LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.163	51	55	58	rBV4	23074	29190	1.11%	0.077%
2	3.281	70	75	83	rVB7	15749	28998	1.10%	0.076%
3	3.616	126	132	143	rVB3	83871	148412	5.63%	0.390%
4	4.133	215	220	226	rVB7	16130	28361	1.08%	0.075%
5	5.302	413	419	428	rVB5	26393	52440	1.99%	0.138%
6	5.396	428	435	445	rVB9	10231	26488	1.01%	0.070%
7	7.382	766	773	786	rVB3	274486	554968	21.06%	1.459%
8	7.552	794	802	814	rBV	169732	320885	12.18%	0.843%
9	7.770	829	839	847	rBV2	240231	436893	16.58%	1.148%
10	8.240	905	919	932	rBV2	355677	697924	26.49%	1.834%
11	8.451	946	955	961	rVV7	10684	24987	0.95%	0.066%
12	8.681	986	994	1001	rBV8	18226	46730	1.77%	0.123%
13	8.851	1015	1023	1025	rBV7	14154	23548	0.89%	0.062%
14	8.939	1032	1038	1045	rBV	320767	551343	20.92%	1.449%
15	9.004	1045	1049	1056	rVB6	21373	39274	1.49%	0.103%
16	9.080	1056	1062	1069	rVB5	35355	79709	3.02%	0.210%
17	9.339	1098	1106	1111	rBV3	33919	59339	2.25%	0.156%
18	9.421	1111	1120	1127	rVB	265959	471508	17.89%	1.239%
19	10.003	1215	1219	1229	rVB7	14177	28084	1.07%	0.074%
20	10.144	1233	1243	1250	rVV3	240164	459601	17.44%	1.208%
21	10.214	1251	1255	1258	rBV4	24830	39188	1.49%	0.103%
22	10.332	1270	1275	1283	rVB8	13638	30641	1.16%	0.081%
23	10.490	1291	1302	1304	rVV9	22334	56956	2.16%	0.150%
24	10.520	1304	1307	1312	rVB4	20708	35086	1.33%	0.092%
25	10.678	1327	1334	1343	rVB2	342307	637698	24.20%	1.676%
26	10.919	1361	1375	1378	rBV2	24920	73023	2.77%	0.192%
27	10.960	1378	1382	1392	rVB5	34031	73110	2.77%	0.192%
28	11.072	1392	1401	1416	rVB	501960	1000165	37.96%	2.629%
29	11.201	1416	1423	1435	rBV2	131249	301210	11.43%	0.792%
30	11.301	1437	1440	1448	rVB9	13824	25720	0.98%	0.068%
31	11.430	1453	1462	1466	rBV9	23336	71931	2.73%	0.189%
32	11.471	1466	1469	1476	rVB8	21820	43084	1.64%	0.113%
33	11.583	1484	1488	1494	rVB4	33364	61977	2.35%	0.163%
34	11.654	1494	1500	1507	rBV8	17735	47468	1.80%	0.125%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

35	11.871	1531	1537	1542	rVV5	32683	63867	2.42%	0.168%
36	12.071	1566	1571	1575	rBV7	24681	53701	2.04%	0.141%
37	12.112	1576	1578	1583	rVB5	19403	23695	0.90%	0.062%
38	12.212	1589	1595	1604	rVB3	72518	141164	5.36%	0.371%
39	12.388	1619	1625	1627	rVV6	12949	25832	0.98%	0.068%
40	12.429	1627	1632	1640	rVB5	47906	92036	3.49%	0.242%
41	12.705	1675	1679	1683	rBV6	59405	117675	4.47%	0.309%
42	12.864	1695	1706	1710	rBV6	26840	94563	3.59%	0.249%
43	12.923	1711	1716	1722	rVB2	54540	100075	3.80%	0.263%
44	13.052	1733	1738	1742	rVV7	22265	45047	1.71%	0.118%
45	13.122	1742	1750	1758	rVB9	56778	142195	5.40%	0.374%
46	13.211	1761	1765	1767	rBV5	16644	24739	0.94%	0.065%
47	13.240	1767	1770	1773	rVV5	17657	25693	0.98%	0.068%
48	13.346	1781	1788	1799	rVB3	78299	160170	6.08%	0.421%
49	13.575	1823	1827	1832	rBV8	16640	24010	0.91%	0.063%
50	13.645	1834	1839	1844	rVB4	60866	88472	3.36%	0.233%
51	13.739	1846	1855	1857	rBV10	20571	51272	1.95%	0.135%
52	13.892	1877	1881	1885	rBV7	26121	40817	1.55%	0.107%
53	14.039	1895	1906	1915	rBV7	55218	199078	7.55%	0.523%
54	14.203	1925	1934	1936	rBV4	77679	219617	8.33%	0.577%
55	14.250	1936	1942	1947	rVV	692363	1158058	43.95%	3.044%
56	14.297	1947	1950	1956	rVB2	161298	227381	8.63%	0.598%
57	14.415	1967	1970	1973	rBV4	23757	27859	1.06%	0.073%
58	14.450	1973	1976	1983	rVB9	33061	65605	2.49%	0.172%
59	14.562	1988	1995	2004	rVB	667170	1157118	43.91%	3.041%
60	14.709	2016	2020	2025	rVB2	91149	125127	4.75%	0.329%
61	14.862	2034	2046	2056	rBV	895793	1662037	63.07%	4.369%
62	14.985	2062	2067	2072	rBV	121625	190860	7.24%	0.502%
63	15.050	2072	2078	2089	rVB2	333093	604043	22.92%	1.588%
64	15.238	2105	2110	2119	rVB10	76172	189054	7.17%	0.497%
65	15.320	2120	2124	2128	rBV6	35898	53186	2.02%	0.140%
66	15.467	2145	2149	2154	rVB8	43285	72100	2.74%	0.190%
67	15.520	2155	2158	2162	rBV6	26673	43239	1.64%	0.114%
68	15.614	2168	2174	2178	rBV3	114760	238639	9.06%	0.627%
69	15.655	2178	2181	2189	rVB	162647	244641	9.28%	0.643%
70	15.772	2196	2201	2206	rBV	179330	264398	10.03%	0.695%
71	15.849	2207	2214	2227	rVV	981588	1652165	62.70%	4.343%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

72	15.960	2227	2233	2243	rVB2	394327	638460	24.23%	1.678%
73	16.060	2244	2250	2253	rBV8	42257	78934	3.00%	0.207%
74	16.154	2263	2266	2270	rBV6	29216	40555	1.54%	0.107%
75	16.278	2283	2287	2294	rVB2	137265	212529	8.07%	0.559%
76	16.513	2323	2327	2331	rBV	271202	369661	14.03%	0.972%
77	16.548	2331	2333	2339	rVB	126633	170052	6.45%	0.447%
78	16.677	2351	2355	2362	rBV10	51809	120801	4.58%	0.318%
79	16.736	2362	2365	2369	rVB3	57341	69938	2.65%	0.184%
80	16.871	2383	2388	2396	rBV2	188056	390287	14.81%	1.026%
81	17.124	2429	2431	2440	rVB9	42885	72894	2.77%	0.192%
82	17.259	2450	2454	2457	rBV6	75059	106301	4.03%	0.279%
83	17.306	2457	2462	2471	rVB	297014	447645	16.99%	1.177%
84	17.605	2505	2513	2523	rVB	1149321	2053048	77.91%	5.396%
85	17.699	2523	2529	2538	rBV2	1094008	1807847	68.61%	4.752%
86	18.040	2583	2587	2598	rVB	401046	622145	23.61%	1.635%
87	18.222	2615	2618	2625	rBV8	63750	95486	3.62%	0.251%
88	18.446	2652	2656	2660	rBV2	245551	355310	13.48%	0.934%
89	18.651	2688	2691	2693	rBV4	85702	108097	4.10%	0.284%
90	18.728	2700	2704	2709	rVB	442755	511758	19.42%	1.345%
91	19.297	2798	2801	2802	rBV3	106314	118211	4.49%	0.311%
92	19.350	2807	2810	2819	rBV	457772	634899	24.09%	1.669%
93	19.920	2900	2907	2911	rBV2	539328	762251	28.93%	2.004%
94	19.973	2911	2916	2926	rBV2	1436736	2635060	100.00%	6.926%
95	20.449	2994	2997	3002	rVB	652528	746645	28.34%	1.963%
96	21.466	3167	3170	3177	rBV	357879	482760	18.32%	1.269%
97	21.900	3238	3244	3250	rVB	1346179	2420975	91.88%	6.363%
98	25.079	3777	3785	3804	rVB2	702605	2457762	93.27%	6.460%
99	25.314	3817	3825	3837	rVB3	702500	2101204	79.74%	5.523%
100	25.913	3921	3927	3943	rVB5	365786	1098060	41.67%	2.886%

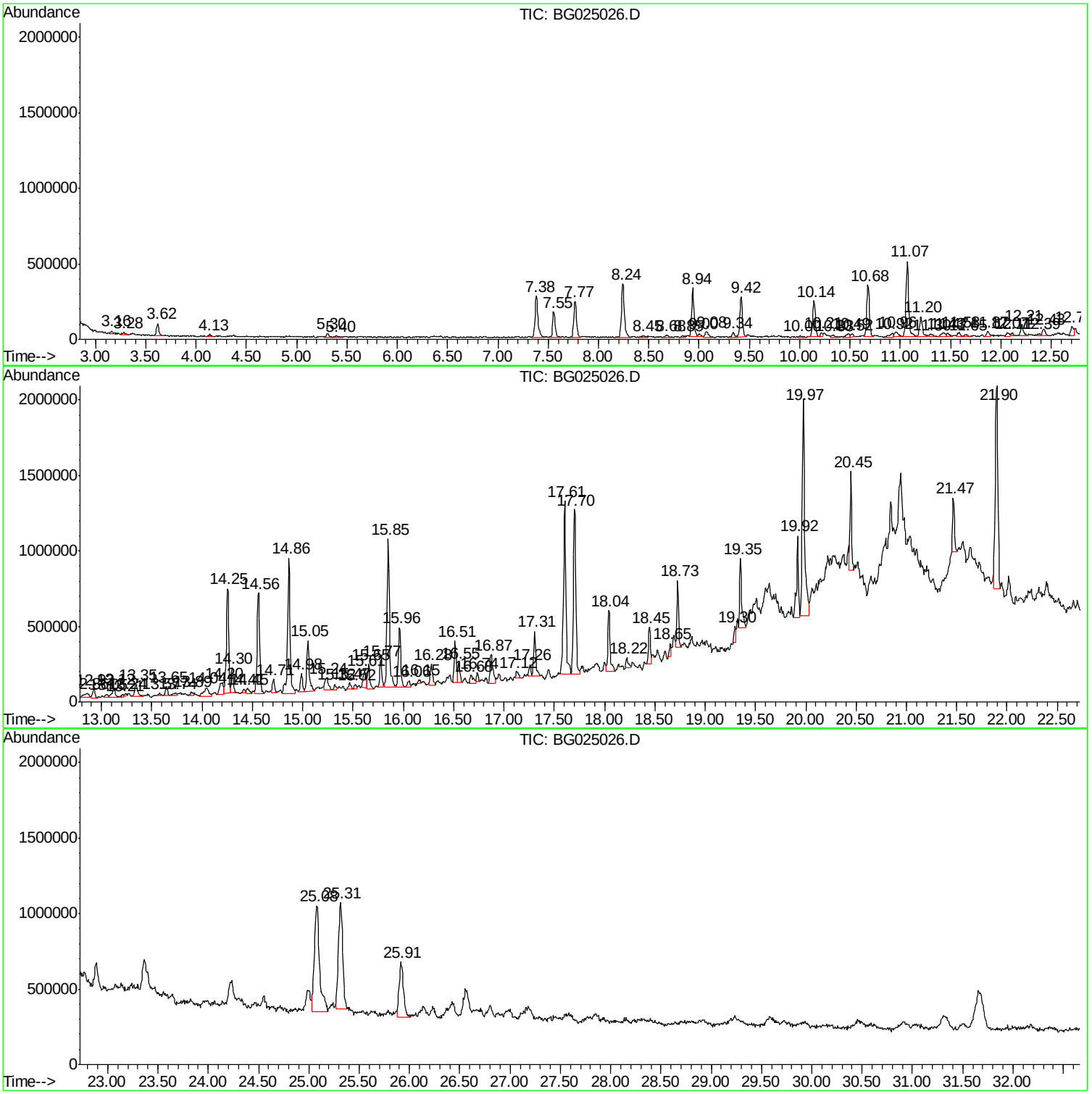
Sum of corrected areas: 38044742

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7Z7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

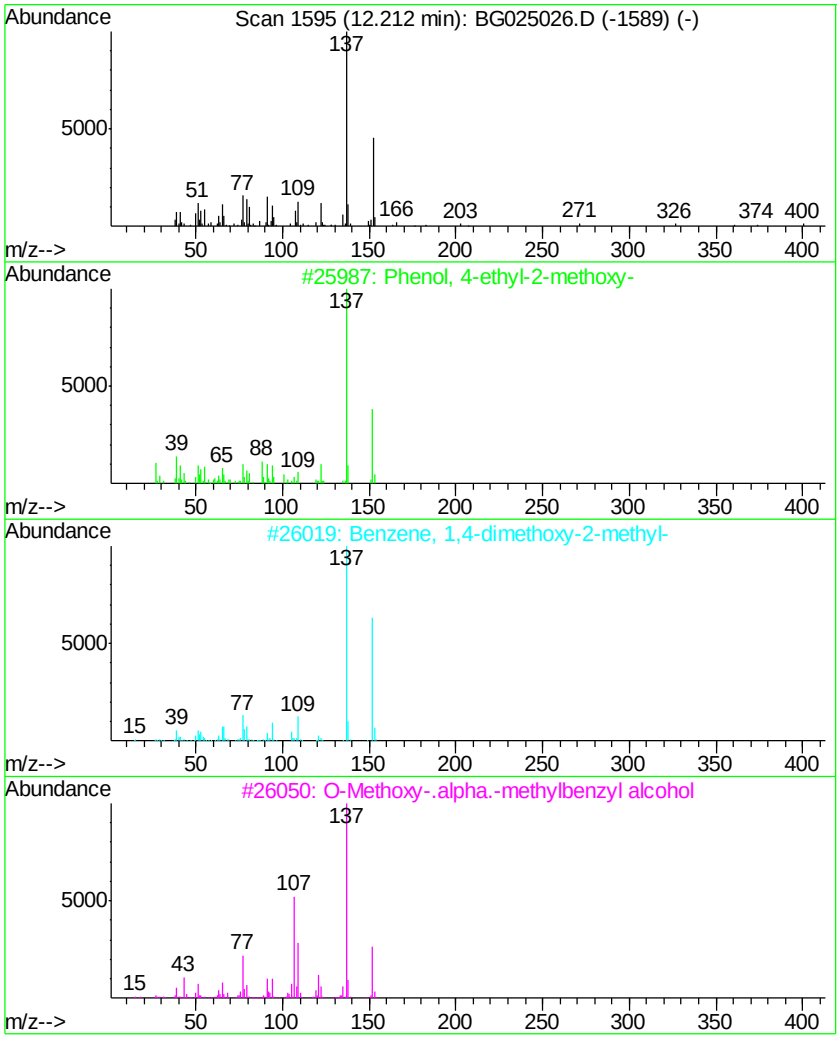
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

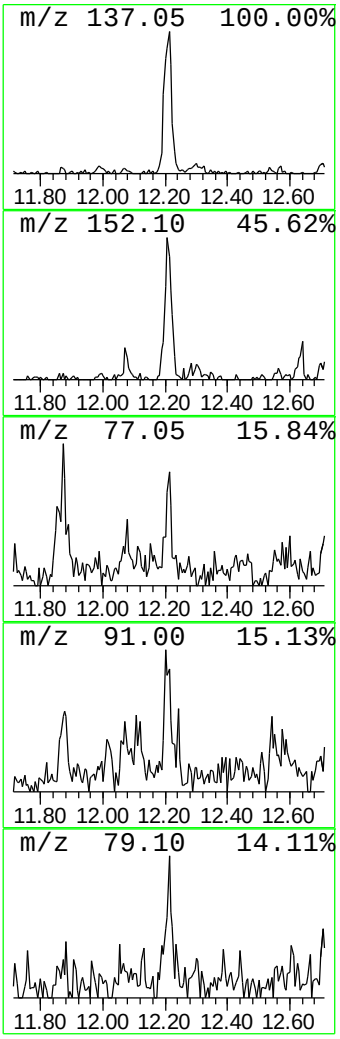
****

Peak Number 1 Phenol, 4-ethyl-2-methoxy- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.82 ng/ul	141164	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	91
2	Benzene, 1,4-dimethoxy-2-methyl-	152	C9H12O2	024599-58-4	86
3	O-Methoxy-.alpha.-methylbenzyl a...	152	C9H12O2	013513-82-1	80
4	Benzene, 1,4-dimethoxy-2-methyl-	152	C9H12O2	024599-58-4	80
5	5-Isopropyl-3,3-dimethyl-2-methy...	152	C10H16O	081250-44-4	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

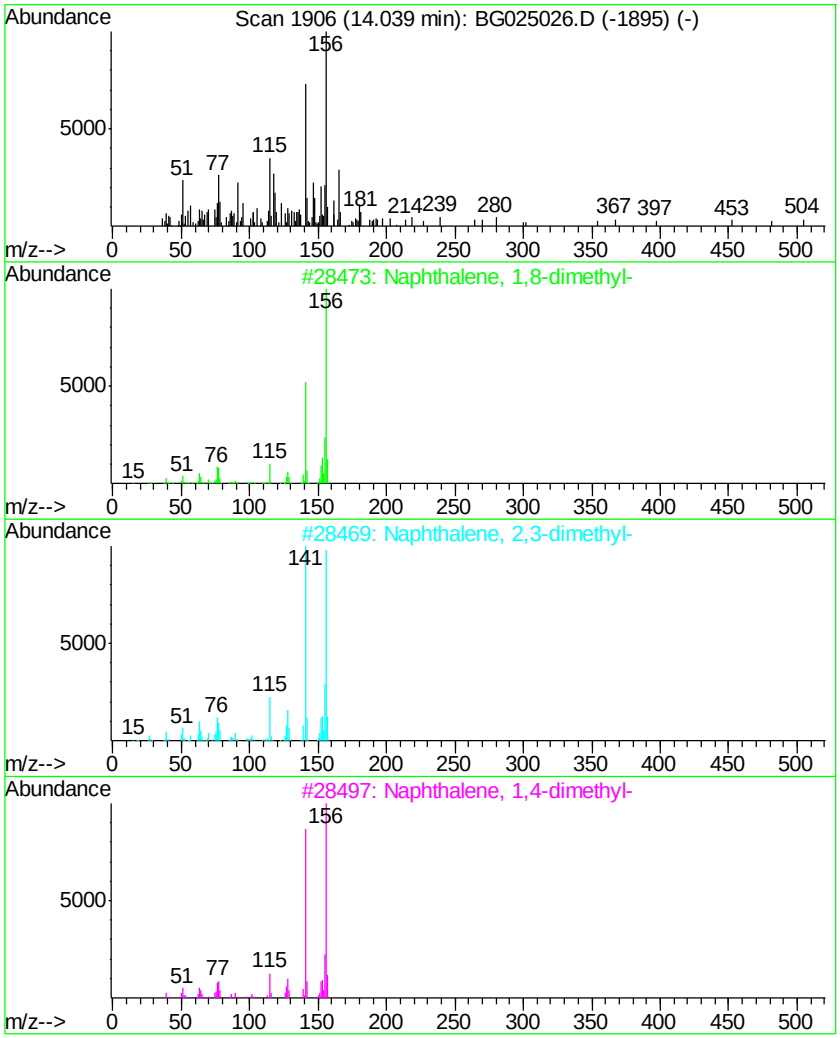
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

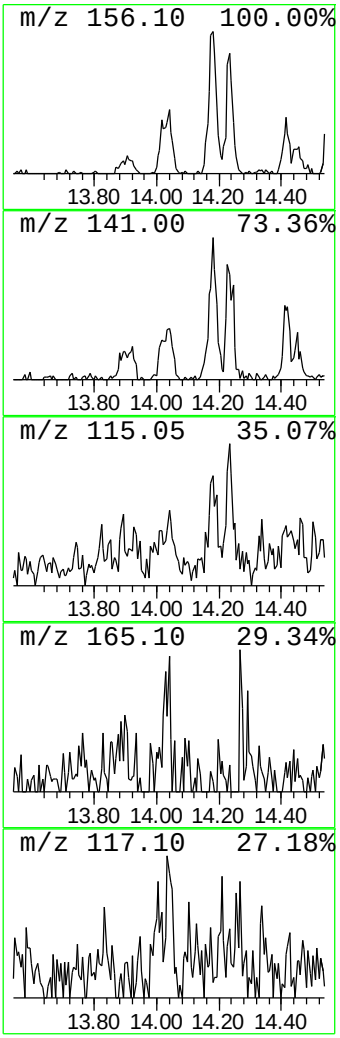
****

Peak Number 3 Naphthalene, 1,8-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	2.40 ng/ul	199078	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	64
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	64
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	64
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	64
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	60





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

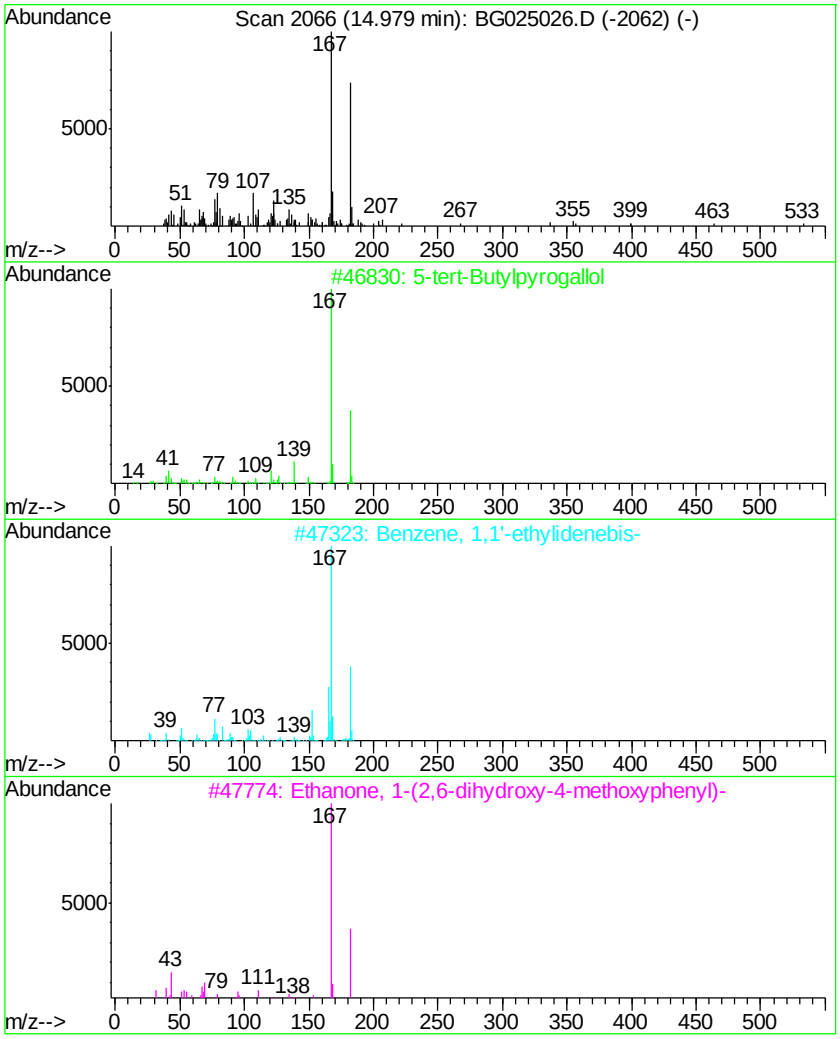
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

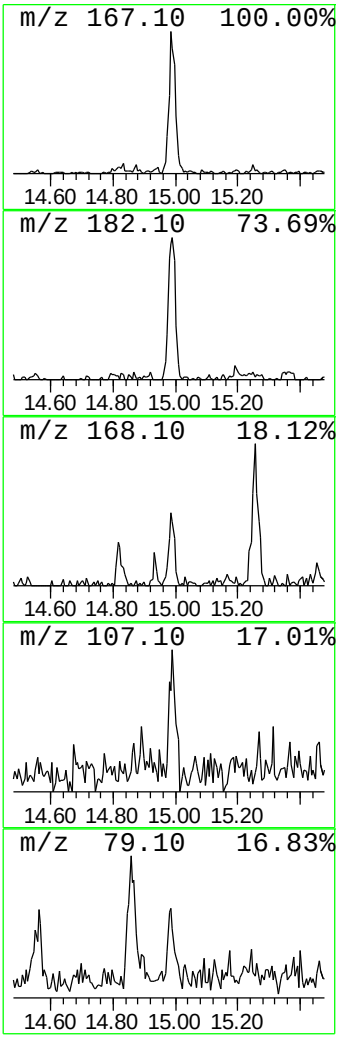
****

Peak Number 4 5-tert-Butylpyrogallol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	2.30 ng/ul	190860	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-tert-Butylpyrogallol	182	C10H14O3	020481-17-8	86
2	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	86
3	Ethanone, 1-(2,6-dihydroxy-4-met...	182	C9H10O4	007507-89-3	80
4	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	78
5	Phenol, 3-[(trimethylsilyl)oxy]-	182	C9H14O2Si	017882-01-8	78





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

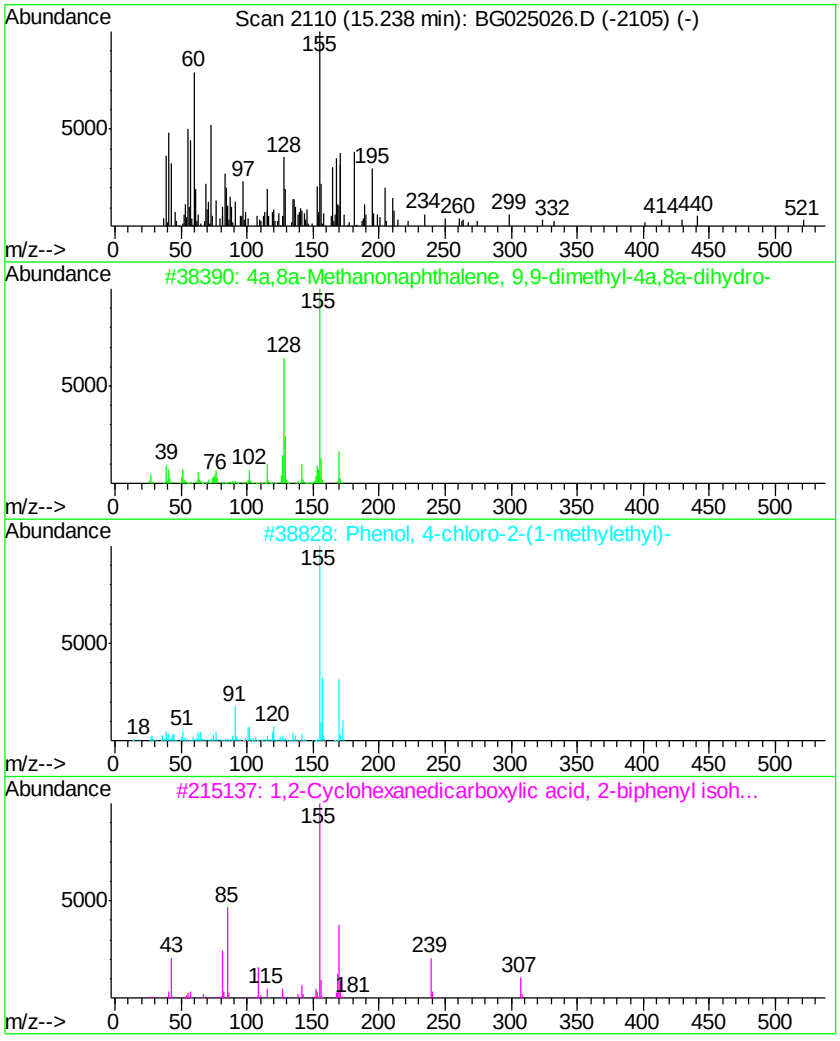
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

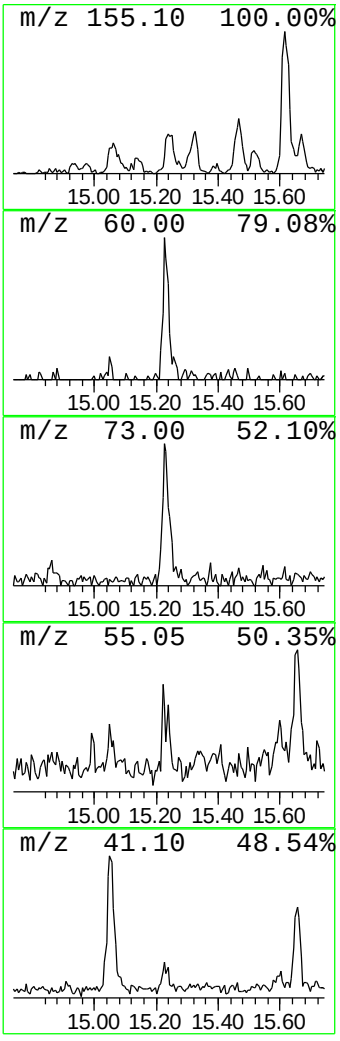
****

Peak Number 5 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	2.27 ng/ul	189054	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	27
2	Phenol, 4-chloro-2-(1-methylethyl)-	170	C9H11ClO	054461-05-1	27
3	1,2-Cyclohexanedicarboxylic acid...	408	C26H32O4	1000339-59-6	27
4	5,9-Methano-5H-benzocycloheptene...	234	C12H11Br	1000142-92-2	22
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

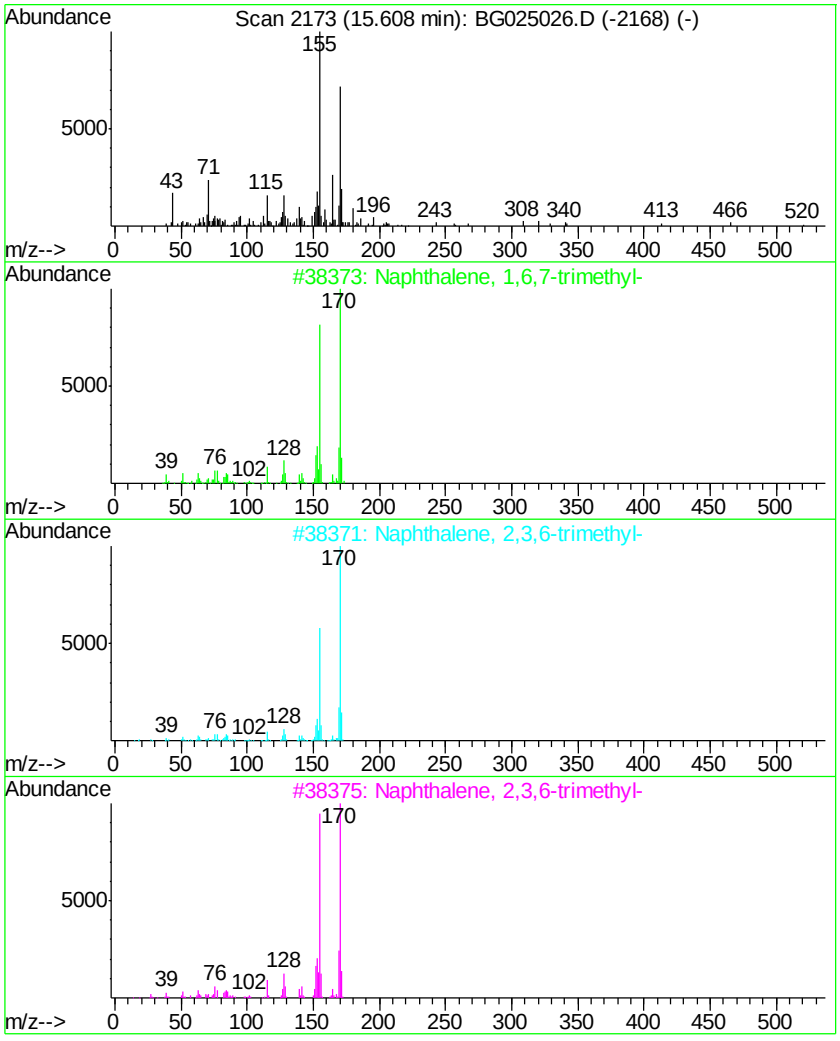
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

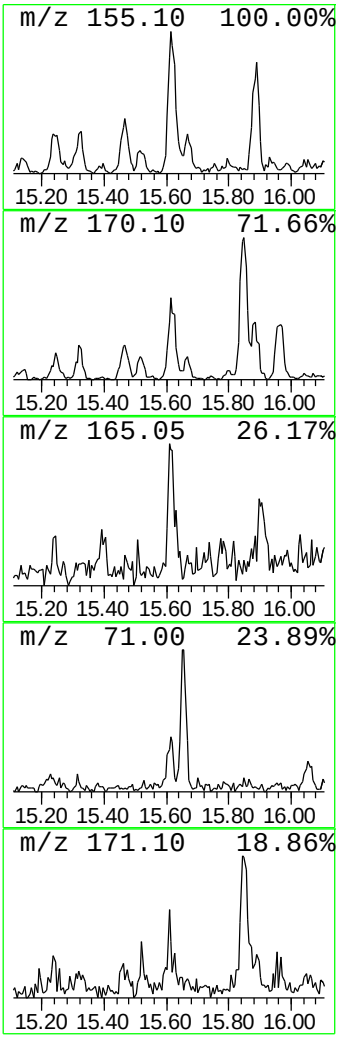
****

Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	2.87 ng/ul	238639	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	72
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	72
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	72
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	72
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

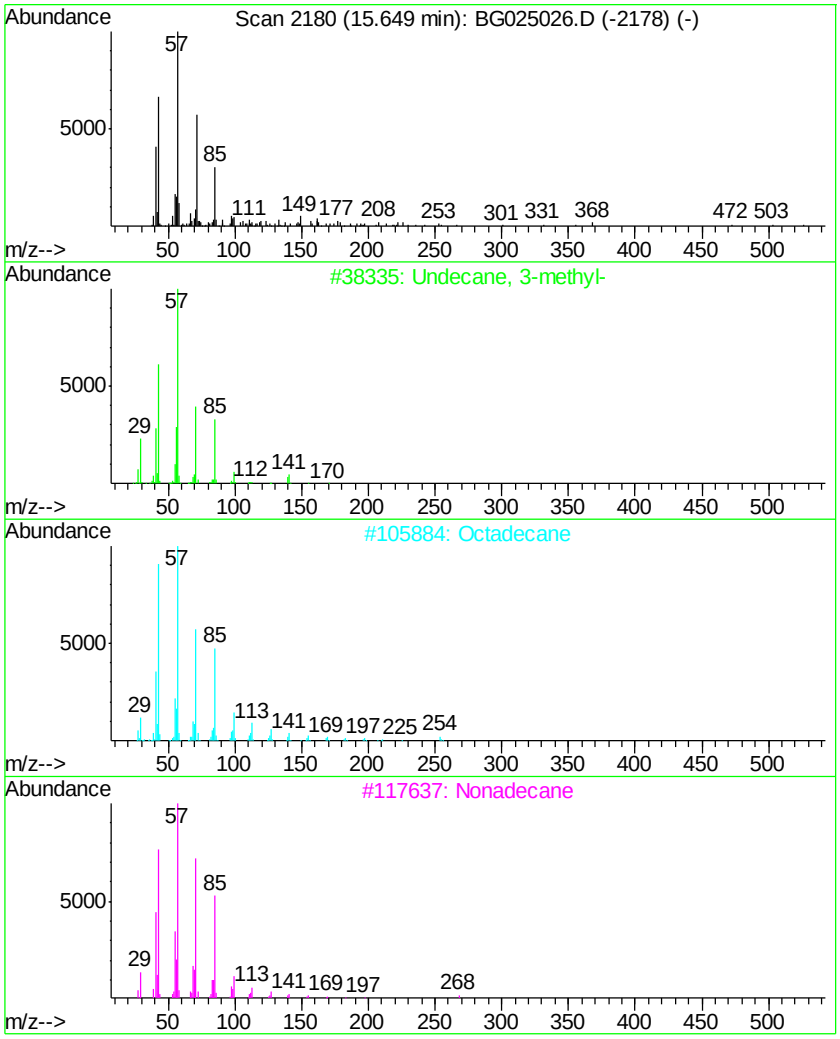
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

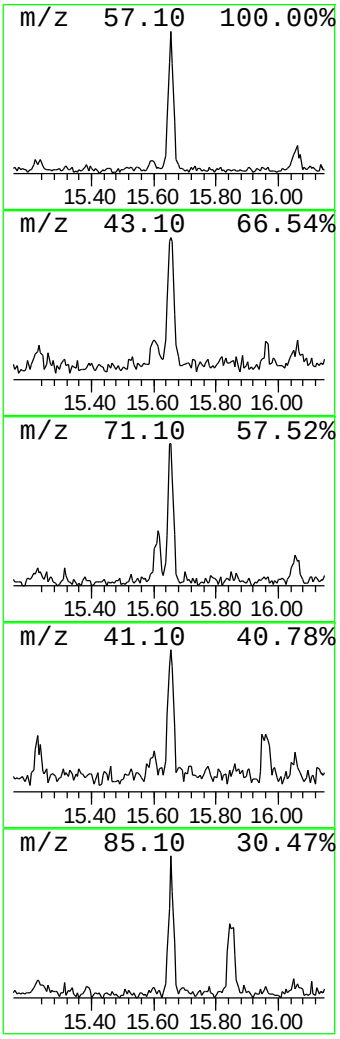
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	2.94 ng/ul	244641	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
2	Octadecane	254	C18H38	000593-45-3	59
3	Nonadecane	268	C19H40	000629-92-5	59
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	59
5	Octadecane, 5-methyl-	268	C19H40	025117-35-5	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

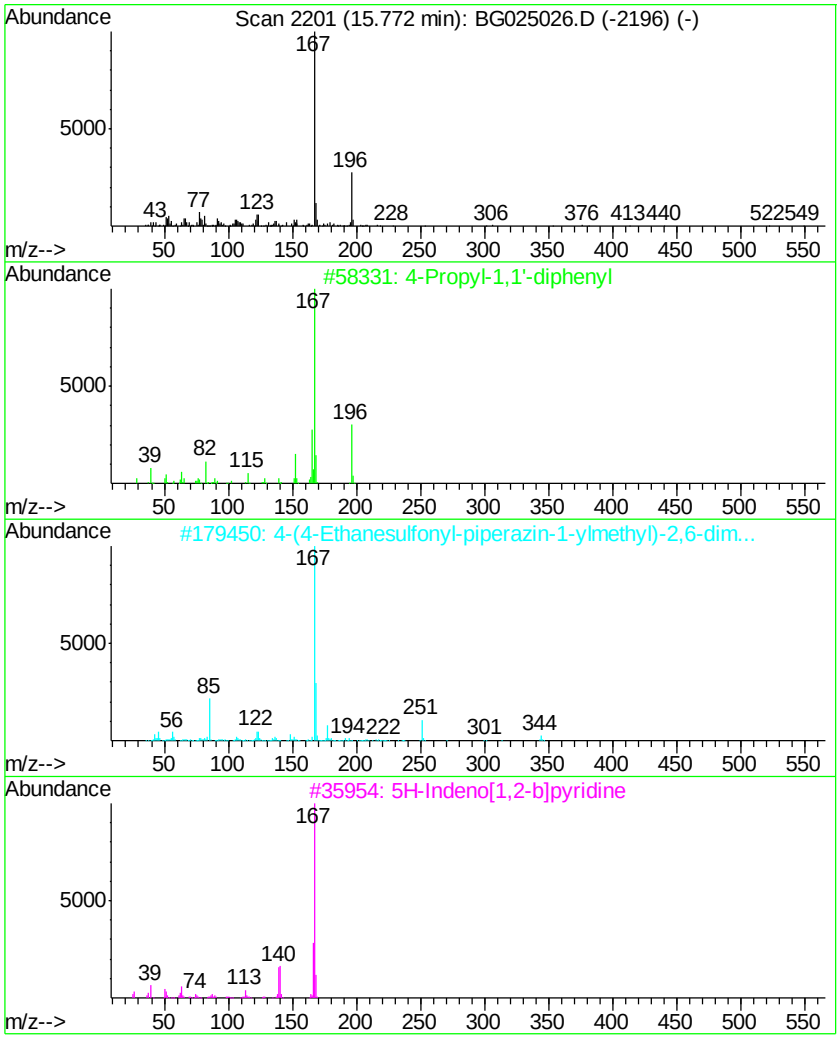
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

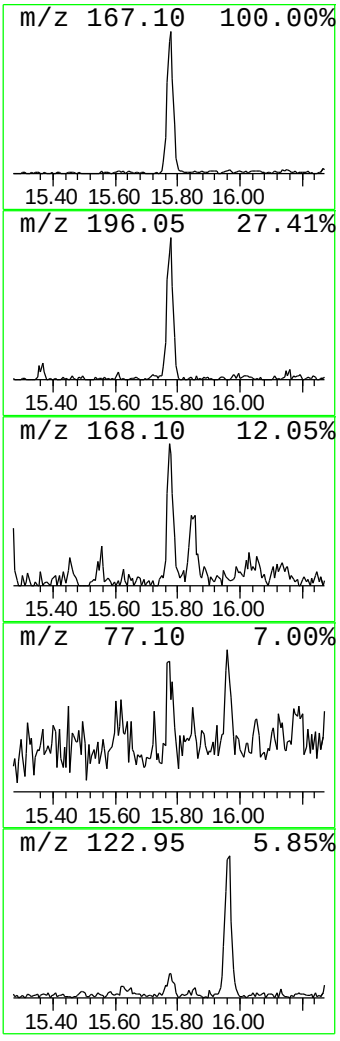
****

Peak Number 8 4-Propyl-1,1'-diphenyl Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	3.18 ng/ul	264398	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Propyl-1,1'-diphenyl	196	C15H16	010289-45-9	56
2	4-(4-Ethanesulfonyl-piperazin-1-...	344	C15H24N2O5S	1000297-27-7	40
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	40
4	4H-1,3,2-Dioxaborin, 2-ethyl-4-m...	210	C12H23BO2	074421-11-7	40
5	Benzene, 1,1'-[(2-phenylethoxy)m...	288	C21H20O	067810-88-2	40





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

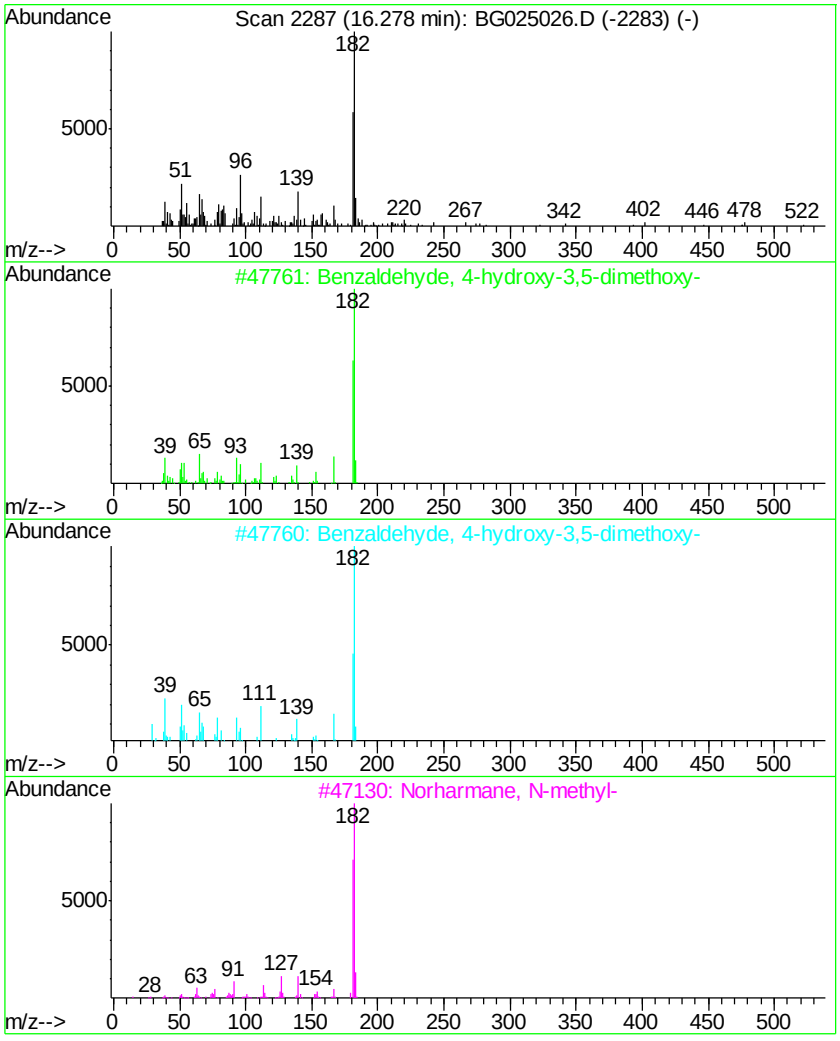
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

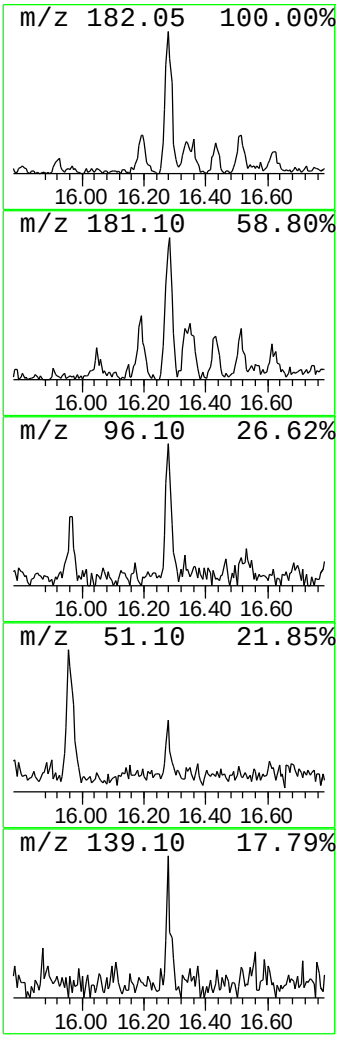
****

Peak Number 9 Benzaldehyde, 4-hydroxy-3,5... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	2.07 ng/ul	212529	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	72
2	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	59
3	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	53
4	3,4-Dimethoxy-5-hydroxybenzaldehyde	182	C9H10O4	029865-90-5	53
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z7

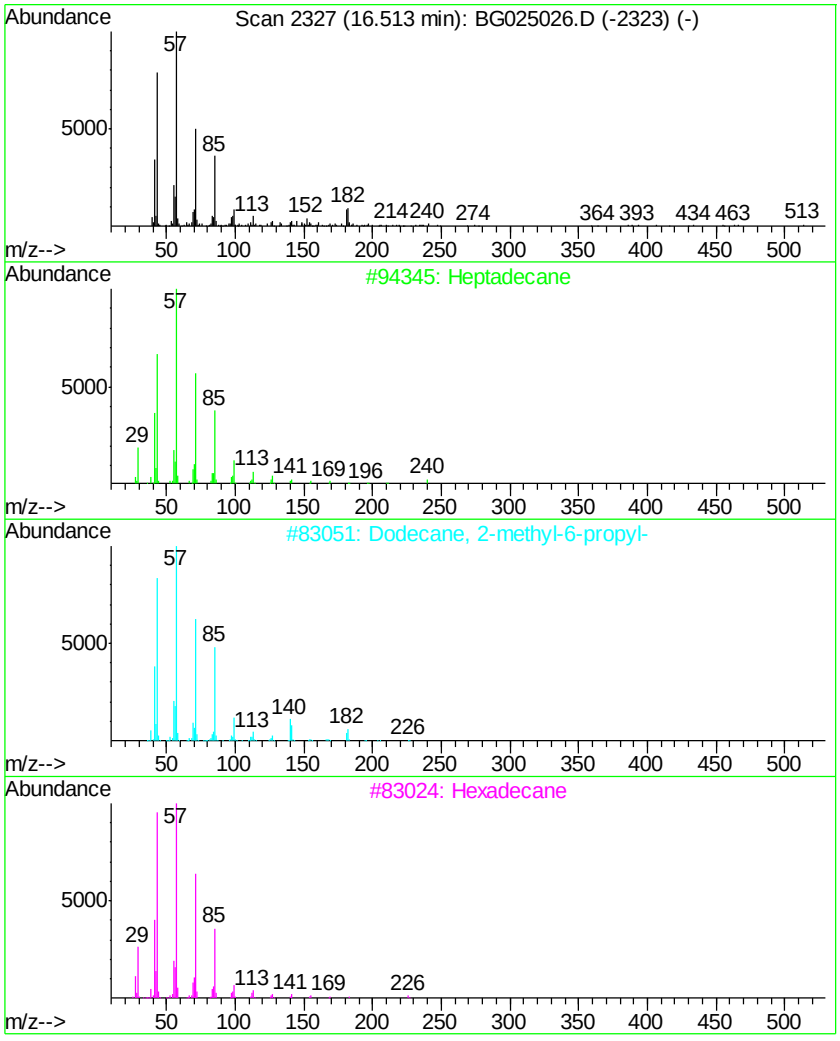
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

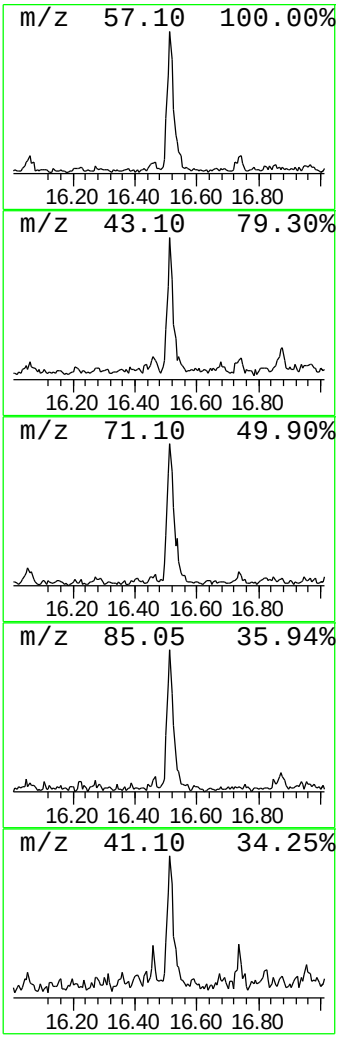
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	3.60 ng/ul	369661	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3	Hexadecane	226	C16H34	000544-76-3	68
4	Hexadecane	226	C16H34	000544-76-3	64
5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

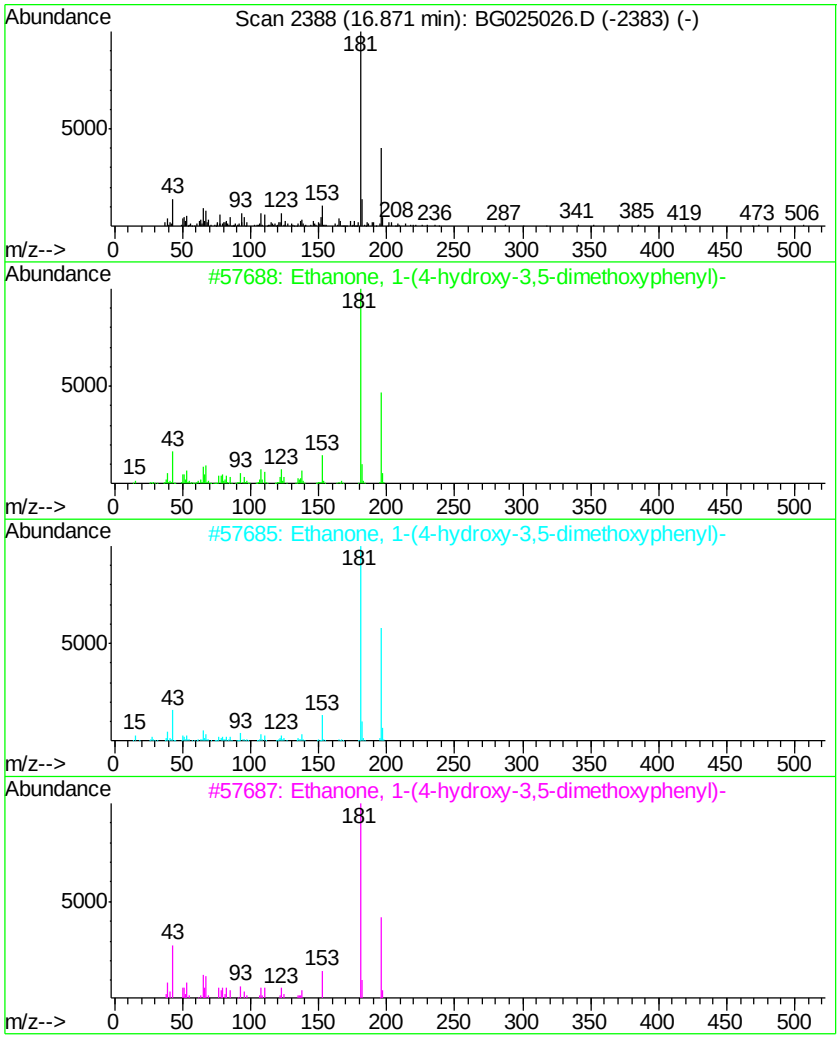
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

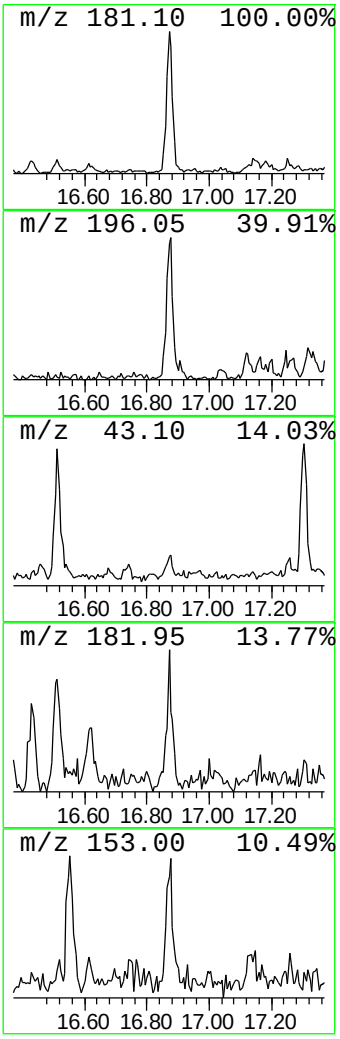
****

Peak Number 11 Ethanone, 1-(4-hydroxy-3,5-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	3.80 ng/ul	390287	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	90
2	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	87
3	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	81
4	Xanthoxylin	196	C10H12O4	000090-24-4	74
5	2-t-Butylthieno[2,3-b]thiophene	196	C10H12S2	1000250-49-6	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

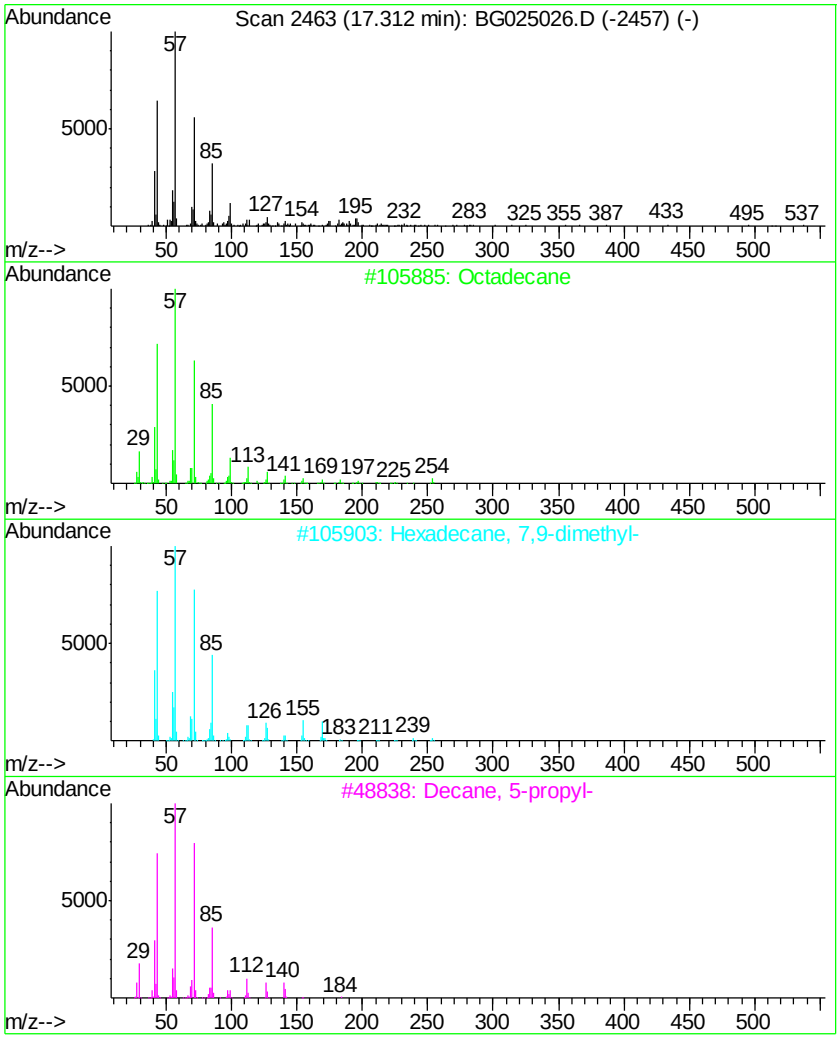
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

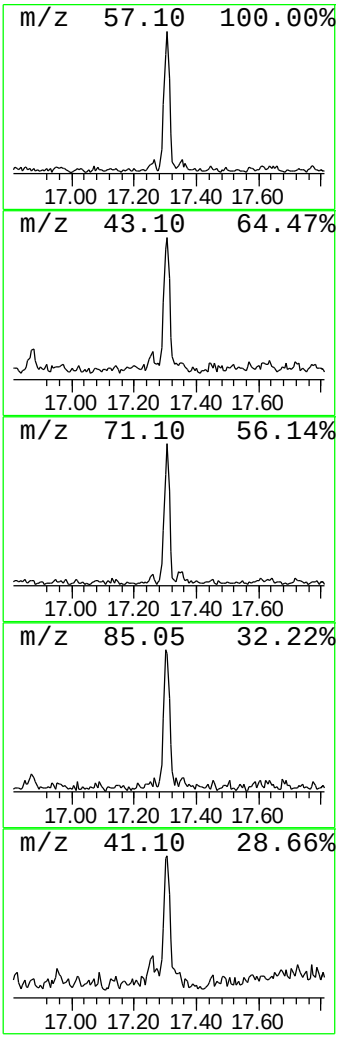
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	4.36 ng/ul	447645	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	83
2	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	80
3	Decane, 5-propyl-	184	C13H28	017312-62-8	74
4	Undecane	156	C11H24	001120-21-4	74
5	Hexadecane	226	C16H34	000544-76-3	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z7

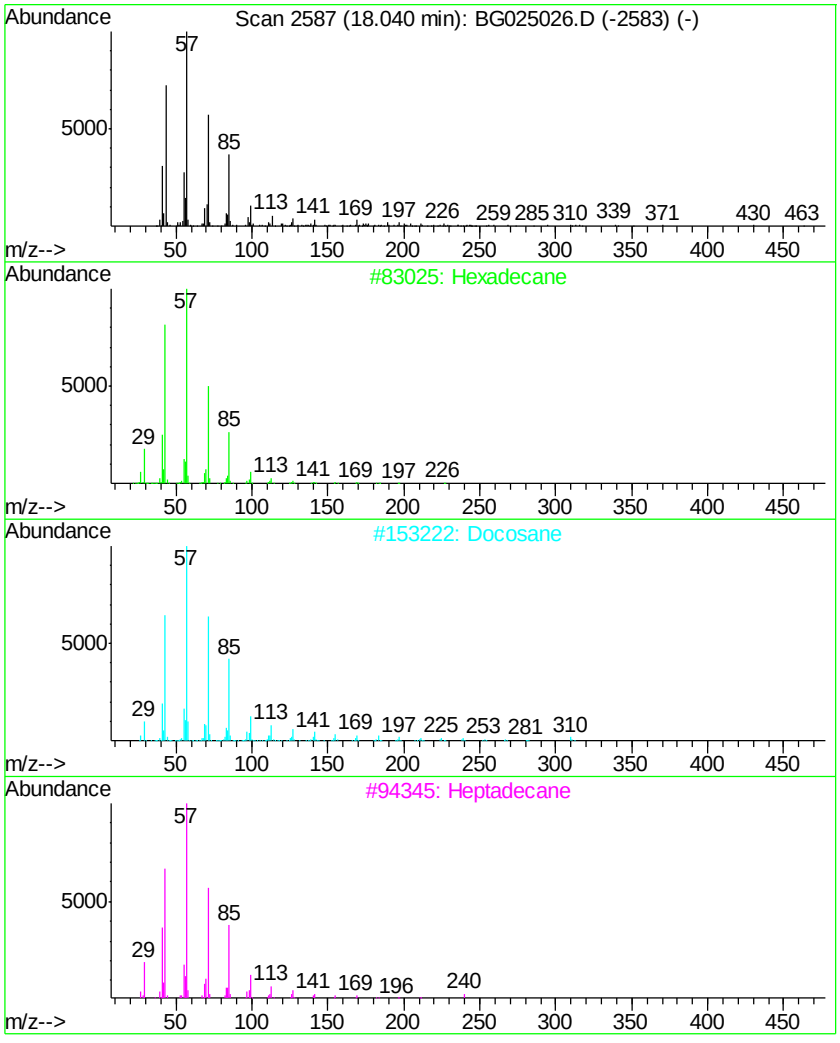
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

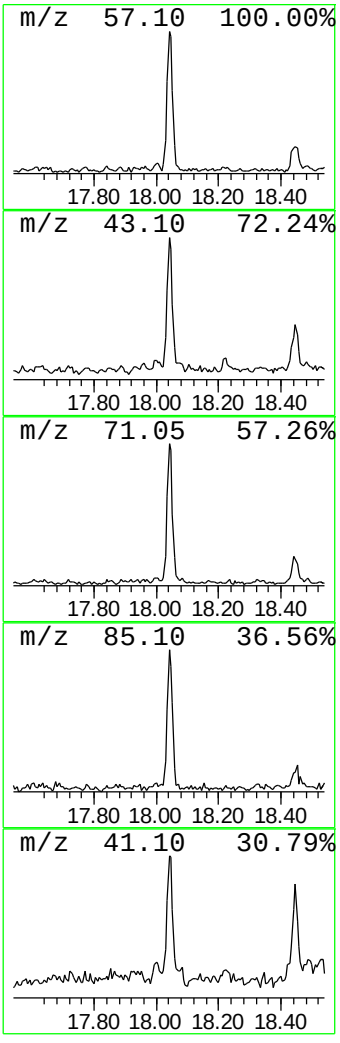
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	6.06 ng/ul	622145	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Docosane	310	C22H46	000629-97-0	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

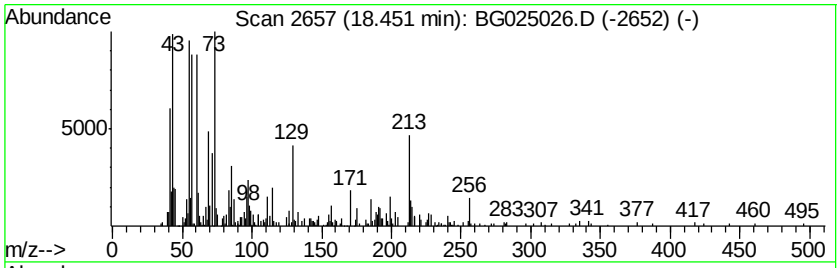
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

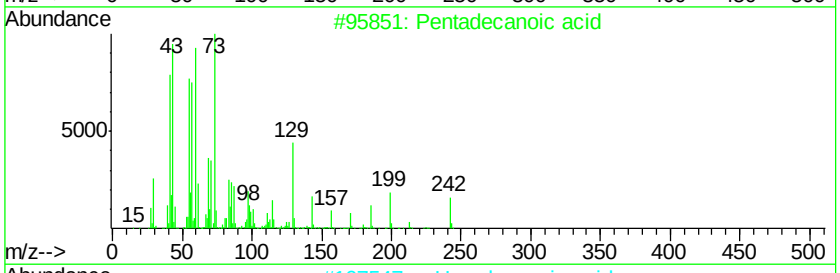
****

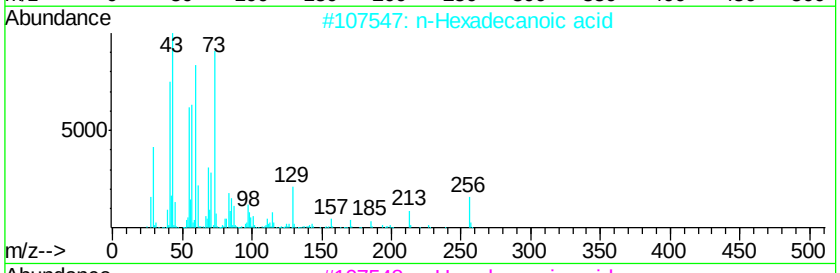
Peak Number 14 Pentadecanoic acid Concentration Rank 11

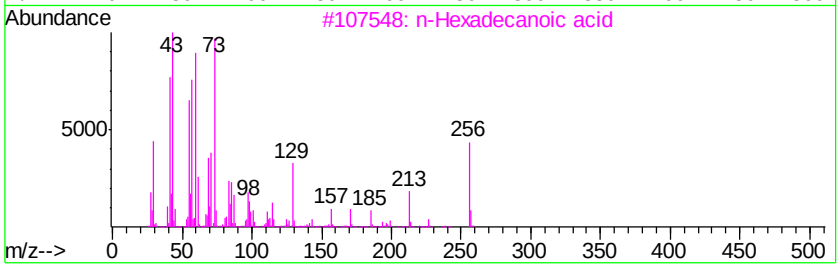
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	3.46 ng/ul	355310	Phenanthrene-d10	17.61

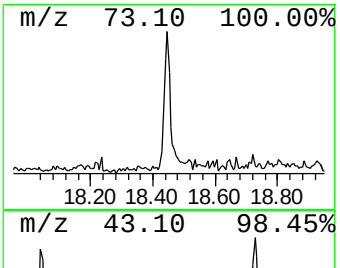
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
5	Methyl 6-O-[1-methylpropyl]-.bet...	250	C11H22O6	1000126-15-7	47

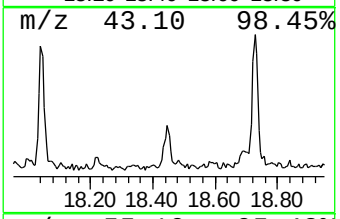


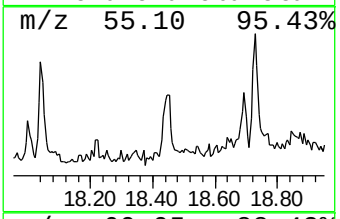


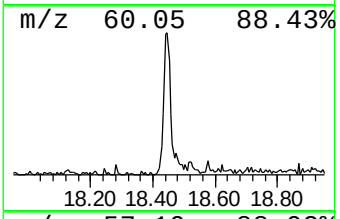


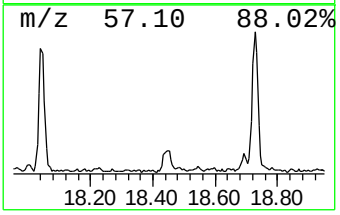












Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

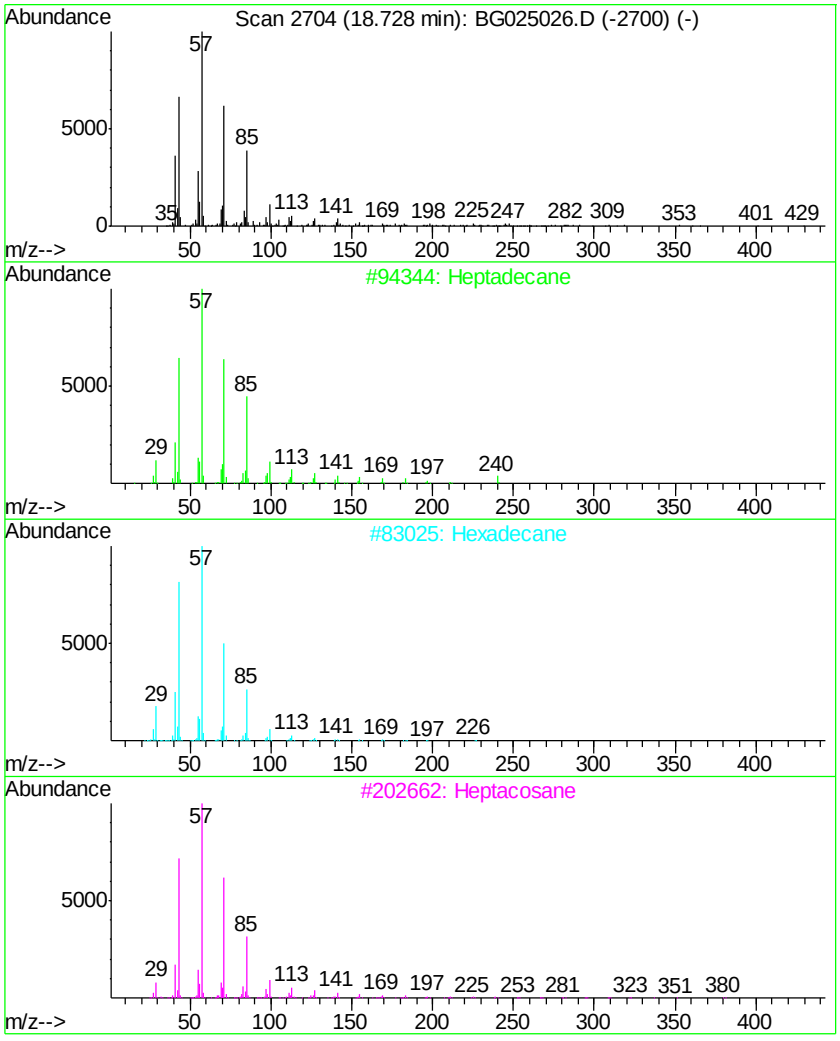
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

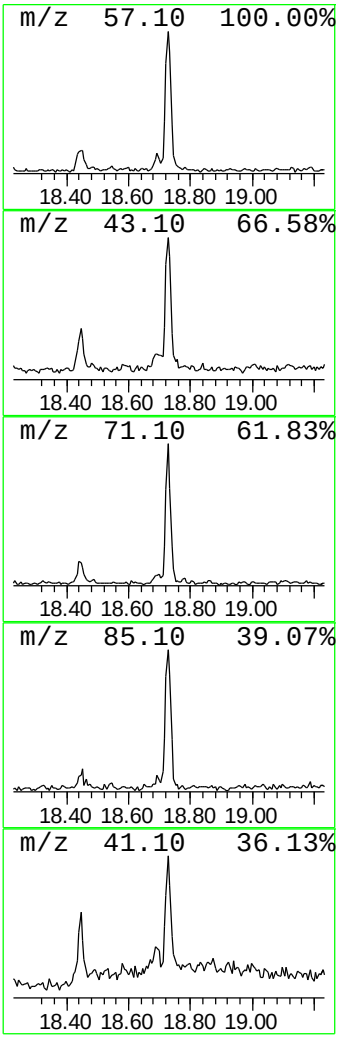
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	4.99 ng/ul	511758	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Pentadecane	212	C15H32	000629-62-9	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z7

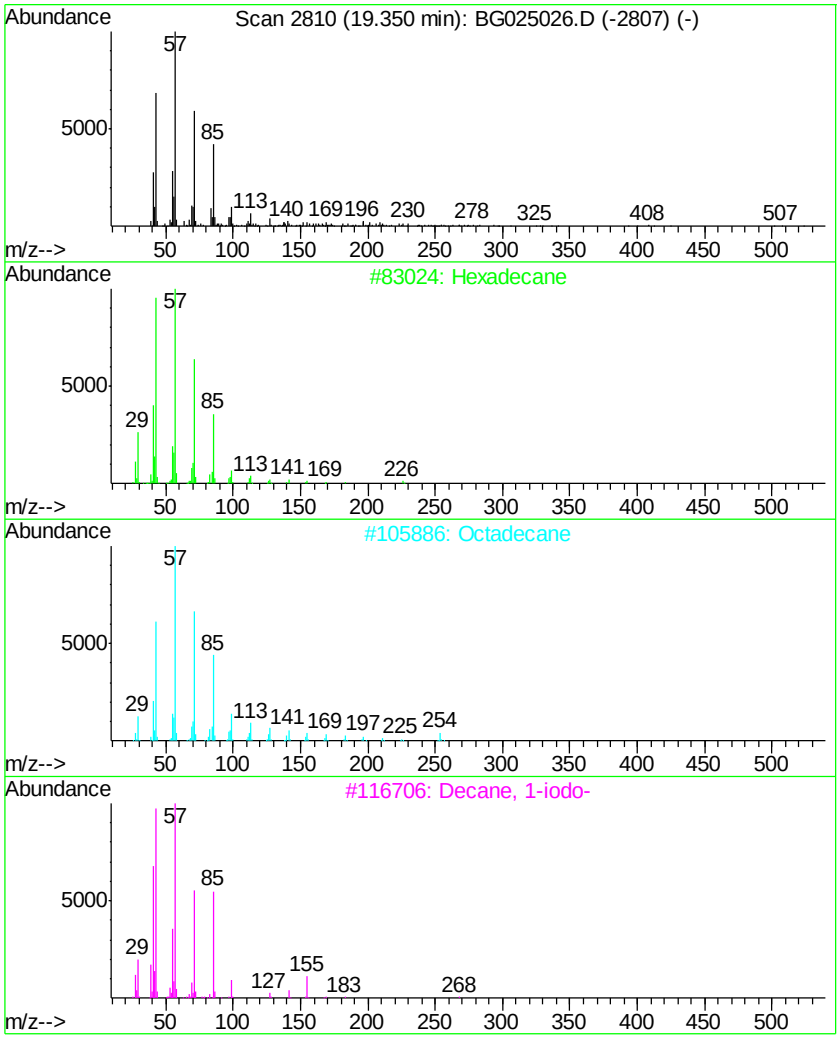
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

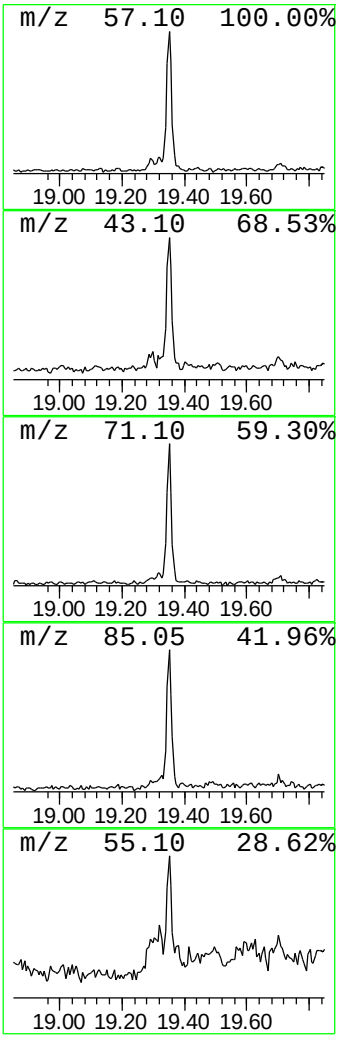
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	6.18 ng/ul	634899	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	92
2	Octadecane	254	C18H38	000593-45-3	91
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	91
4	Heneicosane	296	C21H44	000629-94-7	87
5	Hexadecane	226	C16H34	000544-76-3	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

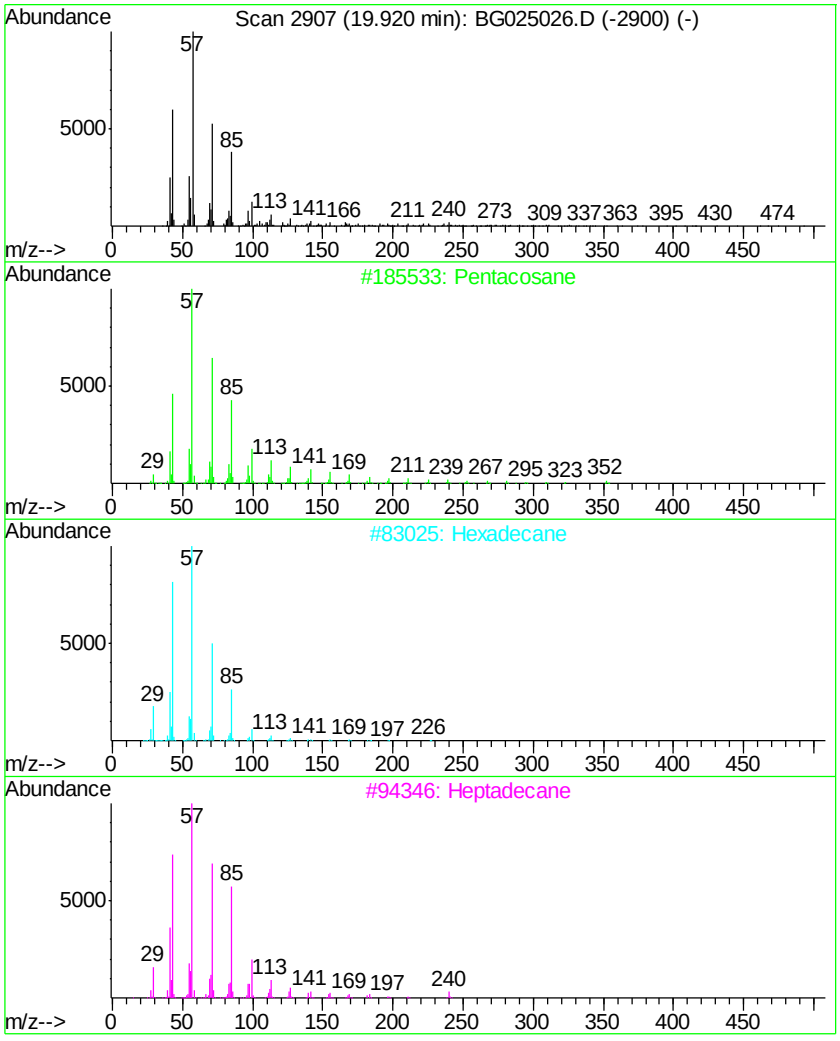
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

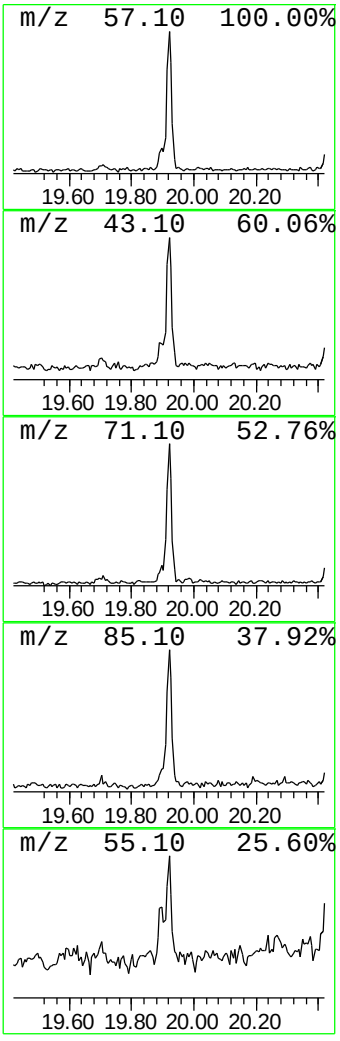
****

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	6.30 ng/ul	762251	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	95
2	Hexadecane	226	C16H34	000544-76-3	94
3	Heptadecane	240	C17H36	000629-78-7	93
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
5	Tricosane	324	C23H48	000638-67-5	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

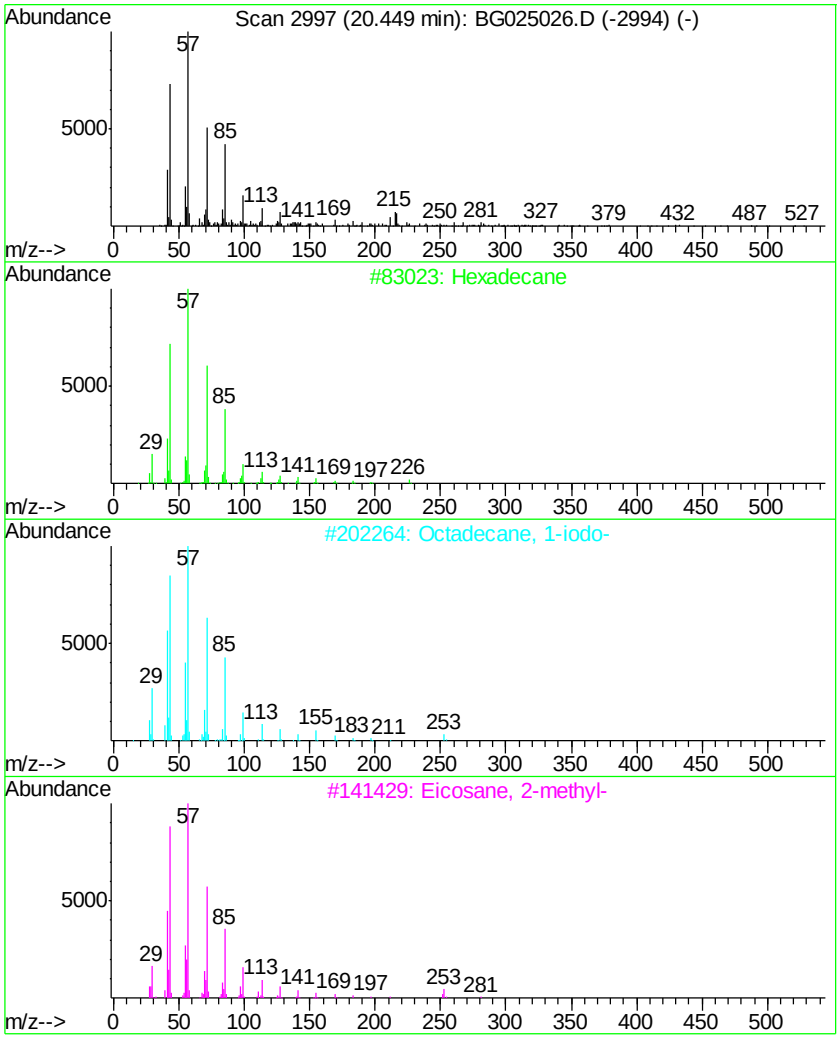
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

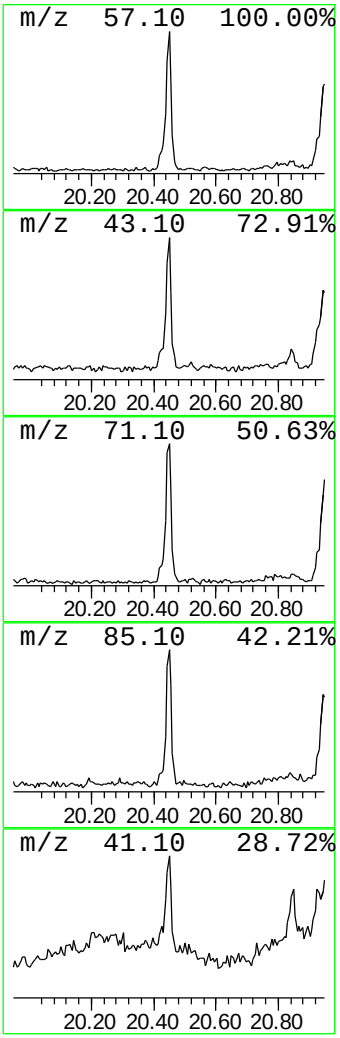
****

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	6.17 ng/ul	746645	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	80
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

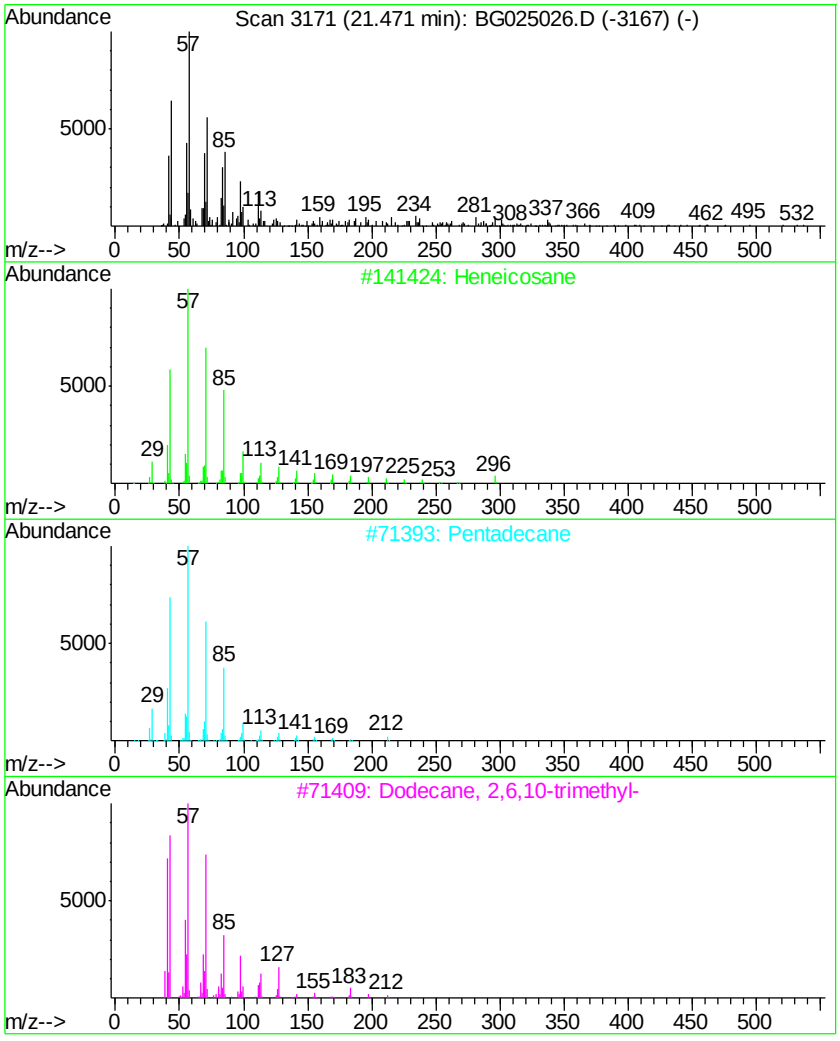
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

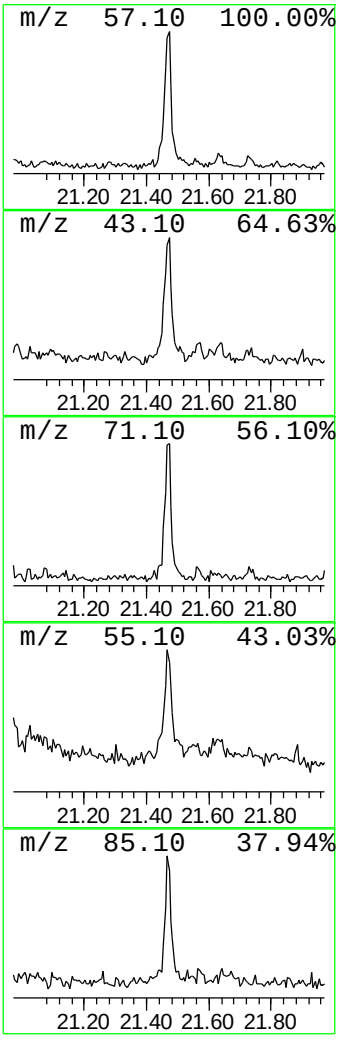
****

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	3.99 ng/ul	482760	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	64
2	Pentadecane	212	C15H32	000629-62-9	64
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	60
4	Tetracosane	338	C24H50	000646-31-1	58
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

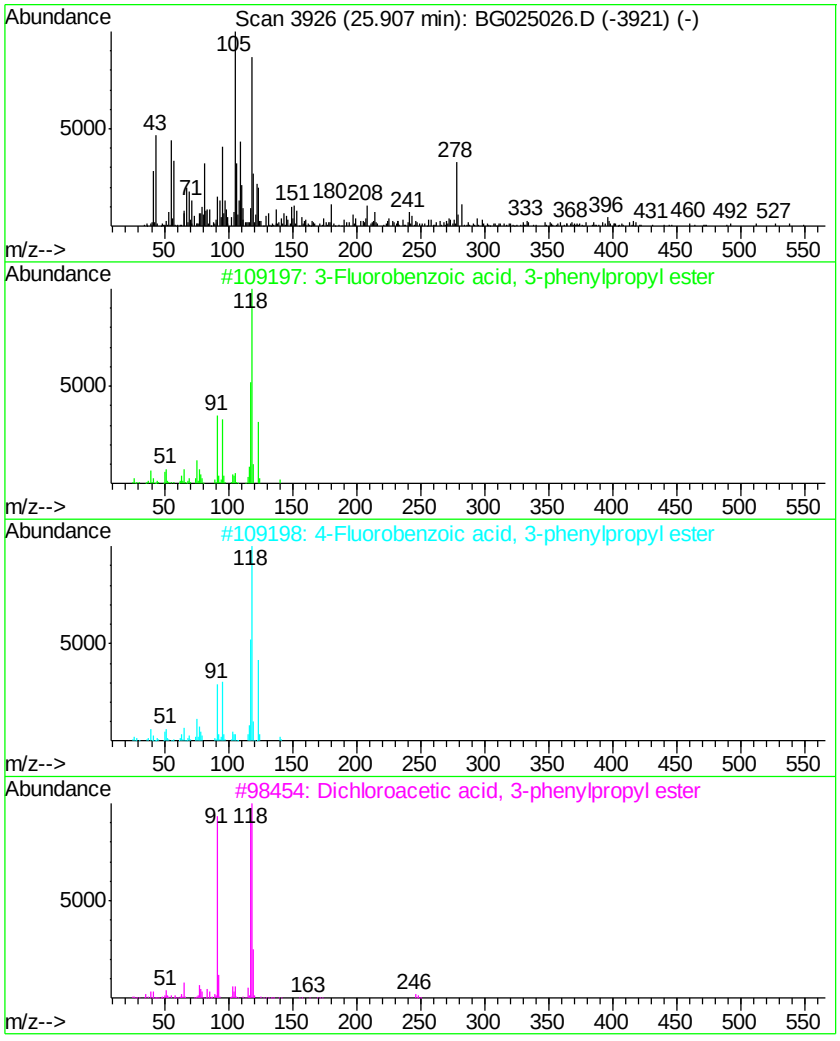
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

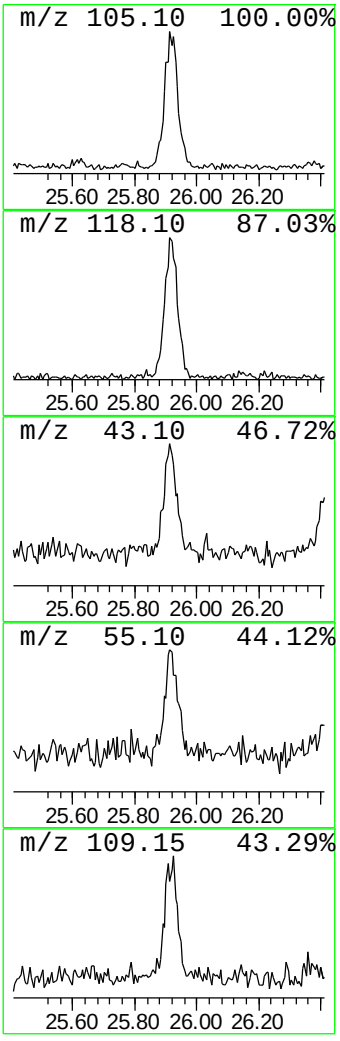
****

Peak Number 20 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.91	10.45 ng/ul	1098060	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Fluorobenzoic acid, 3-phenylpr...	258	C16H15FO2	1000279-05-0	32
2	4-Fluorobenzoic acid, 3-phenylpr...	258	C16H15FO2	090172-20-6	32
3	Dichloroacetic acid, 3-phenylpro...	246	C11H12Cl2O2	087228-47-5	30
4	N-(3-Phenylbutyl)-undecafluor-h...	445	C16H14F11NO	077970-70-8	27
5	N-(3-Phenylbutyl)-pentadeacafluo...	545	C18H14F15NO	077970-71-9	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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
Phenol, 4-ethyl-2...	12.21	2.8	ng/ul	141164	2	11.07	1000170	20.0
Naphthalene, 1,8-...	14.04	2.4	ng/ul	199078	3	14.86	1662040	20.0
5-tert-Butylpyrog...	14.98	2.3	ng/ul	190860	3	14.86	1662040	20.0
unknown-01	15.24	2.3	ng/ul	189054	3	14.86	1662040	20.0
Naphthalene, 1,6,...	15.61	2.9	ng/ul	238639	3	14.86	1662040	20.0
(DEL) Alkane: Str...	15.65	2.9	ng/ul	244641	3	14.86	1662040	20.0
4-Propyl-1,1'-dip...	15.77	3.2	ng/ul	264398	3	14.86	1662040	20.0
Benzaldehyde, 4-h...	16.28	2.1	ng/ul	212529	4	17.61	2053050	20.0
(DEL) Alkane: Str...	16.51	3.6	ng/ul	369661	4	17.61	2053050	20.0
Ethanone, 1-(4-hy...	16.87	3.8	ng/ul	390287	4	17.61	2053050	20.0
(DEL) Alkane: Str...	17.31	4.4	ng/ul	447645	4	17.61	2053050	20.0
(DEL) Alkane: Str...	18.04	6.1	ng/ul	622145	4	17.61	2053050	20.0
Pentadecanoic acid	18.45	3.5	ng/ul	355310	4	17.61	2053050	20.0
(DEL) Alkane: Str...	18.73	5.0	ng/ul	511758	4	17.61	2053050	20.0
(DEL) Alkane: Str...	19.35	6.2	ng/ul	634899	4	17.61	2053050	20.0
(DEL) Alkane: Str...	19.92	6.3	ng/ul	762251	5	21.90	2420980	20.0
(DEL) Alkane: Str...	20.45	6.2	ng/ul	746645	5	21.90	2420980	20.0
(DEL) Alkane: Str...	21.47	4.0	ng/ul	482760	5	21.90	2420980	20.0
unknown-02	25.91	10.4	ng/ul	1098060	6	25.31	2101200	20.0