 Benzofuran, 7-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	8.11 ng/ul	106406	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

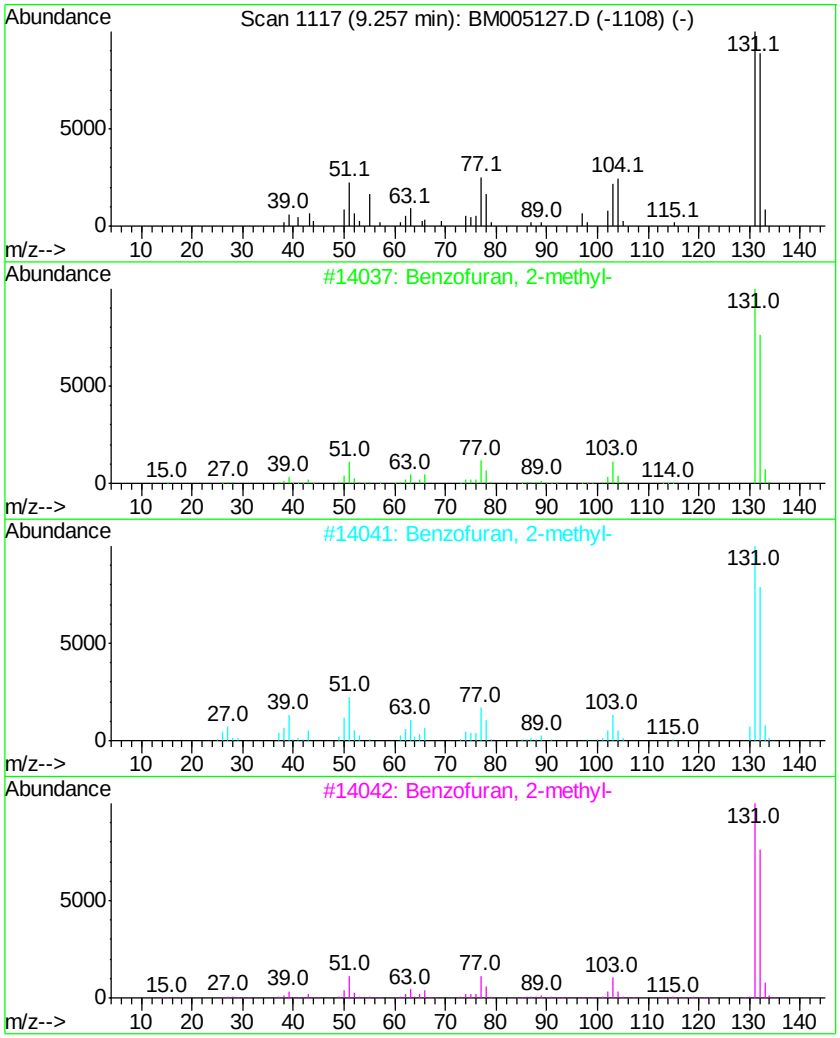
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

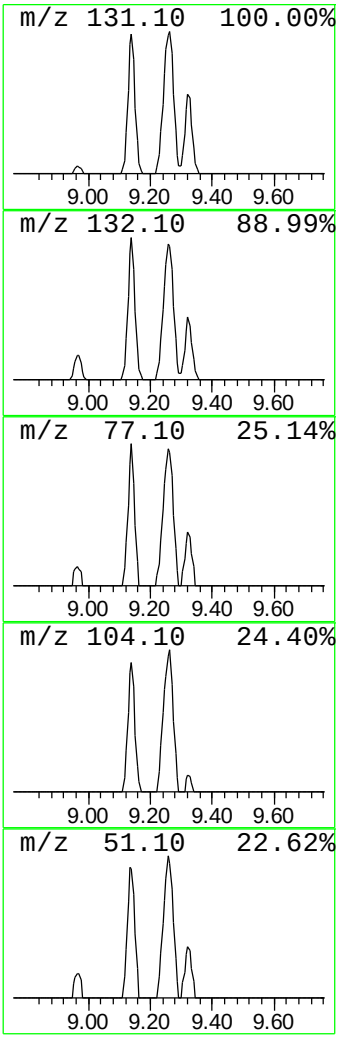
****

Peak Number 9 Benzofuran, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	8.38 ng/ul	183029	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

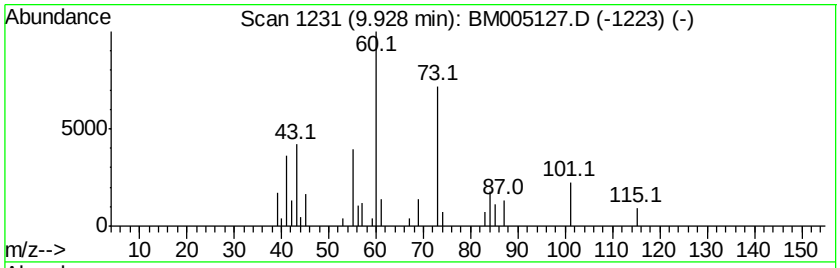
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

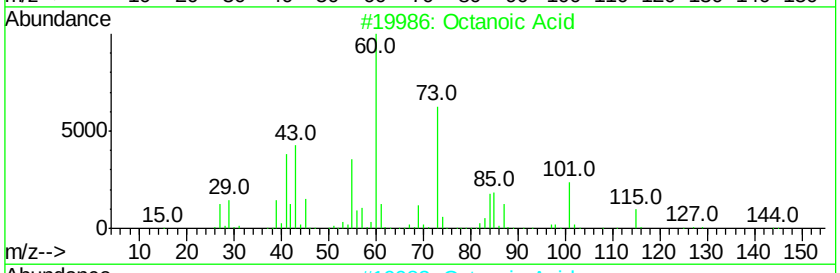
****

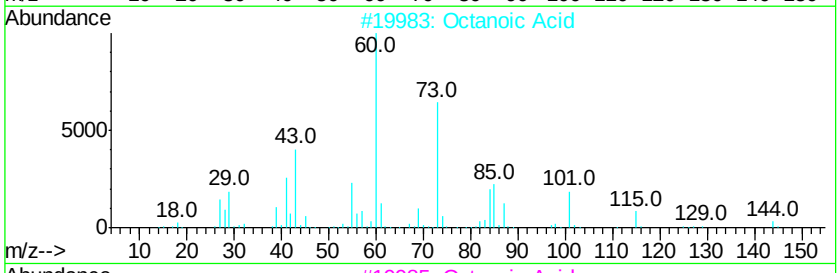
Peak Number 11 Octanoic Acid Concentration Rank 20

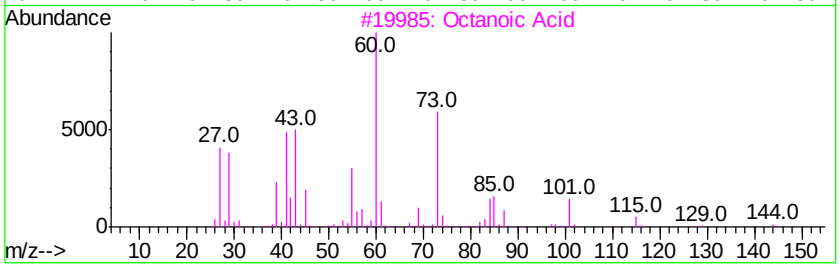
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	3.85 ng/ul	84003	Naphthalene-d8	10.58

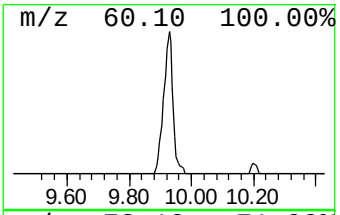
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic Acid	144	C8H16O2	000124-07-2	91
2	Octanoic Acid	144	C8H16O2	000124-07-2	78
3	Octanoic Acid	144	C8H16O2	000124-07-2	78
4	Hexanoic acid	116	C6H12O2	000142-62-1	53
5	Hexanoic acid	116	C6H12O2	000142-62-1	53

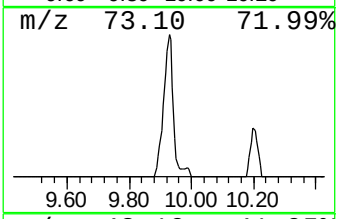


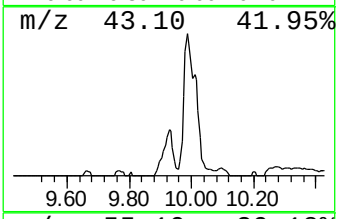


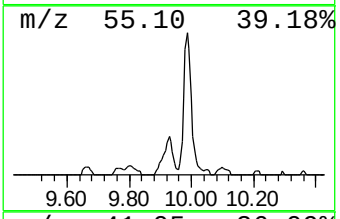


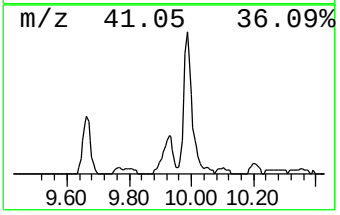












Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

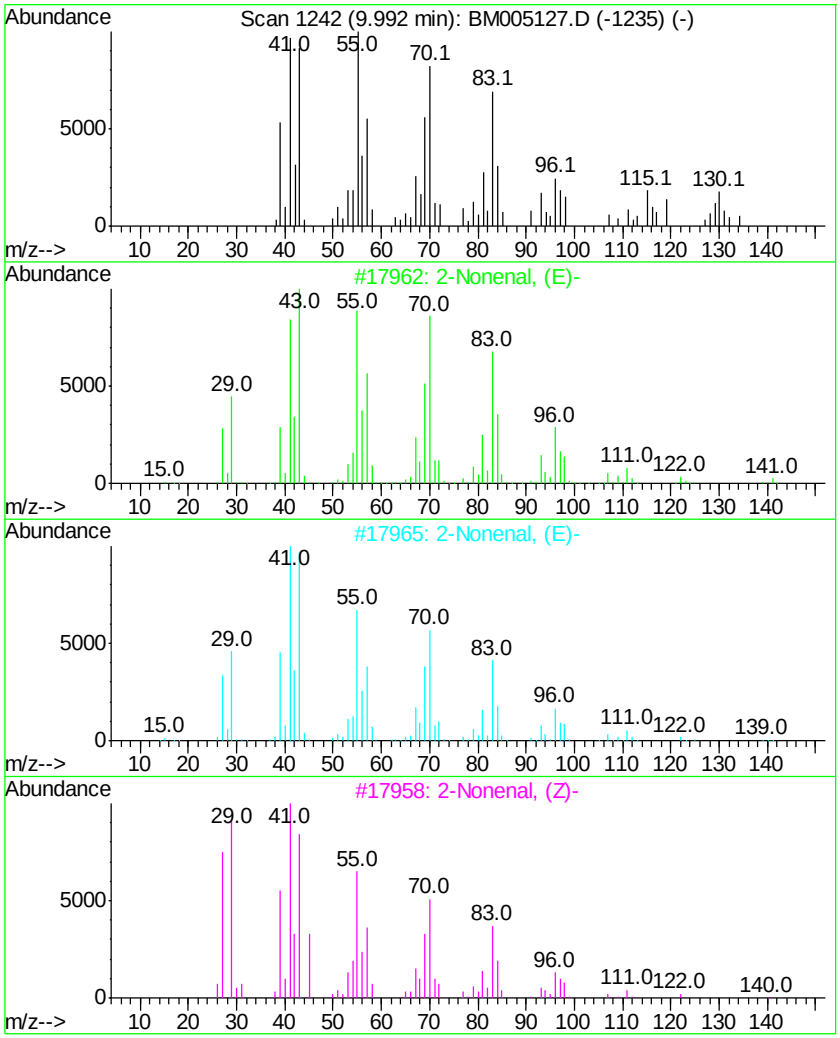
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

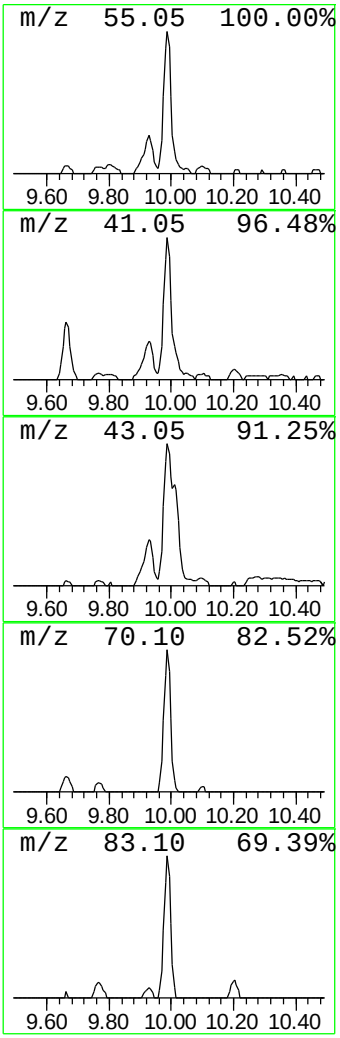
****

Peak Number 12 2-Nonenal, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	12.79 ng/ul	279347	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonenal, (E)-	140	C9H16O	018829-56-6	74
2	2-Nonenal, (E)-	140	C9H16O	018829-56-6	64
3	2-Nonenal, (Z)-	140	C9H16O	060784-31-8	64
4	2-Nonenal, (E)-	140	C9H16O	018829-56-6	59
5	2-Decenal, (E)-	154	C10H18O	003913-81-3	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

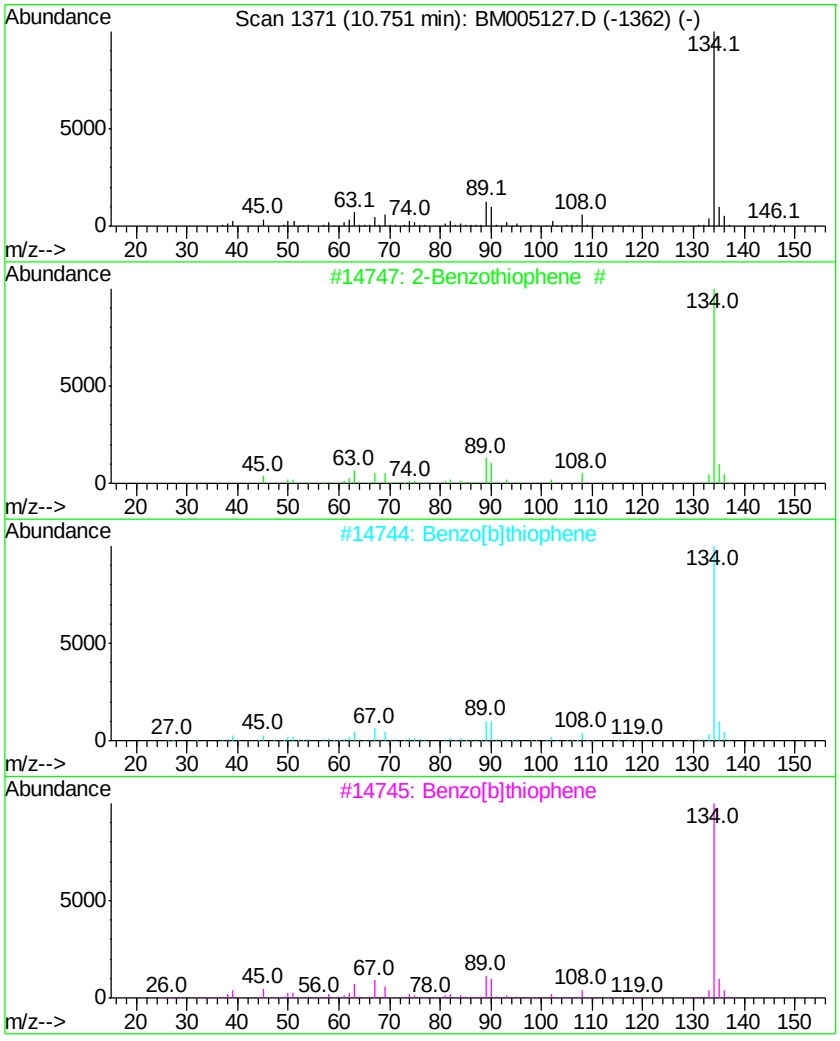
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

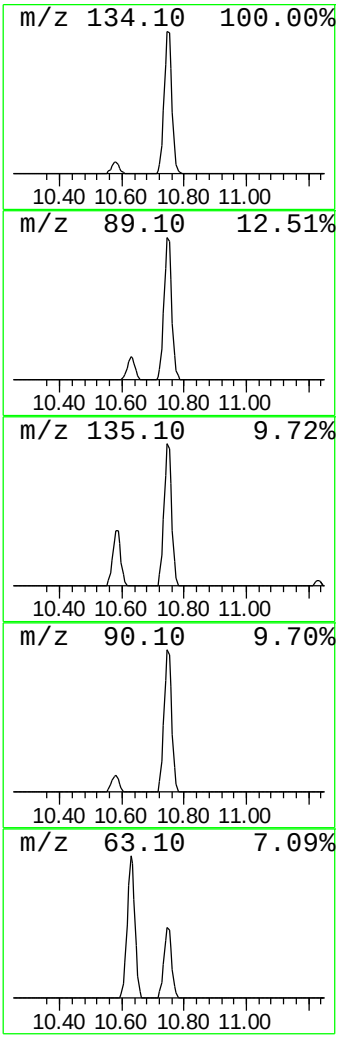
****

Peak Number 13 2-Benzothiophene # Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	25.93 ng/ul	566395	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzothiophene #	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

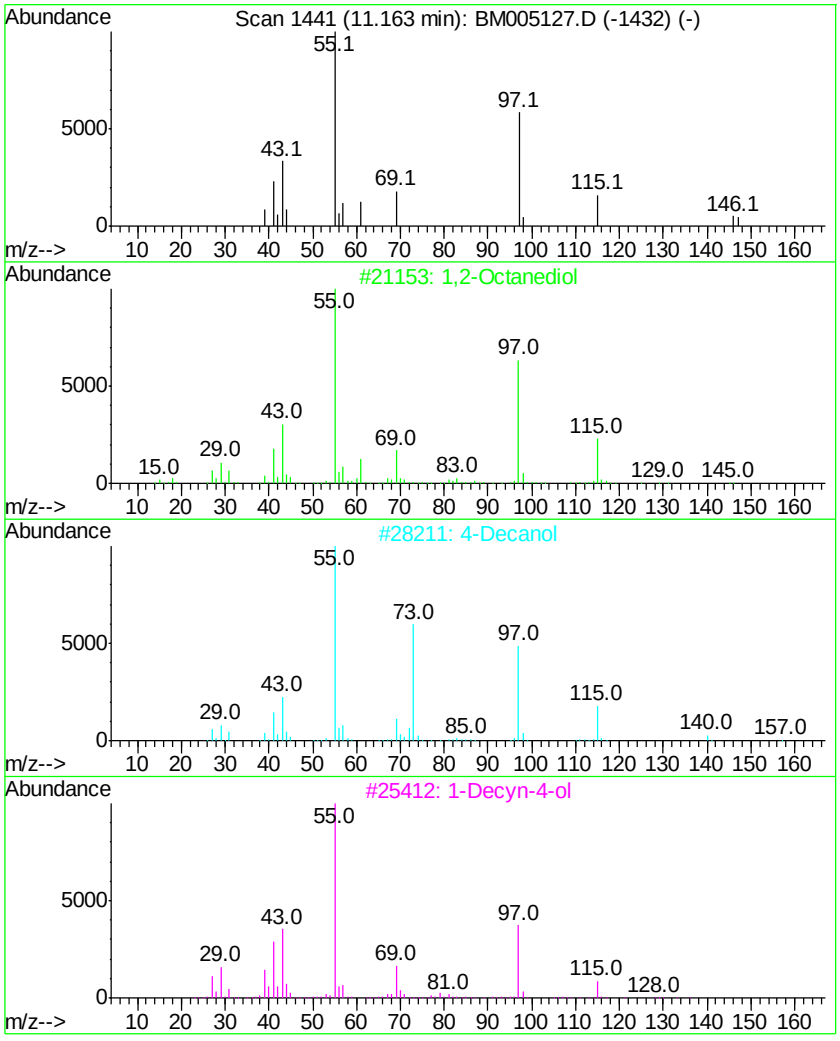
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

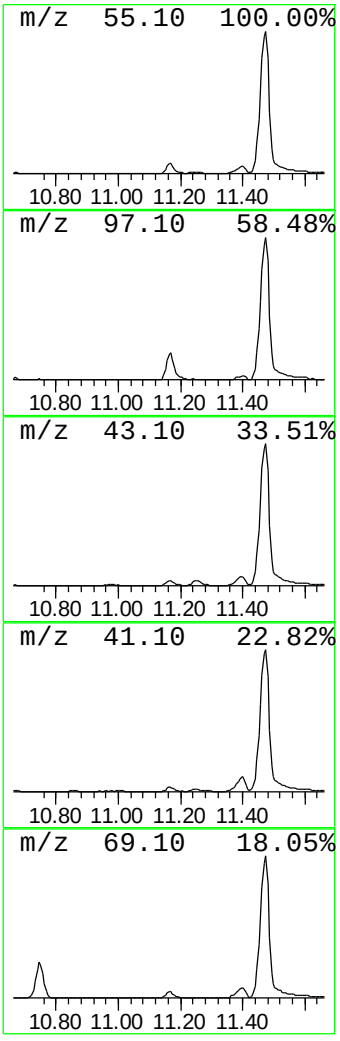
****

Peak Number 14 1,2-Octanediol Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	2.29 ng/ul	50000	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Octanediol	146	C8H18O2	001117-86-8	72
2	4-Decanol	158	C10H22O	002051-31-2	64
3	1-Decyn-4-ol	154	C10H18O	027907-00-2	64
4	1-Bromo-2-octanol	208	C8H17BrO	026818-06-4	64
5	6-Dodecanol	186	C12H26O	006836-38-0	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

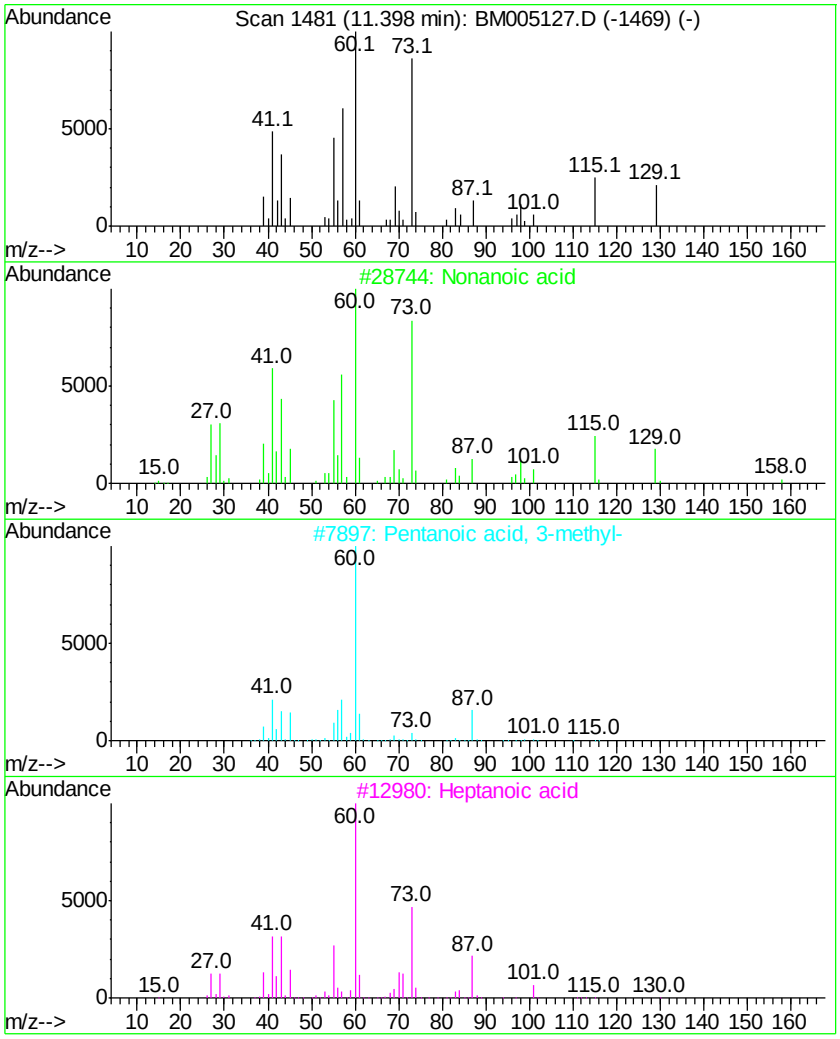
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

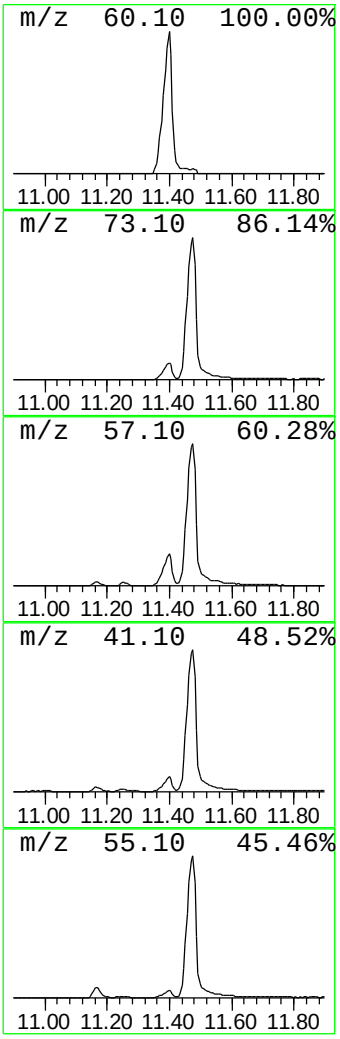
****

Peak Number 15 Nonanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	7.30 ng/ul	159479	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	86
2	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	43
3	Heptanoic acid	130	C7H14O2	000111-14-8	43
4	Octanoic Acid	144	C8H16O2	000124-07-2	42
5	Octanoic Acid	144	C8H16O2	000124-07-2	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

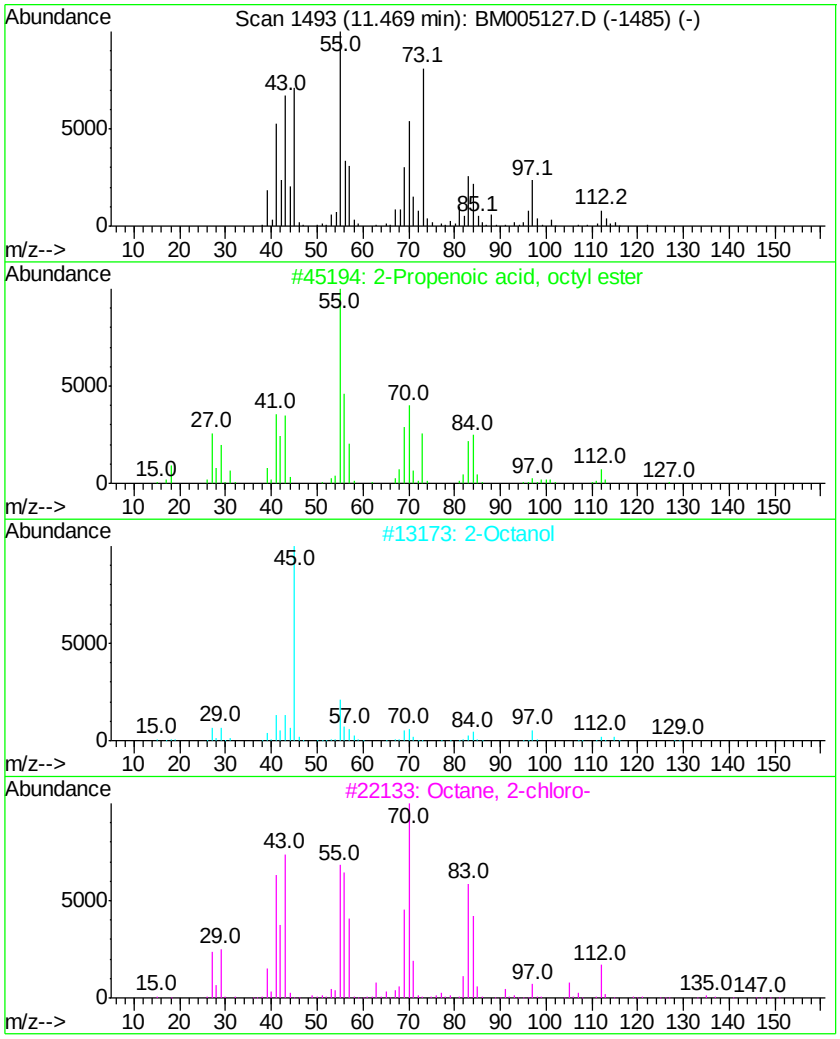
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

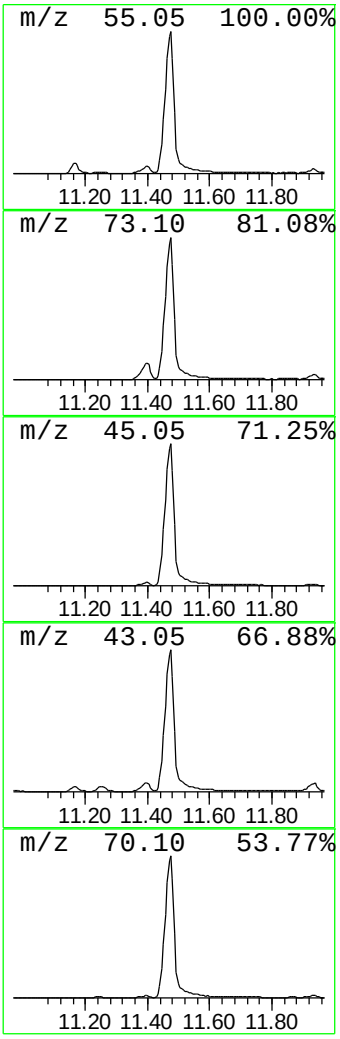
****

Peak Number 16 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	91.02 ng/ul	1988110	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, octyl ester	184	C11H20O2	002499-59-4	43
2	2-Octanol	130	C8H18O	000123-96-6	43
3	Octane, 2-chloro-	148	C8H17Cl	000628-61-5	38
4	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	38
5	4-Octene, (E)-	112	C8H16	014850-23-8	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

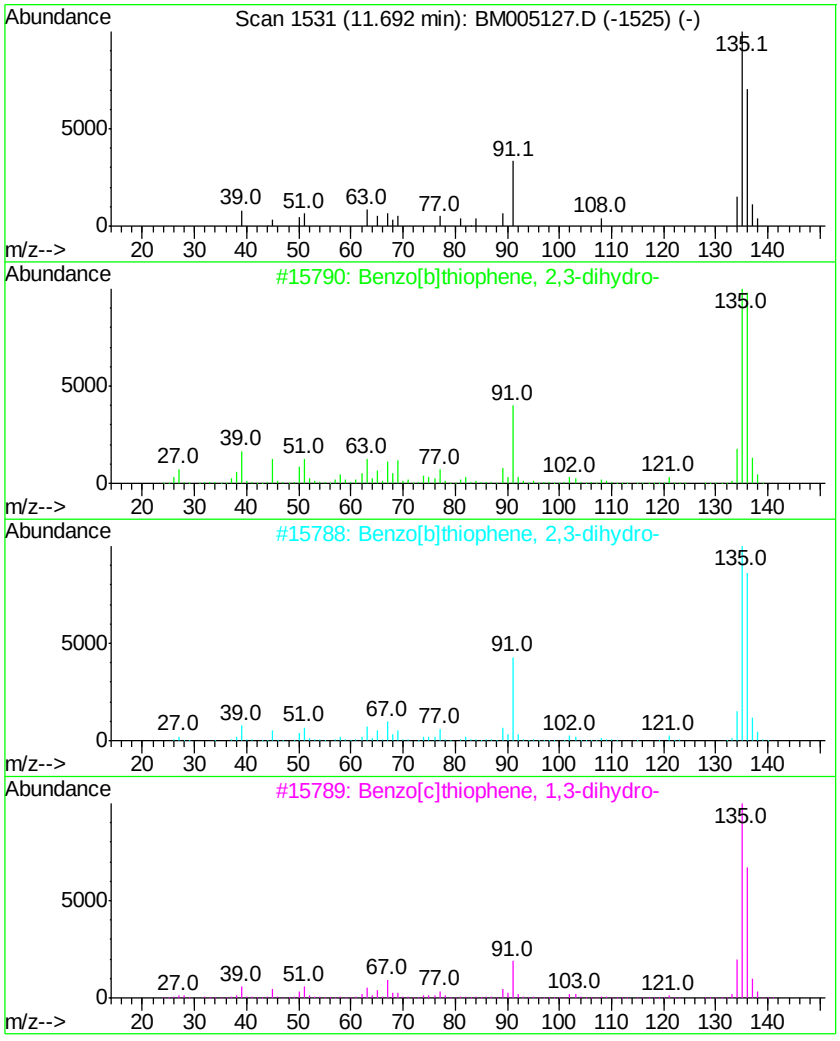
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

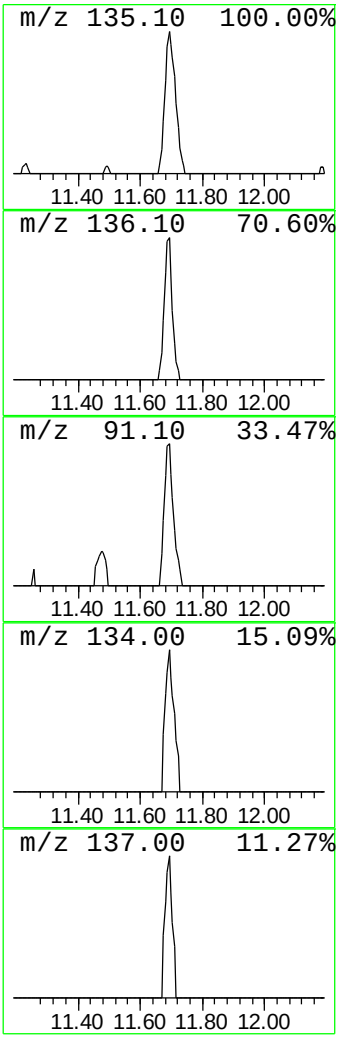
****

Peak Number 17 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	2.70 ng/ul	58892	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	87
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	87
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	80
4	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	72
5	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

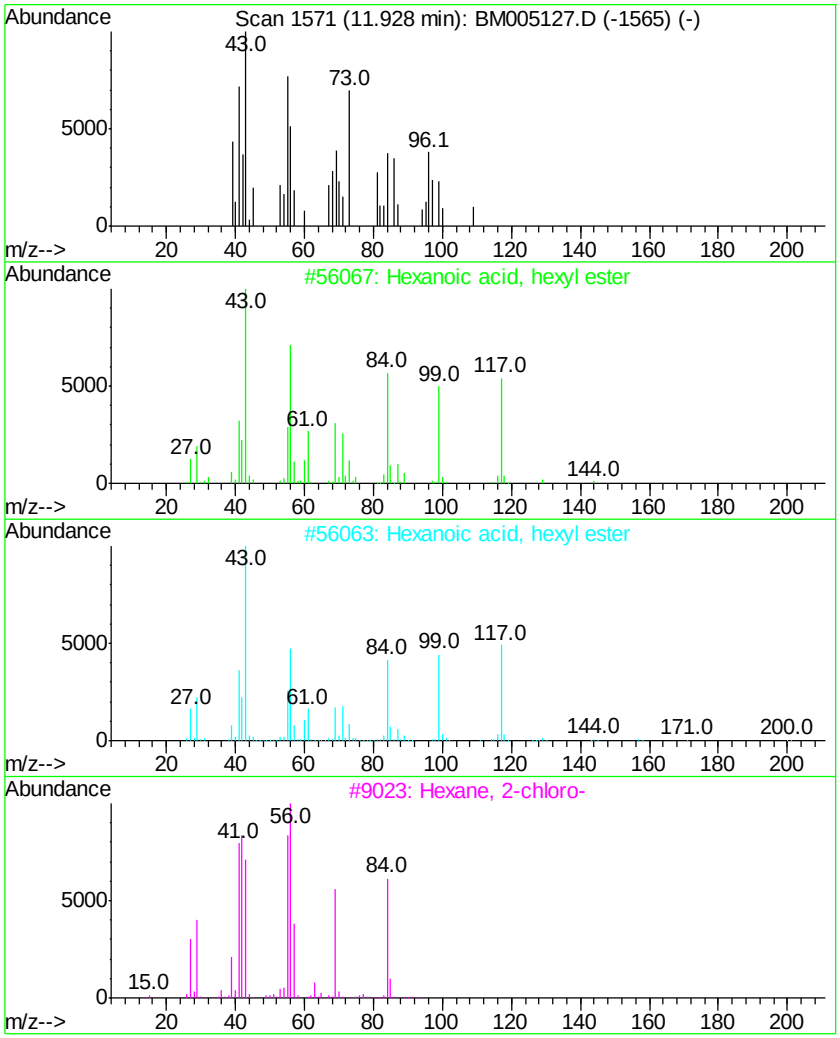
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

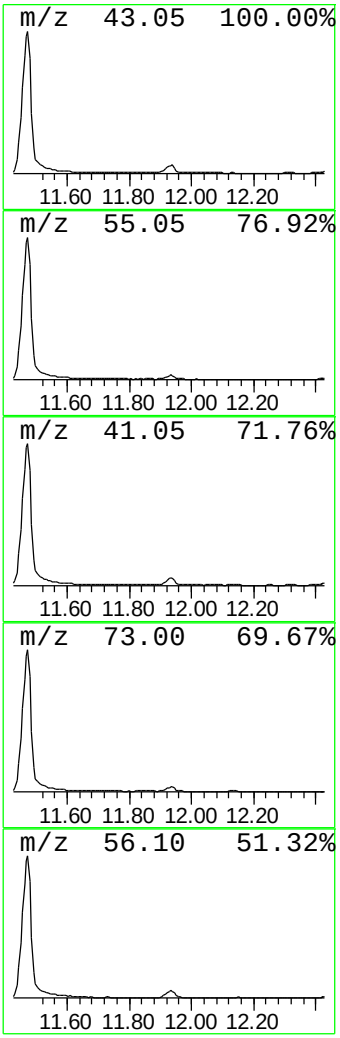
****

Peak Number 18 unknown-03 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.45 ng/ul	75398	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, hexyl ester	200	C12H24O2	006378-65-0	38
2	Hexanoic acid, hexyl ester	200	C12H24O2	006378-65-0	35
3	Hexane, 2-chloro-	120	C6H13Cl	000638-28-8	35
4	3-Hexene, (Z)-	84	C6H12	007642-09-3	30
5	3-Hepten-1-ol, (Z)-	114	C7H14O	001708-81-2	27





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

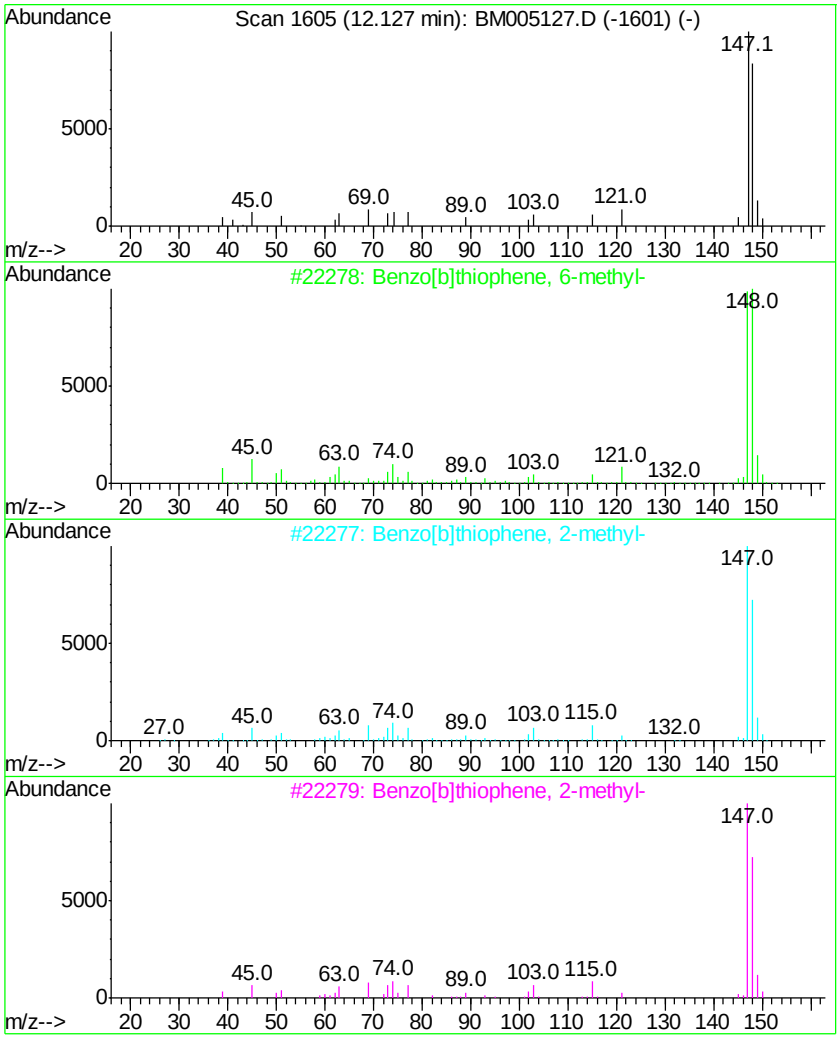
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

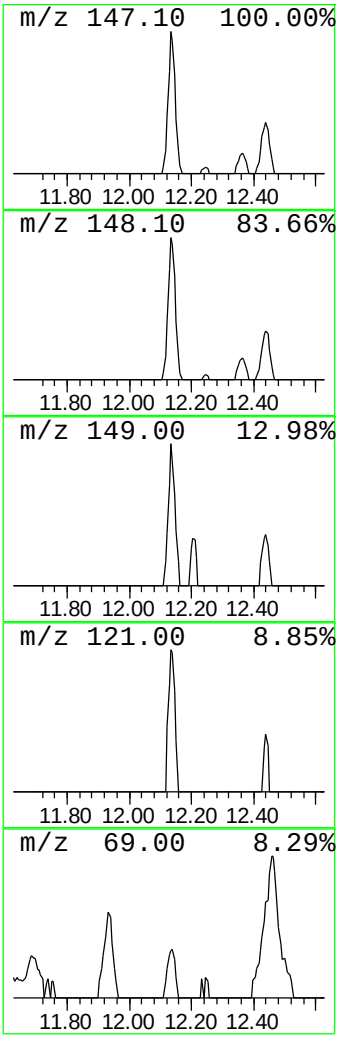
****

Peak Number 19 Benzo[b]thiophene, 6-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	3.20 ng/ul	69994	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

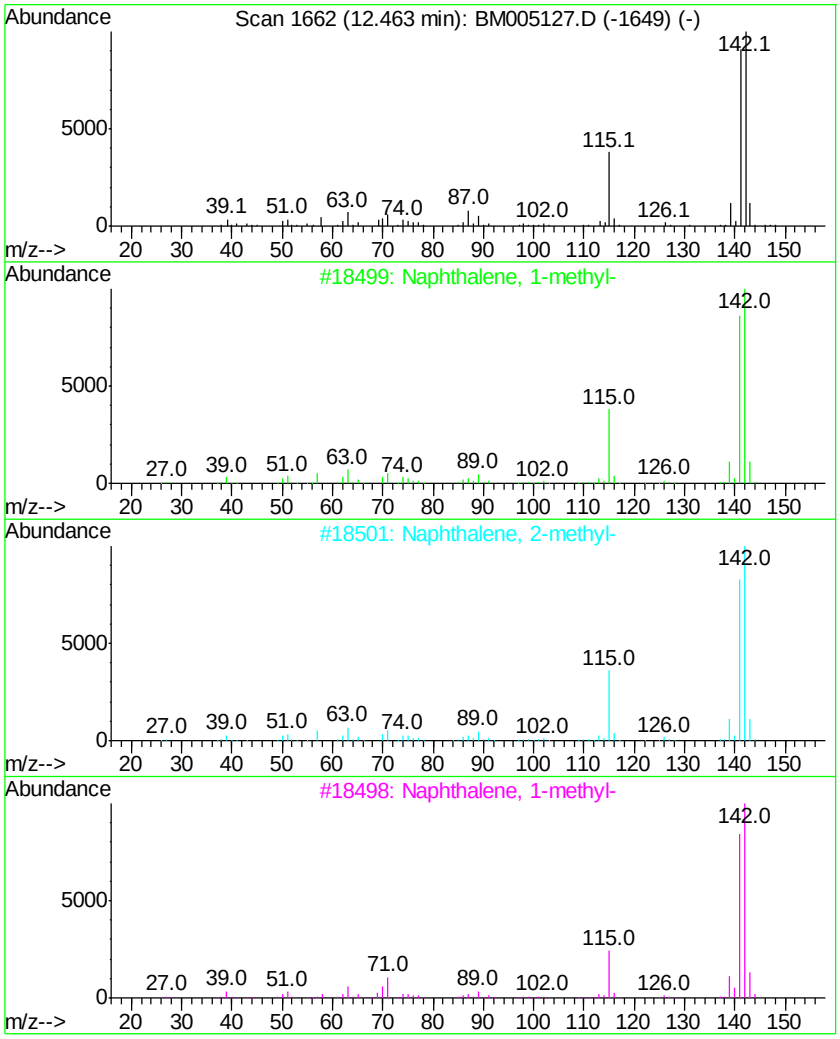
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

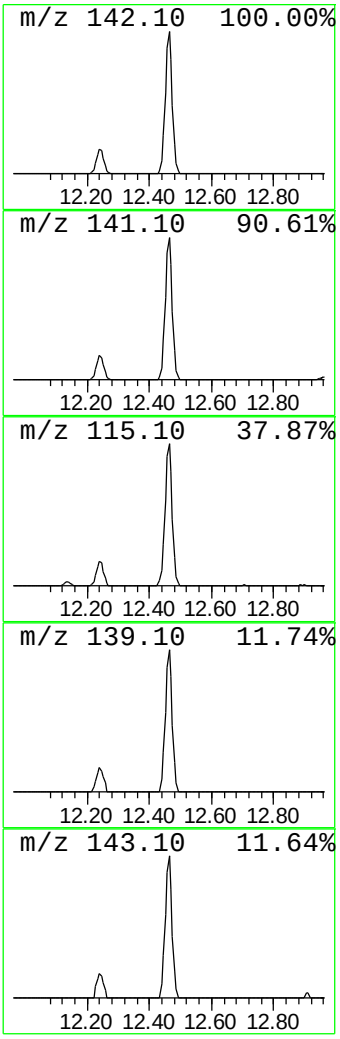
****

Peak Number 20 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	23.11 ng/ul	504781	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

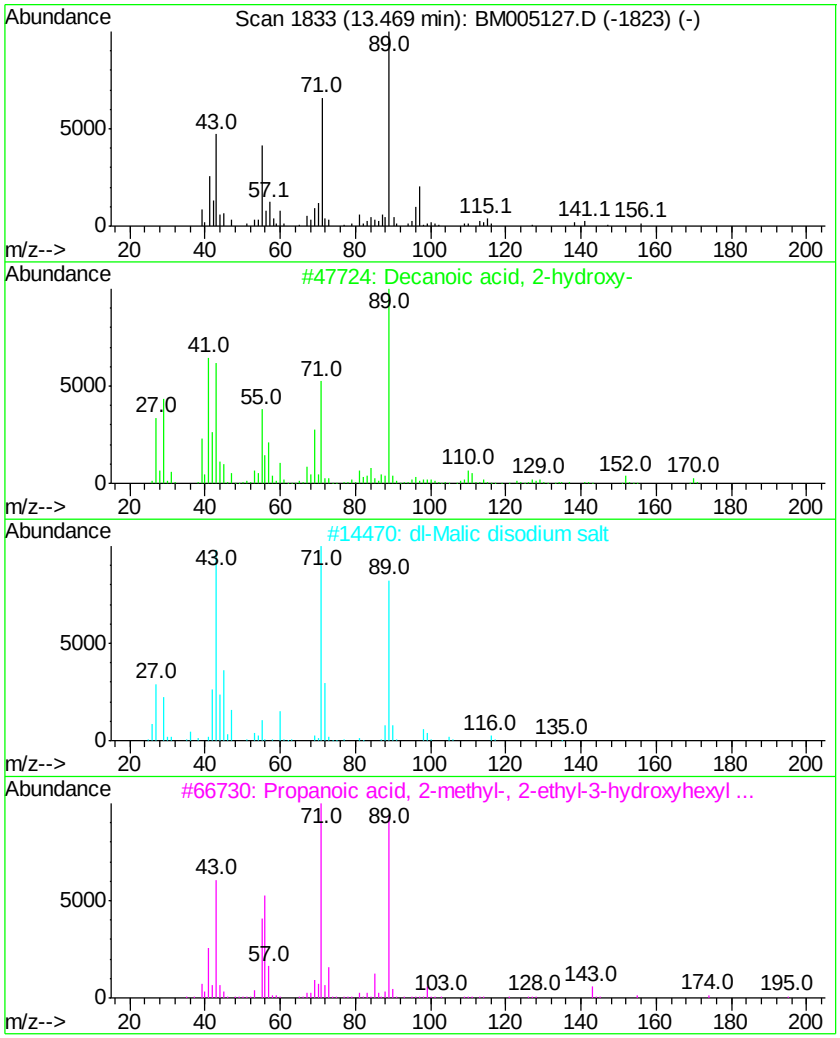
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

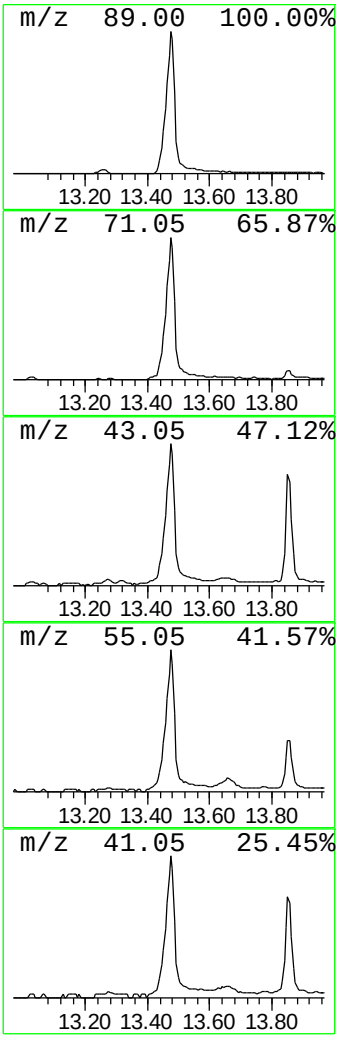
****

Peak Number 21 Decanoic acid, 2-hydroxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	14.50 ng/ul	492823	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic acid, 2-hydroxy-	188	C10H20O3	005393-81-7	64
2	dl-Malic disodium salt	134	C4H6O5	000617-48-1	56
3	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	50
4	2-Cyclopentene, 1,4-bis(methoxye...	276	C13H24O6	1000156-00-3	45
5	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	45





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

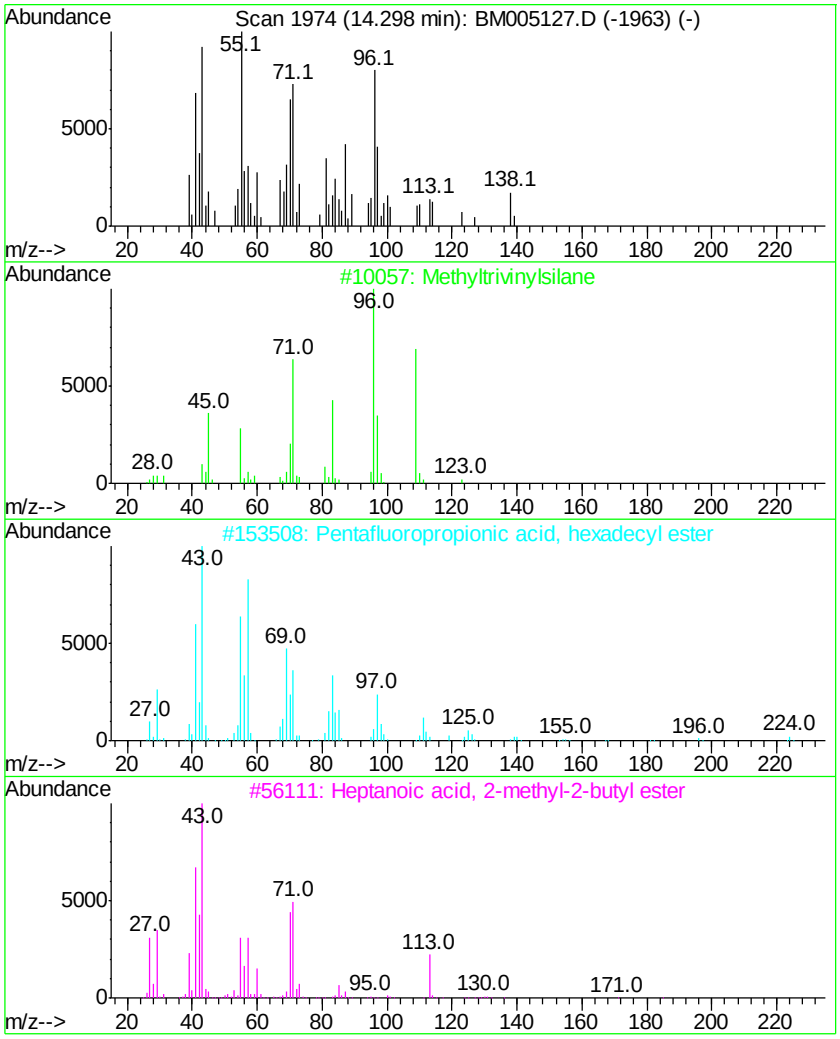
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

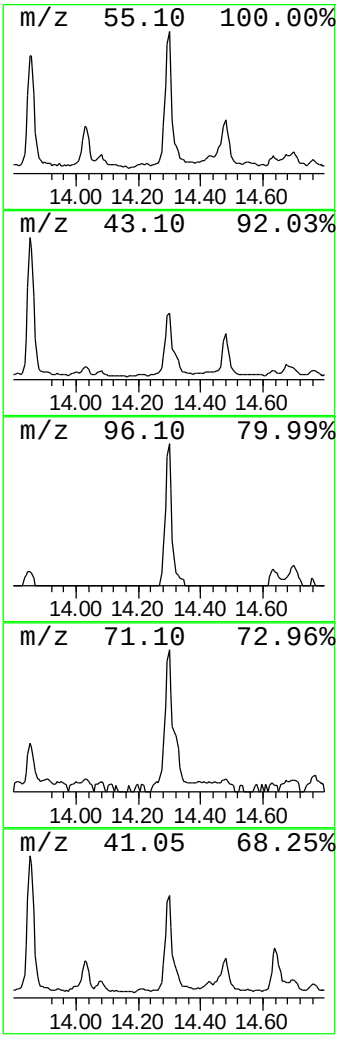
****

Peak Number 22 unknown-04 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	5.30 ng/ul	180014	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyltrivinylsilane	124	C7H12Si	018244-95-6	27
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	27
3	Heptanoic acid, 2-methyl-2-butyl...	200	C12H24O2	1000160-11-4	22
4	1-Methyl-cyclohexyl propionate	170	C10H18O2	091328-37-9	16
5	1,6-Octadiene, 3-ethoxy-3,7-dime...	182	C12H22O	072845-33-1	16





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

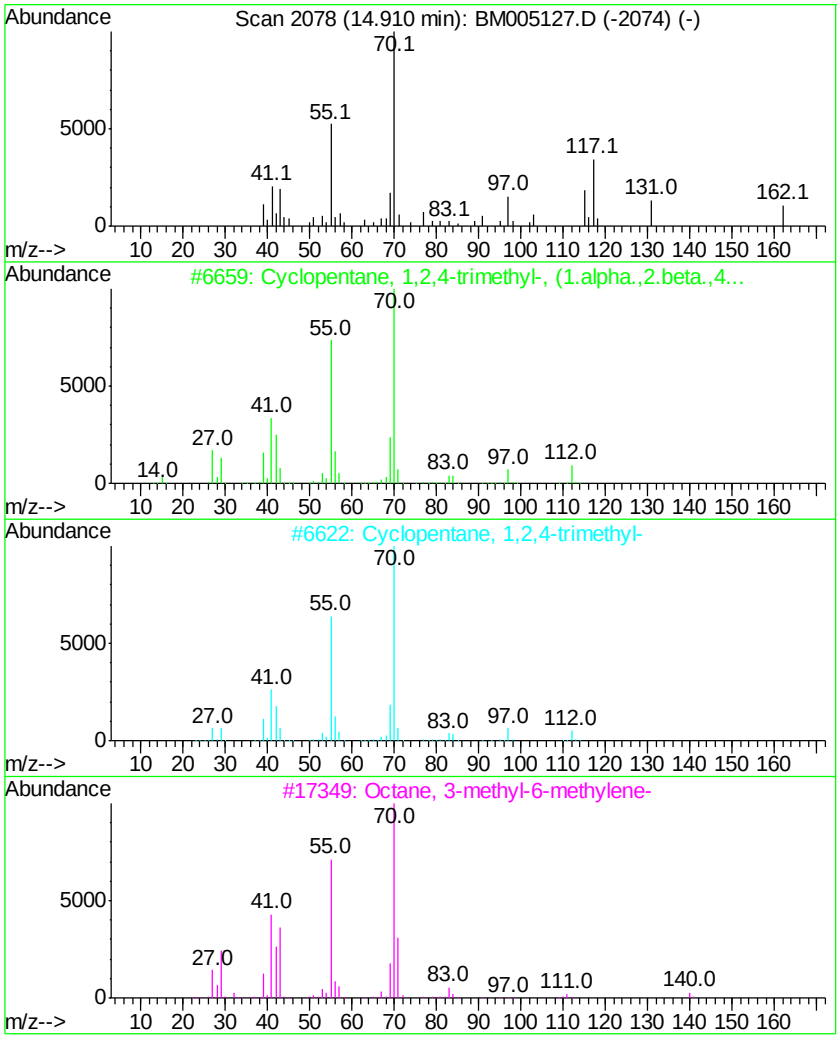
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

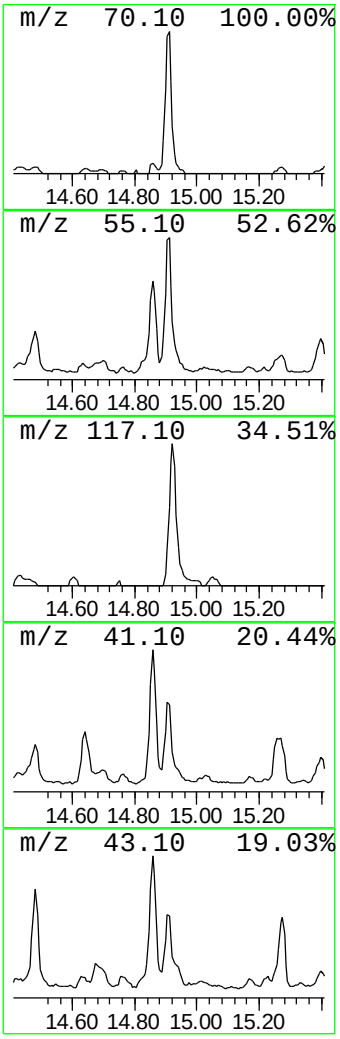
****

Peak Number 23 (DEL) Alkane: Cyclic-14.91 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	4.59 ng/ul	155880	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	37
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	37
3	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	25
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	25
5	Tetrahydro-3,3,5,5-tetramethyl-6...	246	C15H18O3	026735-88-6	25





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

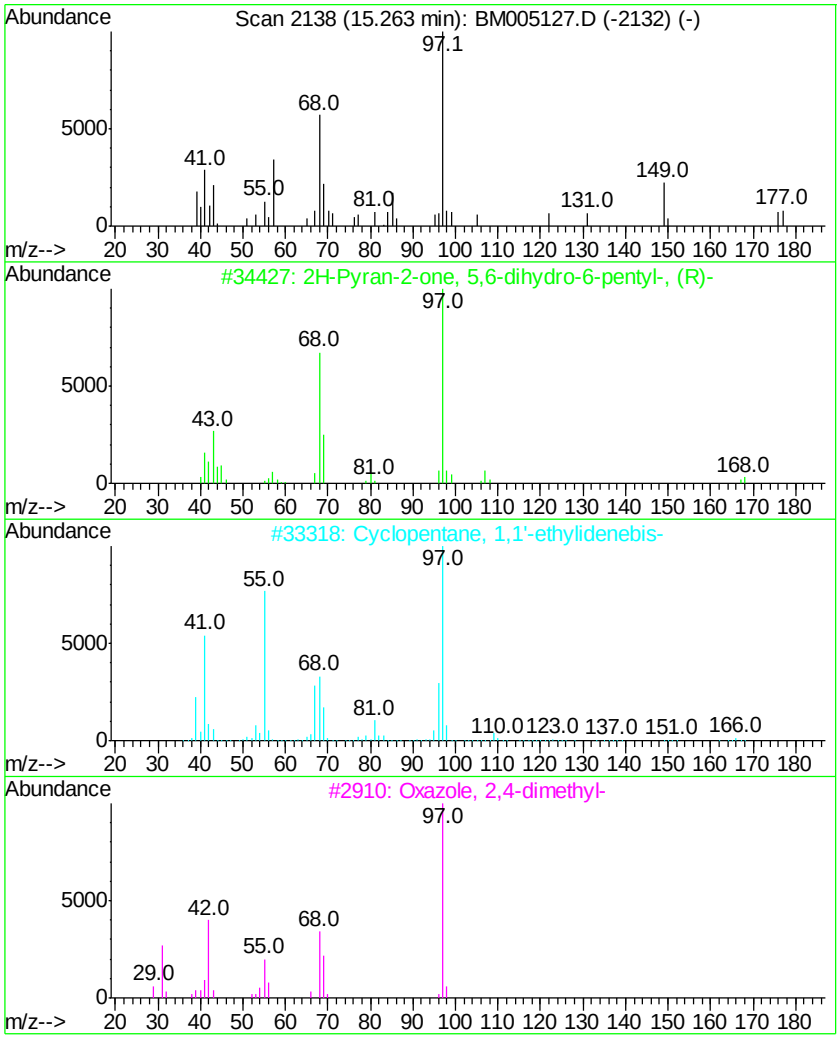
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

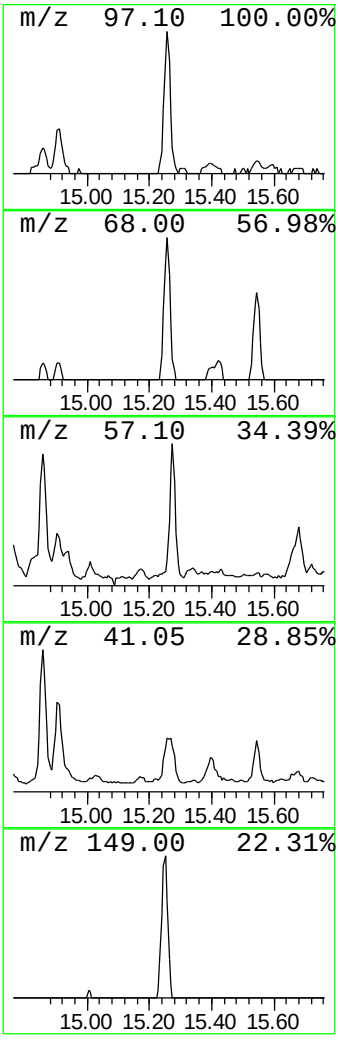
****

Peak Number 24 unknown-05 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	3.08 ng/ul	104712	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2-one, 5,6-dihydro-6-pe...	168	C10H16O2	051154-96-2	38
2	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	32
3	Oxazole, 2,4-dimethyl-	97	C5H7NO	007208-05-1	32
4	Pyridine, 2-fluoro-	97	C5H4FN	000372-48-5	27
5	4,7-Ethanopyrazolo[1,5-a]pyridin...	176	C11H16N2	1000221-84-8	27





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

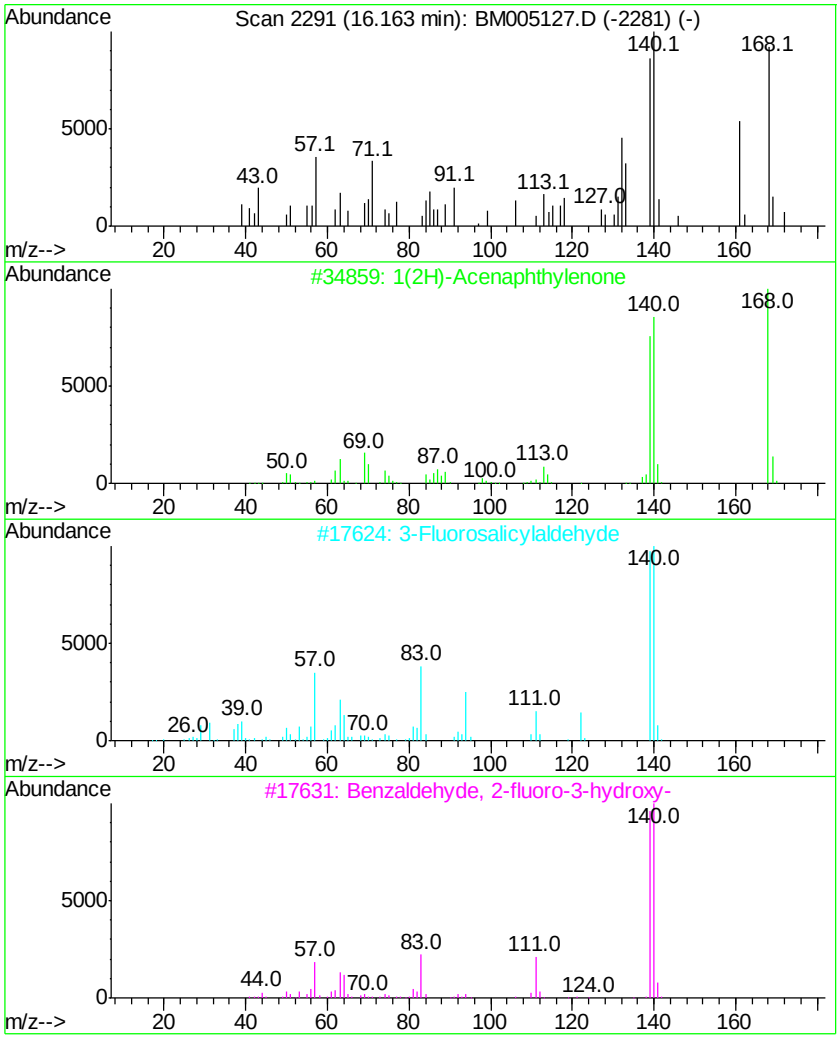
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

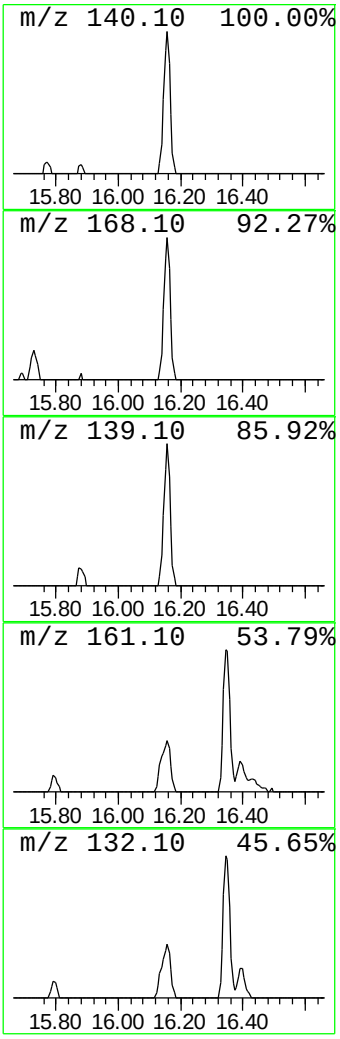
****

Peak Number 25 1(2H)-Acenaphthylenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	3.90 ng/ul	157297	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	93
2	3-Fluorosalicylaldehyde	140	C7H5FO2	000394-50-3	38
3	Benzaldehyde, 2-fluoro-3-hydroxy-	140	C7H5FO2	103438-86-4	38
4	Dibenzofuran	168	C12H8O	000132-64-9	38
5	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

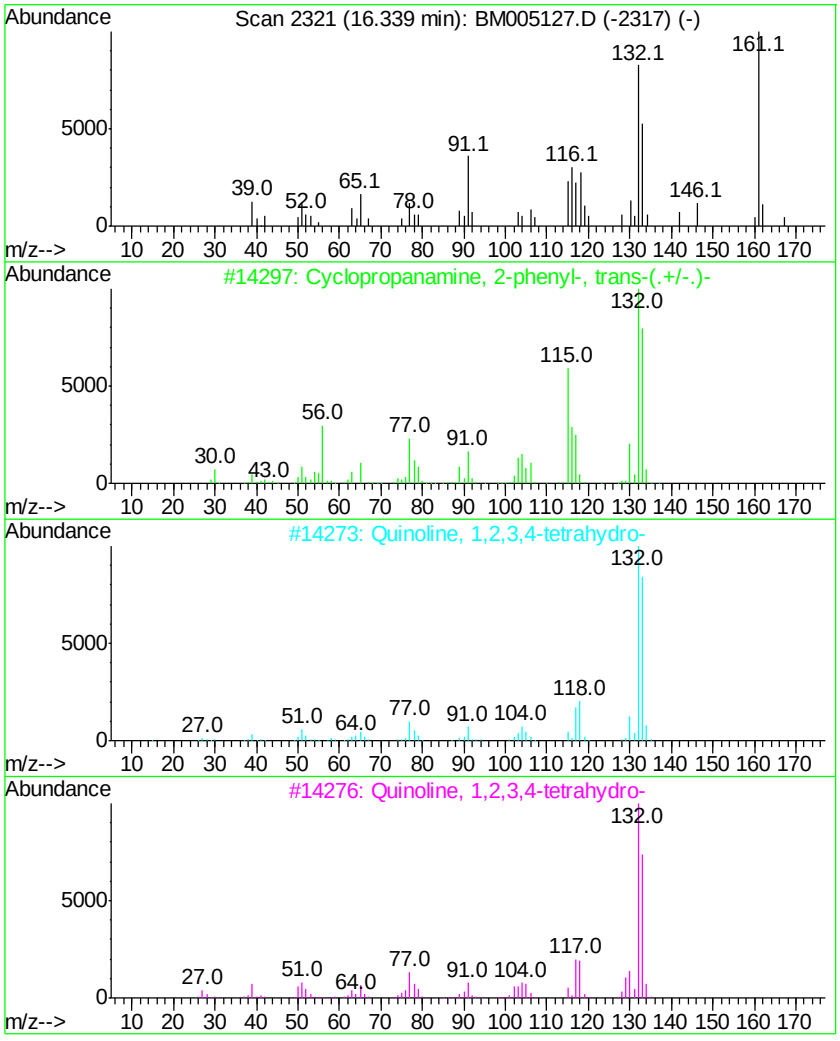
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

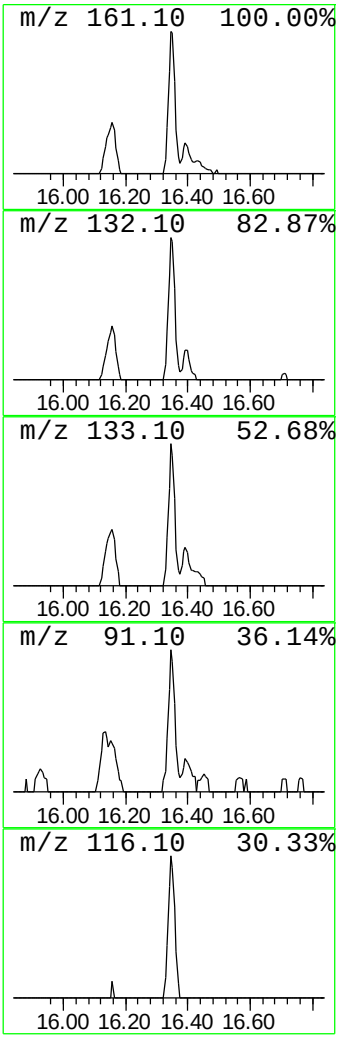
****

Peak Number 26 Cyclopropanamine, 2-phenyl-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	2.26 ng/ul	91000	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanamine, 2-phenyl-, tra...	133	C9H11N	000155-09-9	55
2	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	55
3	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	50
4	5-Aminoindan	133	C9H11N	024425-40-9	50
5	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

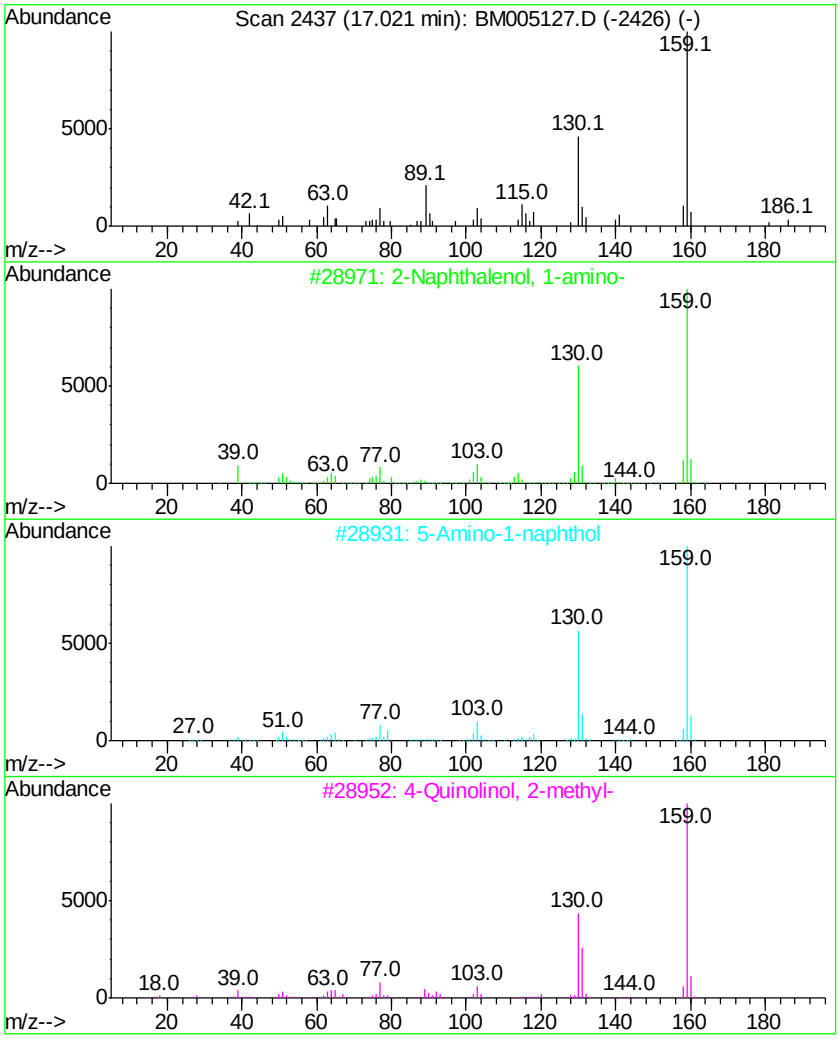
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

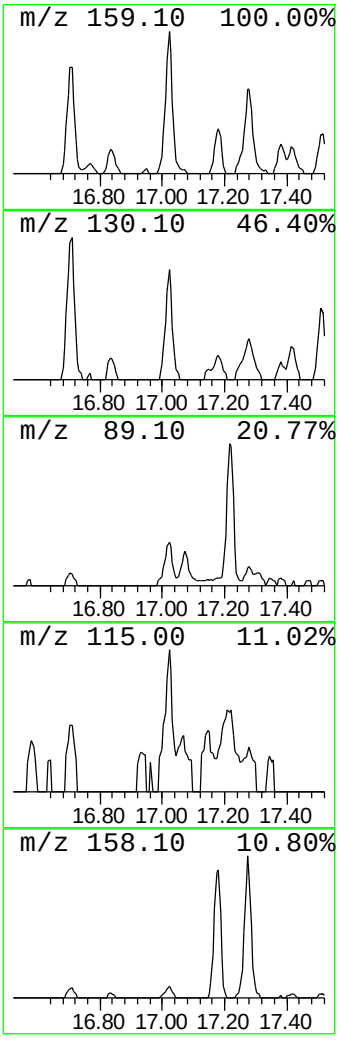
****

Peak Number 27 2-Naphthalenol, 1-amino- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	2.91 ng/ul	117331	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	68
2	5-Amino-1-naphthol	159	C10H9NO	000083-55-6	64
3	4-Quinolinol, 2-methyl-	159	C10H9NO	000607-67-0	64
4	1-Naphthalenol, 6-amino-	159	C10H9NO	023894-12-4	52
5	8-Quinolinol, 2-methyl-	159	C10H9NO	000826-81-3	50





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

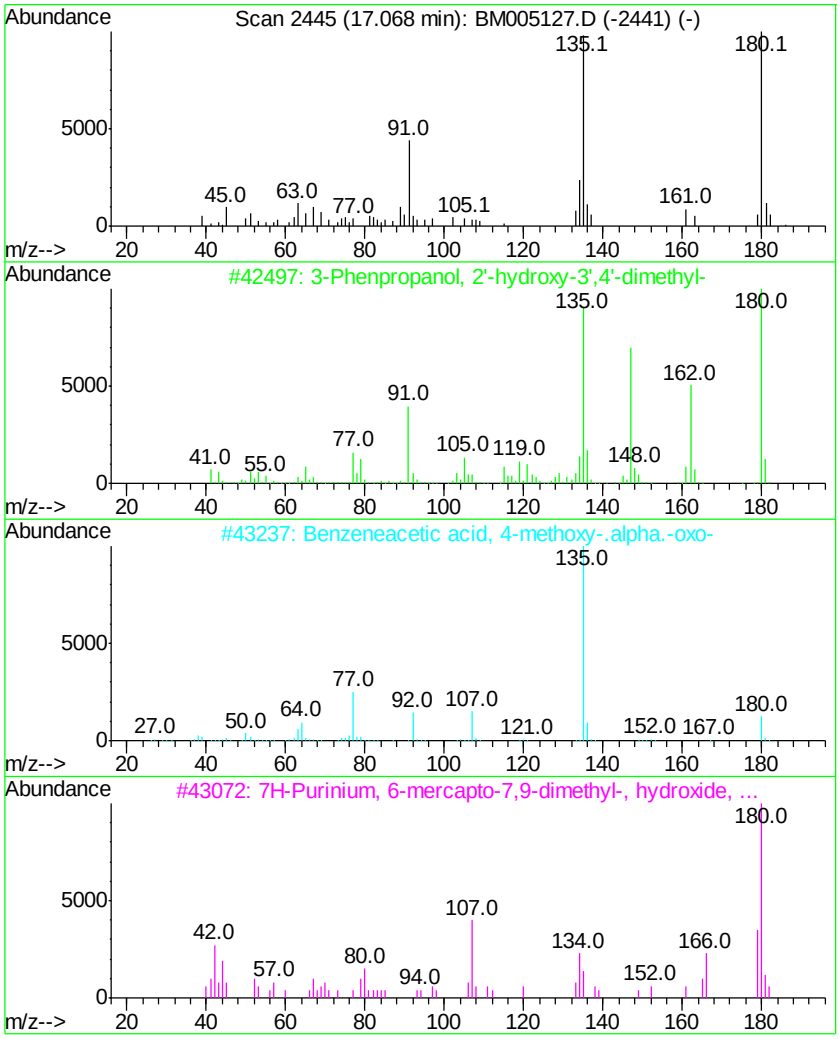
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

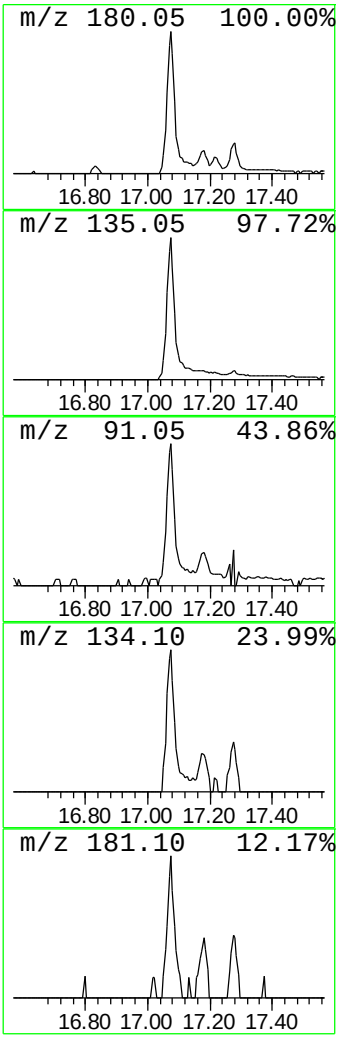
****

Peak Number 28 3-Phenpropanol, 2'-hydroxy-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.07	3.78 ng/ul	152350	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenpropanol, 2'-hydroxy-3',4'...	180	C11H16O2	040614-18-4	64
2	Benzeneacetic acid, 4-methoxy-.a...	180	C9H8O4	007099-91-4	59
3	7H-Purinium, 6-mercapto-7,9-dime...	180	C7H8N4S	005752-11-4	43
4	1H-Purine, 2-methyl-6-(methylthio)-	180	C7H8N4S	001008-47-5	43
5	9H-Purine, 9-methyl-6-(methylthio)-	180	C7H8N4S	001127-75-9	43





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

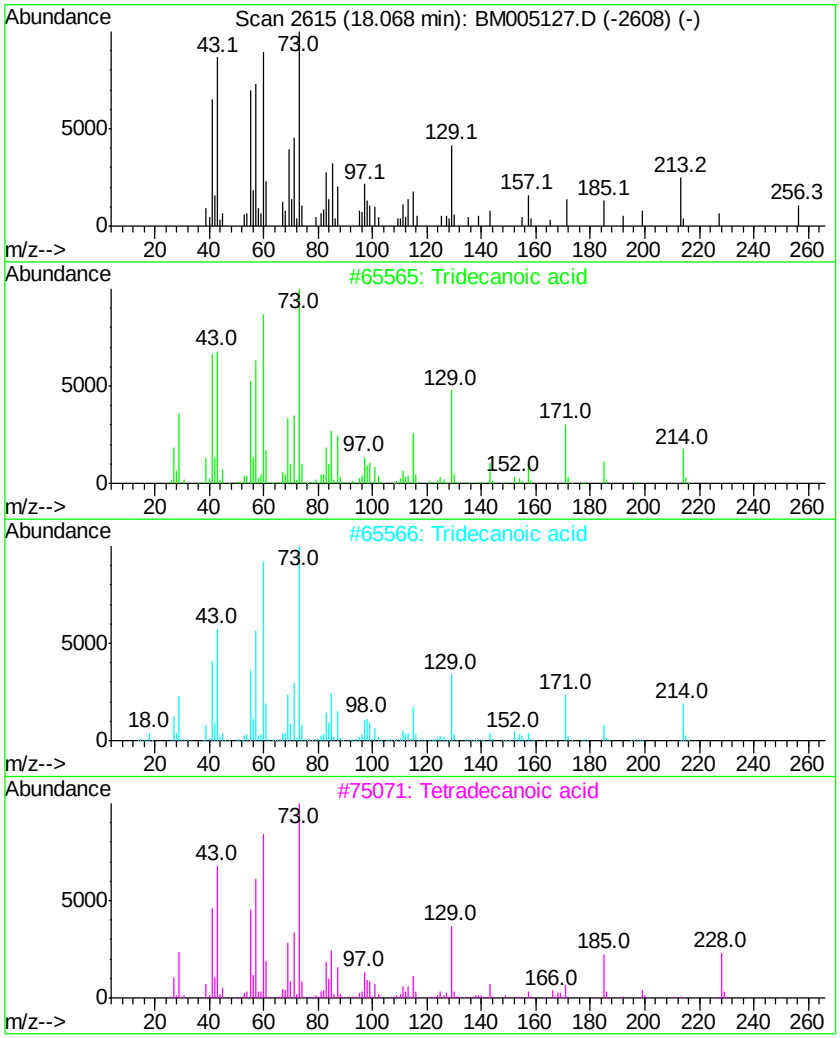
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

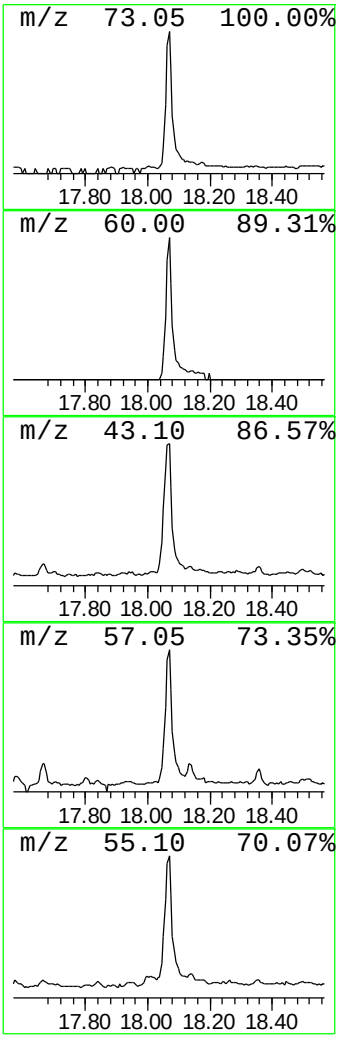
****

Peak Number 29 Tridecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	4.31 ng/ul	173875	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

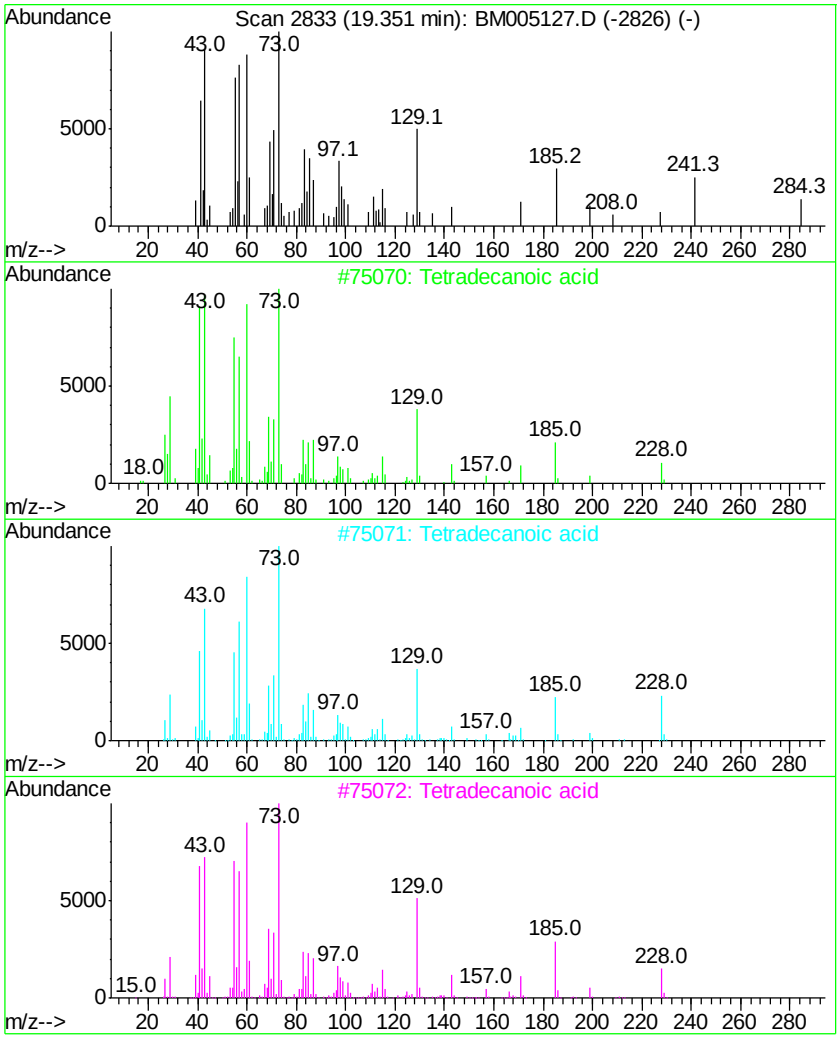
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

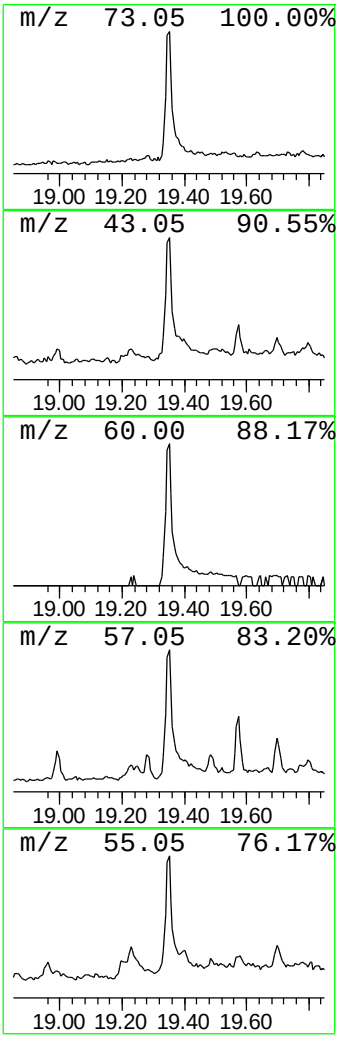
****

Peak Number 30 Tetradecanoic acid Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	2.83 ng/ul	120209	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042816\
Data File : BM005127.D
Acq On : 28 Apr 2016 23:17
Operator : UM/SJ
Sample : H2639-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanal	4.37	3.6	ng/ul	46799	1	7.79	262541	20.0
Heptanal	5.85	8.4	ng/ul	110146	1	7.79	262541	20.0
Hexanoic acid	6.82	4.2	ng/ul	54617	1	7.79	262541	20.0
2-Octanol	7.40	5.1	ng/ul	66642	1	7.79	262541	20.0
Indane	8.16	9.8	ng/ul	129157	1	7.79	262541	20.0
Indene	8.32	29.0	ng/ul	381079	1	7.79	262541	20.0
unknown-01	9.10	3.9	ng/ul	51053	1	7.79	262541	20.0
Benzofuran, 7-met...	9.14	8.1	ng/ul	106406	1	7.79	262541	20.0
Benzofuran, 2-met...	9.26	8.4	ng/ul	183029	2	10.58	436839	20.0
Octanoic Acid	9.93	3.9	ng/ul	84003	2	10.58	436839	20.0
2-Nonenal, (E)-	9.99	12.8	ng/ul	279347	2	10.58	436839	20.0
2-Benzothiophene #	10.75	25.9	ng/ul	566395	2	10.58	436839	20.0
1,2-Octanediol	11.16	2.3	ng/ul	50000	2	10.58	436839	20.0
Nonanoic acid	11.40	7.3	ng/ul	159479	2	10.58	436839	20.0
unknown-02	11.47	91.0	ng/ul	1988110	2	10.58	436839	20.0
Benzo[b]thiophene...	11.69	2.7	ng/ul	58892	2	10.58	436839	20.0
unknown-03	11.93	3.5	ng/ul	75398	2	10.58	436839	20.0
Benzo[b]thiophene...	12.13	3.2	ng/ul	69994	2	10.58	436839	20.0
Naphthalene, 1-me...	12.46	23.1	ng/ul	504781	2	10.58	436839	20.0
Decanoic acid, 2-...	13.47	14.5	ng/ul	492823	3	14.43	679604	20.0
unknown-04	14.30	5.3	ng/ul	180014	3	14.43	679604	20.0
(DEL) Alkane: Cyc...	14.91	4.6	ng/ul	155880	3	14.43	679604	20.0
unknown-05	15.26	3.1	ng/ul	104712	3	14.43	679604	20.0
1(2H)-Acenaphthyl...	16.16	3.9	ng/ul	157297	4	17.18	806892	20.0
Cyclopropanamine,...	16.34	2.3	ng/ul	91000	4	17.18	806892	20.0
2-Naphthalenol, 1...	17.02	2.9	ng/ul	117331	4	17.18	806892	20.0
3-Phenpropanol, 2...	17.07	3.8	ng/ul	152350	4	17.18	806892	20.0
Tridecanoic acid	18.07	4.3	ng/ul	173875	4	17.18	806892	20.0
Tetradecanoic acid	19.35	2.8	ng/ul	120209	5	21.36	850358	20.0