LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025201.D
Acq On : 15 Dec 2016 7:26
Operator : UM/SJ
Sample : H5970-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA852

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	3.583	124	127	137	rVB6	15216	32787	1.65%	0.112%
2	5.293	414	418	423	rBV5	13198	21148	1.07%	0.072%
3	6.221	568	576	582	rVB8	6096	20482	1.03%	0.070%
4	6.703	651	658	663	rBV5	6389	17118	0.86%	0.059%
5	7.197	733	742	744	rBV8	7310	18209	0.92%	0.062%
6	7.385	766	774	792	rBV3	231868	516519	26.07%	1.767%
7	7.549	796	802	814	rBV2	155444	271566	13.71%	0.929%
8	7.761	832	838	851	rBV	224818	421224	21.26%	1.441%
9	8.236	911	919	927	rVB	308646	568959	28.72%	1.947%
10	8.859	1020	1025	1032	rBV9	14039	40944	2.07%	0.140%
11	8.942	1032	1039	1048	rVV2	295667	559862	28.26%	1.915%
12	9.071	1057	1061	1070	rVB10	8449	19135	0.97%	0.065%
13	9.412	1112	1119	1129	rVV2	238626	462451	23.34%	1.582%
14	9.500	1130	1134	1139	rVB7	9609	15632	0.79%	0.053%
15	9.788	1180	1183	1190	rVB9	9864	16895	0.85%	0.058%
16	10.011	1215	1221	1225	rBV7	7562	16992	0.86%	0.058%
17	10.140	1234	1243	1252	rBV3	219008	426563	21.53%	1.459%
18	10.222	1253	1257	1259	rBV4	12400	17601	0.89%	0.060%
19	10.452	1290	1296	1299	rBV7	12607	29390	1.48%	0.101%
20	10.516	1306	1307	1313	rVB6	10887	16036	0.81%	0.055%
21	10.610	1318	1323	1328	rBV6	9673	18675	0.94%	0.064%
22	10.681	1328	1335	1346	rBV	317473	635718	32.09%	2.175%
23	10.863	1361	1366	1372	rVV9	10799	18792	0.95%	0.064%
24	10.980	1380	1386	1390	rBV5	18833	32267	1.63%	0.110%
25	11.063	1390	1400	1414	rVB	481895	926822	46.78%	3.171%
26	11.204	1414	1424	1432	rBV3	68117	172079	8.69%	0.589%
27	11.280	1436	1437	1444	rVB6	13783	26250	1.32%	0.090%
28	11.421	1455	1461	1464	rBV6	22037	45106	2.28%	0.154%
29	11.462	1464	1468	1475	rVV5	28238	55217	2.79%	0.189%
30	11.815	1524	1528	1532	rBV6	8067	17008	0.86%	0.058%
31	11.873	1532	1538	1544	rVV8	22419	46694	2.36%	0.160%
32	12.097	1569	1576	1579	rBV8	9908	24774	1.25%	0.085%
33	12.197	1591	1593	1604	rVB10	16619	34463	1.74%	0.118%
34	12.308	1609	1612	1617	rVB4	12493	16647	0.84%	0.057%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025201.D
Acq On : 15 Dec 2016 7:26
Operator : UM/SJ
Sample : H5970-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA852

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	12.414	1626	1630	1639	rBV5	37589	68177	3.44%	0.233%
36	12.608	1661	1663	1673	rVB9	14820	28679	1.45%	0.098%
37	12.702	1673	1679	1682	rBV3	55647	94243	4.76%	0.322%
38	12.737	1683	1685	1690	rVB3	26654	32925	1.66%	0.113%
39	12.861	1697	1706	1710	rVB9	24663	62981	3.18%	0.215%
40	12.919	1712	1716	1723	rVB3	55051	94418	4.77%	0.323%
41	13.007	1723	1731	1733	rBV9	18123	40733	2.06%	0.139%
42	13.096	1743	1746	1754	rVB10	17952	38722	1.95%	0.132%
43	13.207	1758	1765	1770	rBV9	25107	55463	2.80%	0.190%
44	13.266	1772	1775	1779	rVB6	11963	16597	0.84%	0.057%
45	13.348	1783	1789	1793	rBV5	23244	41348	2.09%	0.141%
46	13.442	1804	1805	1812	rVB7	13190	22607	1.14%	0.077%
47	13.548	1816	1823	1832	rBV7	25382	64406	3.25%	0.220%
48	13.636	1832	1838	1843	rBV2	67563	105051	5.30%	0.359%
49	13.895	1876	1882	1890	rBV10	25840	64007	3.23%	0.219%
50	14.036	1896	1906	1914	rBV10	50091	155795	7.86%	0.533%
51	14.130	1917	1922	1924	rBV6	17819	33737	1.70%	0.115%
52	14.177	1924	1930	1935	rVV4	67533	152041	7.67%	0.520%
53	14.247	1935	1942	1947	rVV	666905	1107237	55.88%	3.788%
54	14.294	1947	1950	1956	rVB	275574	385634	19.46%	1.319%
55	14.406	1965	1969	1973	rBV7	27650	48068	2.43%	0.164%
56	14.494	1981	1984	1986	rBV4	16366	15466	0.78%	0.053%
57	14.553	1987	1994	2003	rVB	641565	1121215	56.59%	3.836%
58	14.623	2003	2006	2011	rBV6	36513	43255	2.18%	0.148%
59	14.700	2014	2019	2024	rVB	99199	136413	6.89%	0.467%
60	14.811	2034	2038	2040	rBV3	54738	76252	3.85%	0.261%
61	14.858	2041	2046	2059	rVB	896266	1472008	74.30%	5.036%
62	14.982	2063	2067	2074	rVB3	28490	47717	2.41%	0.163%
63	15.064	2074	2081	2089	rBV	264030	538285	27.17%	1.842%
64	15.228	2104	2109	2120	rVB	49205	146501	7.39%	0.501%
65	15.316	2120	2124	2128	rBV6	29652	53668	2.71%	0.184%
66	15.469	2143	2150	2154	rBV8	39133	79675	4.02%	0.273%
67	15.516	2154	2158	2162	rBV7	35572	62828	3.17%	0.215%
68	15.610	2166	2174	2177	rBV5	97239	212690	10.73%	0.728%
69	15.645	2177	2180	2189	rVB2	148720	222014	11.21%	0.760%
70	15.769	2197	2201	2205	rBV2	62807	91548	4.62%	0.313%
71	15.845	2208	2214	2227	rVB	889782	1499621	75.69%	5.130%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025201.D
Acq On : 15 Dec 2016 7:26
Operator : UM/SJ
Sample : H5970-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA852

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	15.969	2230	2235	2243	rVB2	351676	510406	25.76%	1.746%
73	16.092	2253	2256	2262	rBV7	24486	40190	2.03%	0.137%
74	16.151	2263	2266	2269	rVV5	18682	29185	1.47%	0.100%
75	16.274	2284	2287	2293	rVB8	34171	52539	2.65%	0.180%
76	16.450	2311	2317	2321	rBV7	44122	81131	4.09%	0.278%
77	16.503	2322	2326	2330	rBV3	145986	199988	10.09%	0.684%
78	16.544	2331	2333	2339	rVB2	90629	117293	5.92%	0.401%
79	16.680	2352	2356	2359	rBV6	25808	55719	2.81%	0.191%
80	16.727	2362	2364	2368	rVB4	50843	60421	3.05%	0.207%
81	16.873	2385	2389	2398	rVB4	57016	135244	6.83%	0.463%
82	17.249	2449	2453	2457	rBV5	63906	108177	5.46%	0.370%
83	17.296	2457	2461	2465	rVV	138513	164328	8.29%	0.562%
84	17.432	2481	2484	2491	rVB7	46769	73578	3.71%	0.252%
85	17.602	2506	2513	2523	rBV2	1063620	1766156	89.14%	6.042%
86	17.702	2523	2530	2538	rVB	1001457	1527554	77.10%	5.226%
87	18.037	2583	2587	2601	rVB	157302	286195	14.44%	0.979%
88	18.436	2651	2655	2665	rBV3	219235	341395	17.23%	1.168%
89	18.683	2694	2697	2699	rBV4	64998	67684	3.42%	0.232%
90	18.718	2700	2703	2711	rVB	154192	176167	8.89%	0.603%
91	19.341	2806	2809	2817	rVB2	171369	242020	12.22%	0.828%
92	19.882	2899	2901	2904	rBV3	112197	146926	7.42%	0.503%
93	19.911	2904	2906	2910	rVB	234649	254876	12.86%	0.872%
94	19.976	2911	2917	2927	rBV	1274200	1900170	95.91%	6.501%
95	20.440	2989	2996	3002	rVB2	231127	384389	19.40%	1.315%
96	20.916	3074	3077	3079	rBV4	179326	229560	11.59%	0.785%
97	21.462	3166	3170	3176	rVB2	202906	328654	16.59%	1.124%
98	21.897	3237	3244	3251	rVB	1099891	1964143	99.13%	6.720%
99	25.076	3777	3785	3798	rVB2	644733	1981289	100.00%	6.778%
100	25.311	3817	3825	3840	rVB3	610234	1892166	95.50%	6.473%

Sum of corrected areas: 29229593

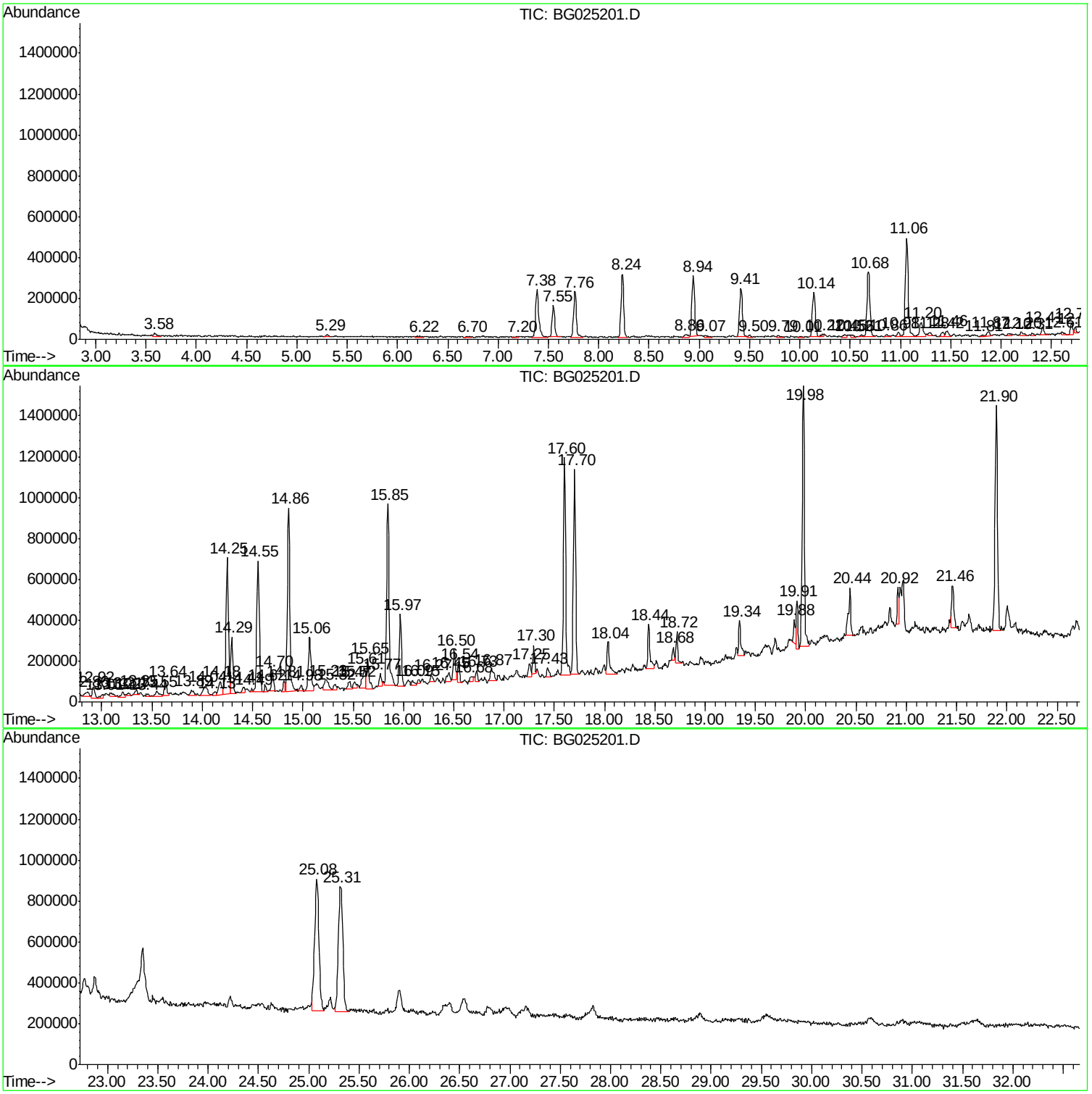
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025201.D
Acq On : 15 Dec 2016 7:26
Operator : UM/SJ
Sample : H5970-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA852

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025201.D
Acq On : 15 Dec 2016 7:26
Operator : UM/SJ
Sample : H5970-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA852

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

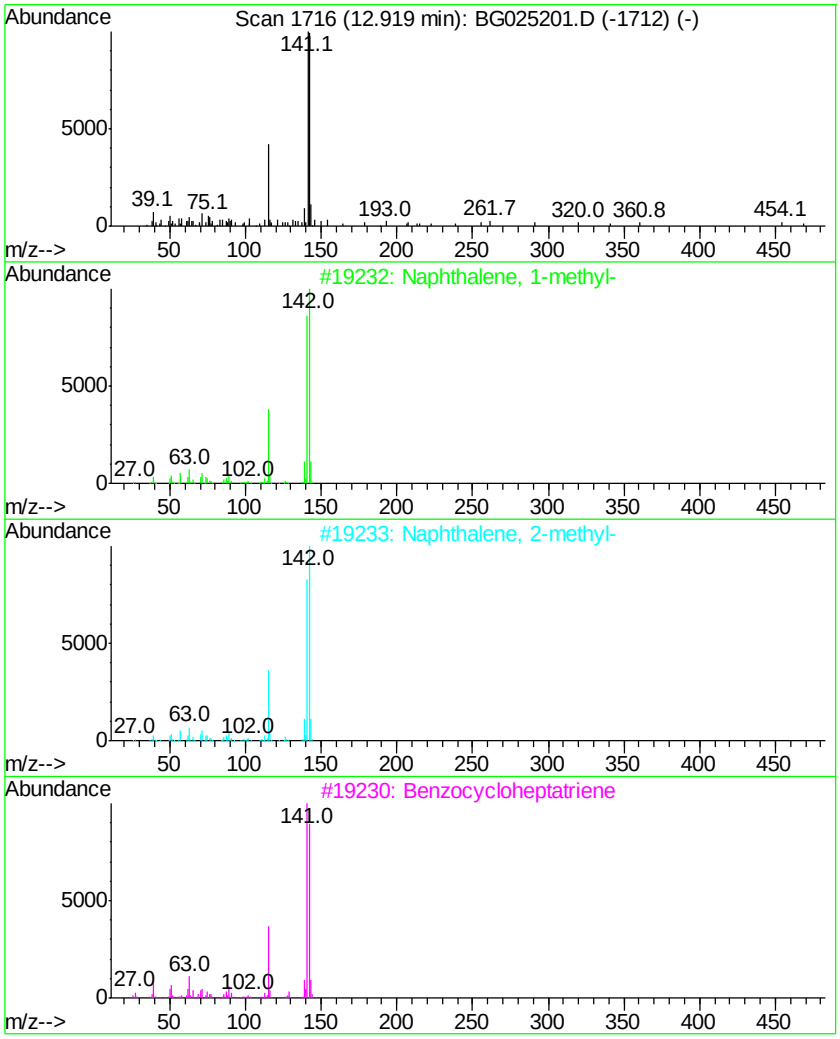
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

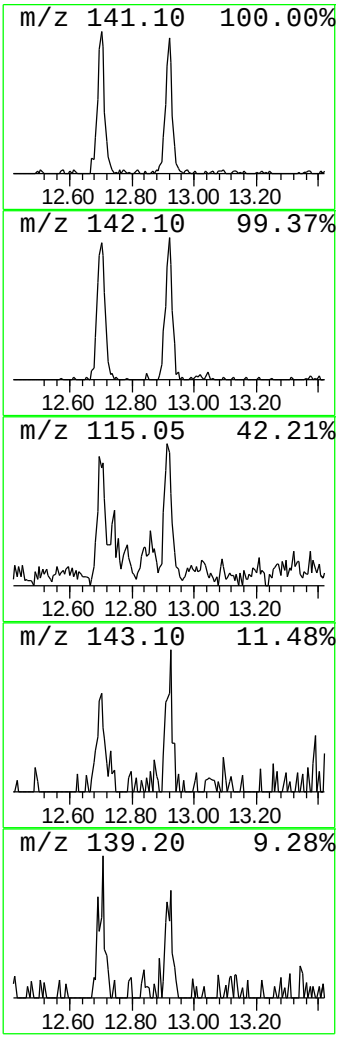
****

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	2.04 ng/ul	94418	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025201.D
Acq On : 15 Dec 2016 7:26
Operator : UM/SJ
Sample : H5970-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA852

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

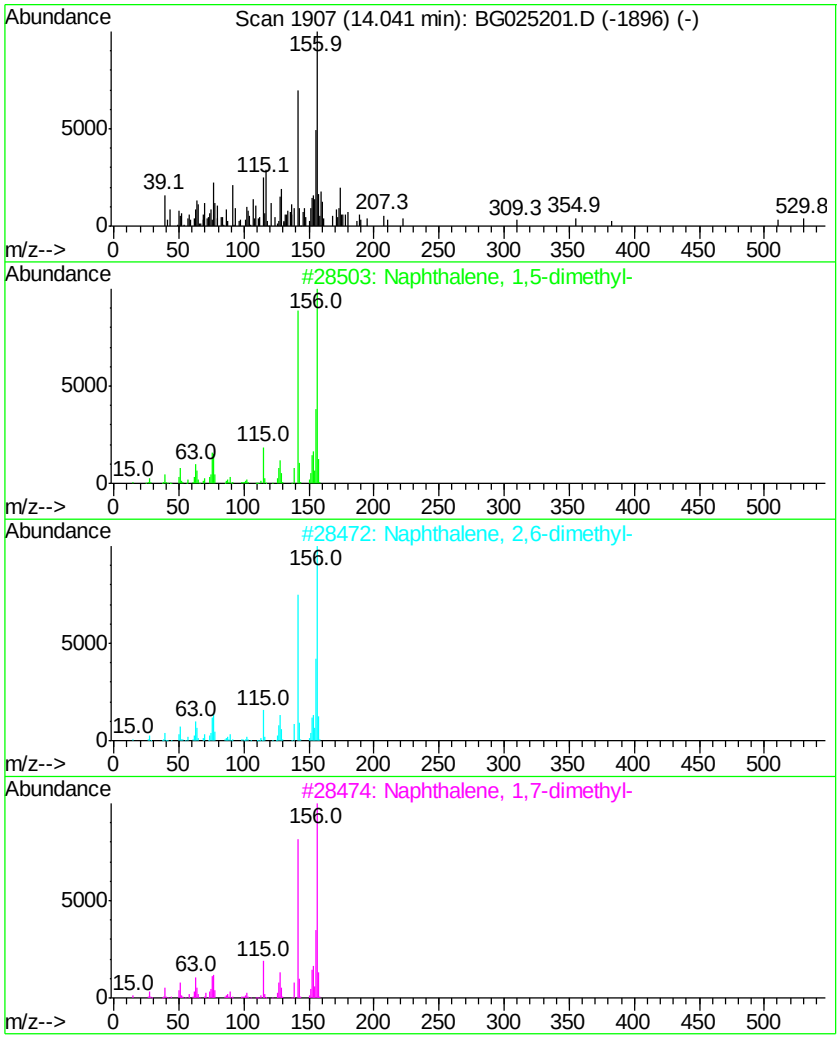
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

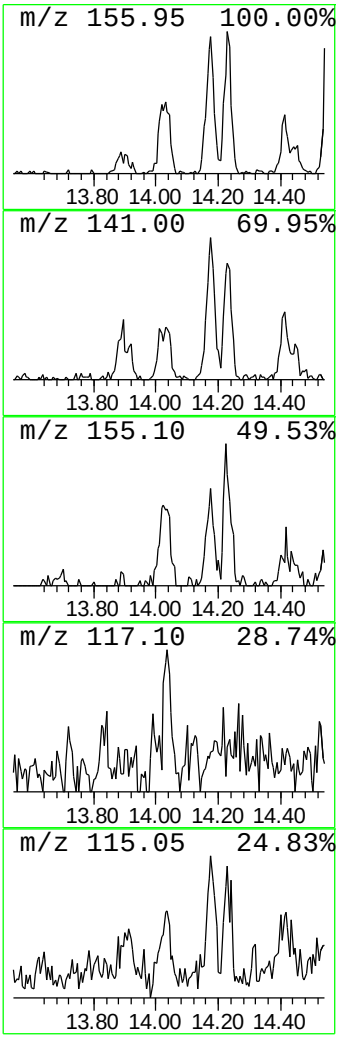
****

Peak Number 2 Naphthalene, 1,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	2.12 ng/ul	155795	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	70
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	70
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	64
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	64
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025201.D
Acq On : 15 Dec 2016 7:26
Operator : UM/SJ
Sample : H5970-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA852

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

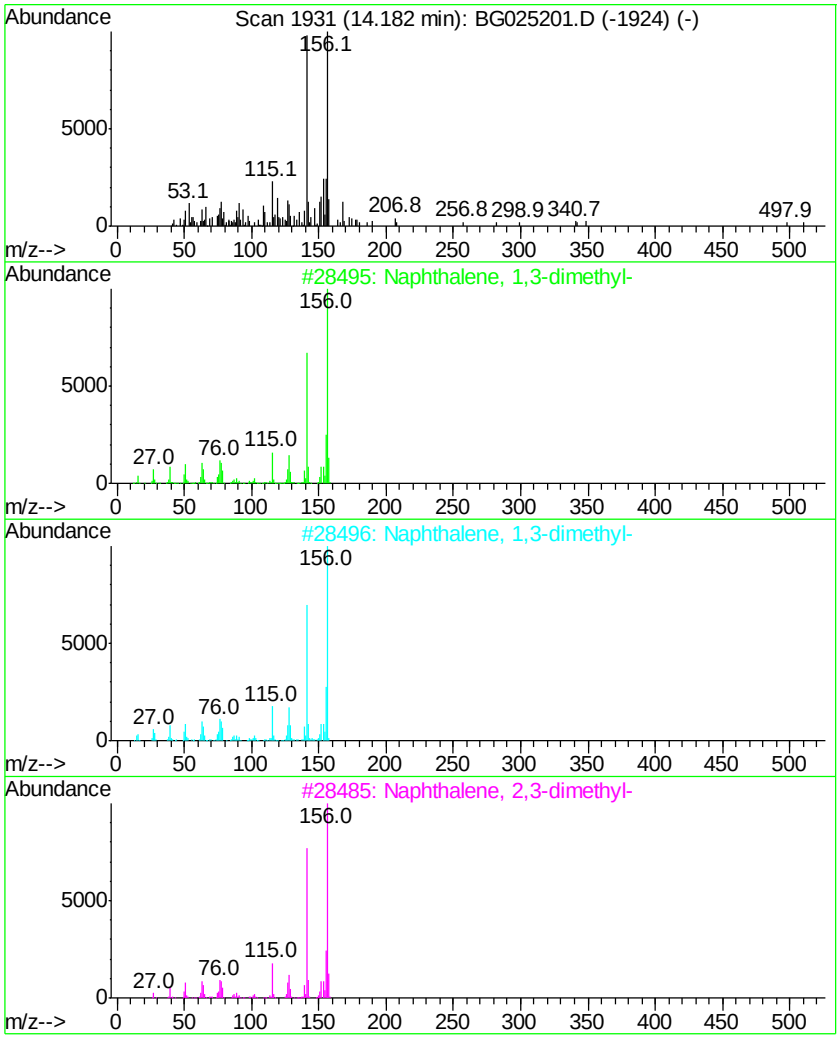
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

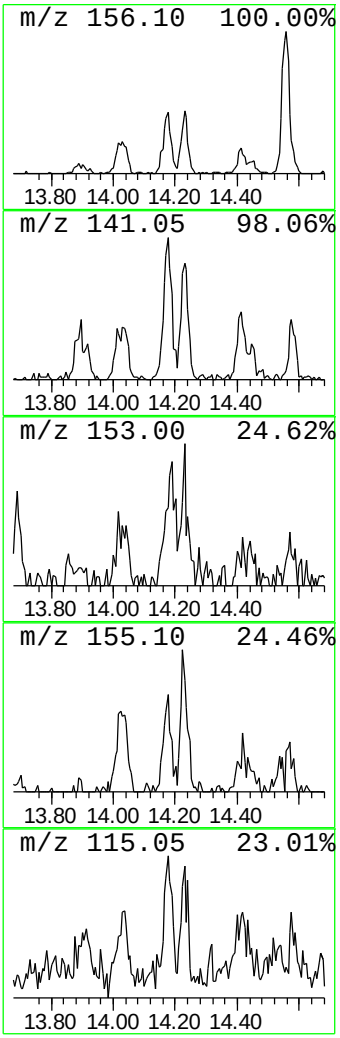
****

Peak Number 3 Naphthalene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	2.07 ng/ul	152041	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025201.D
Acq On : 15 Dec 2016 7:26
Operator : UM/SJ
Sample : H5970-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA852

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

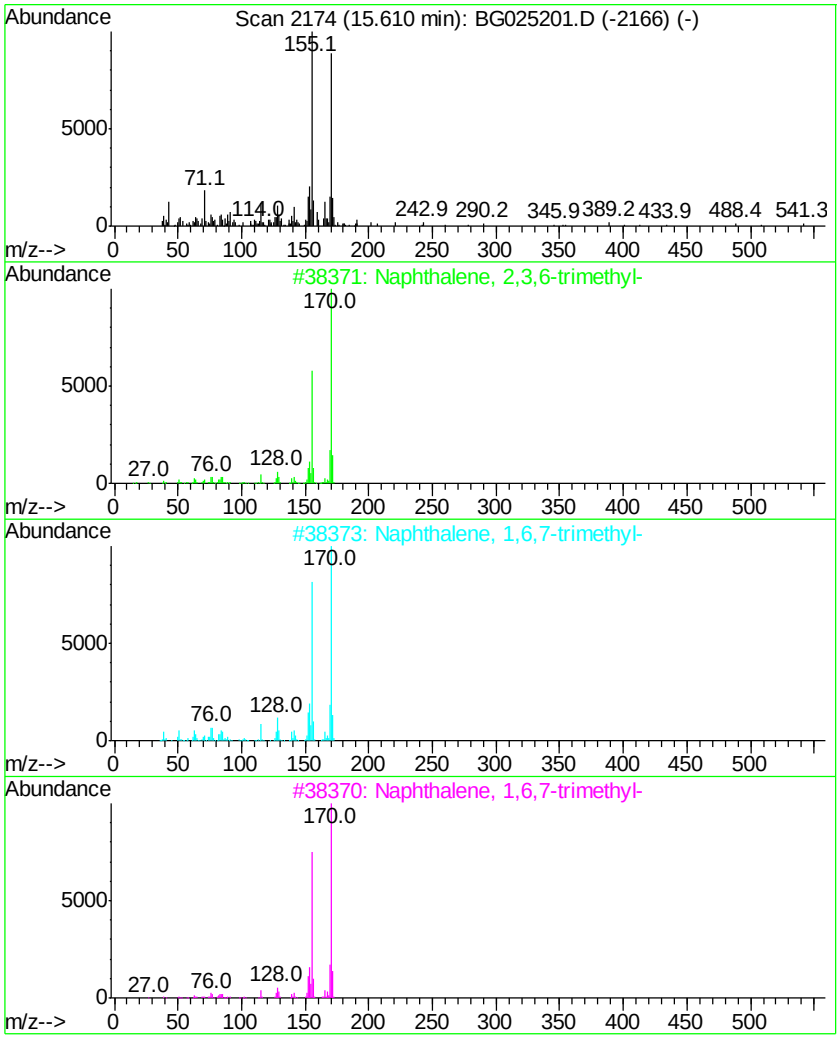
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

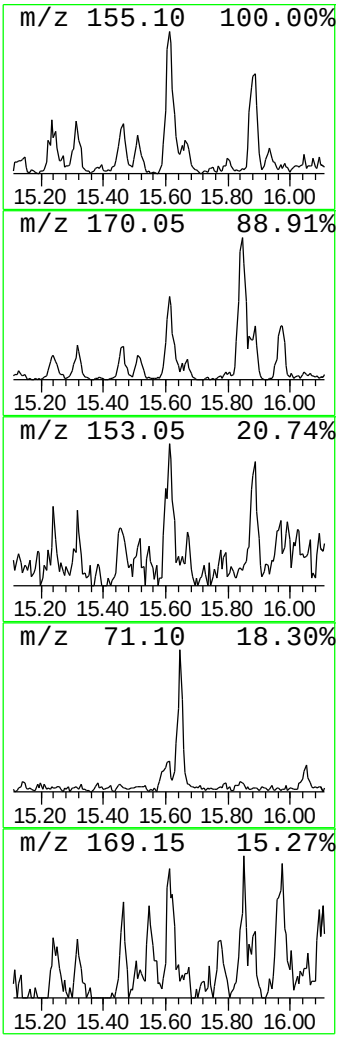
****

Peak Number 4 Naphthalene, 2,3,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	2.89 ng/ul	212690	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025201.D
Acq On : 15 Dec 2016 7:26
Operator : UM/SJ
Sample : H5970-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA852

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

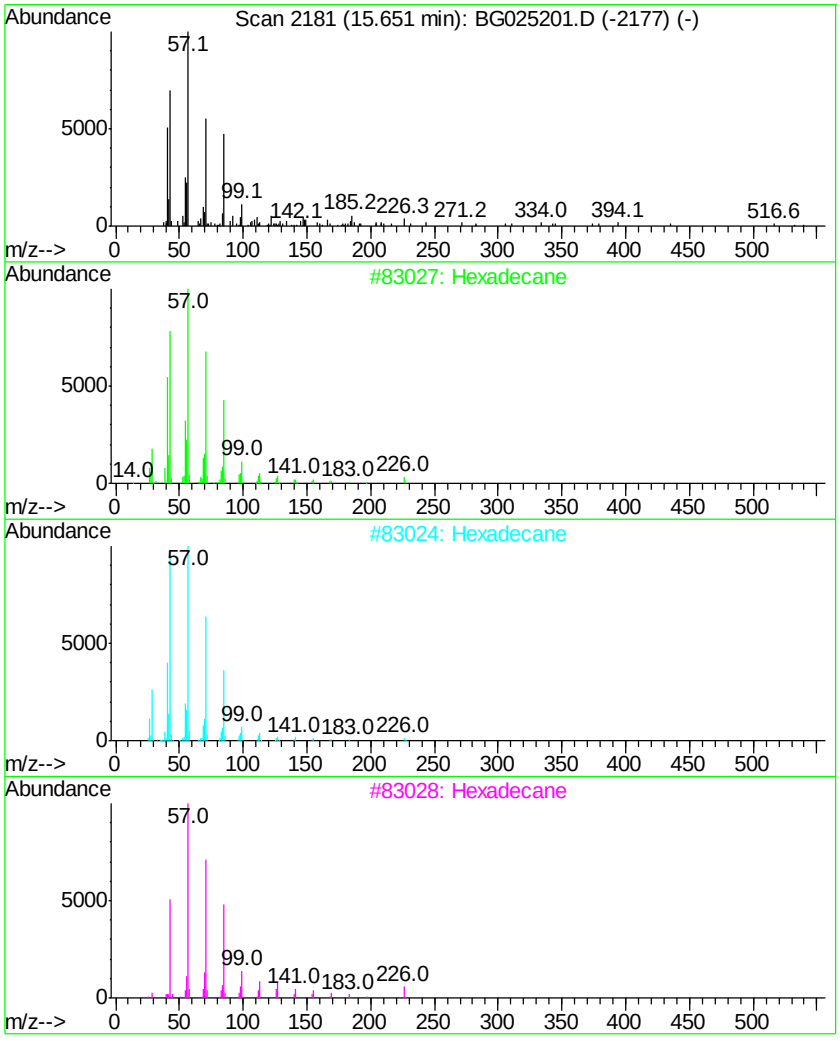
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

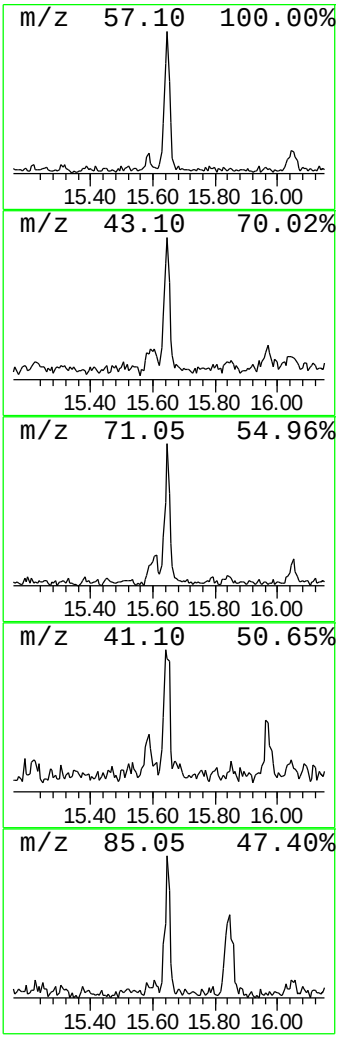
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	3.02 ng/ul	222014	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	89
2	Hexadecane	226	C16H34	000544-76-3	81
3	Hexadecane	226	C16H34	000544-76-3	81
4	Hexadecane	226	C16H34	000544-76-3	81
5	Hexadecane	226	C16H34	000544-76-3	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025201.D
Acq On : 15 Dec 2016 7:26
Operator : UM/SJ
Sample : H5970-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA852

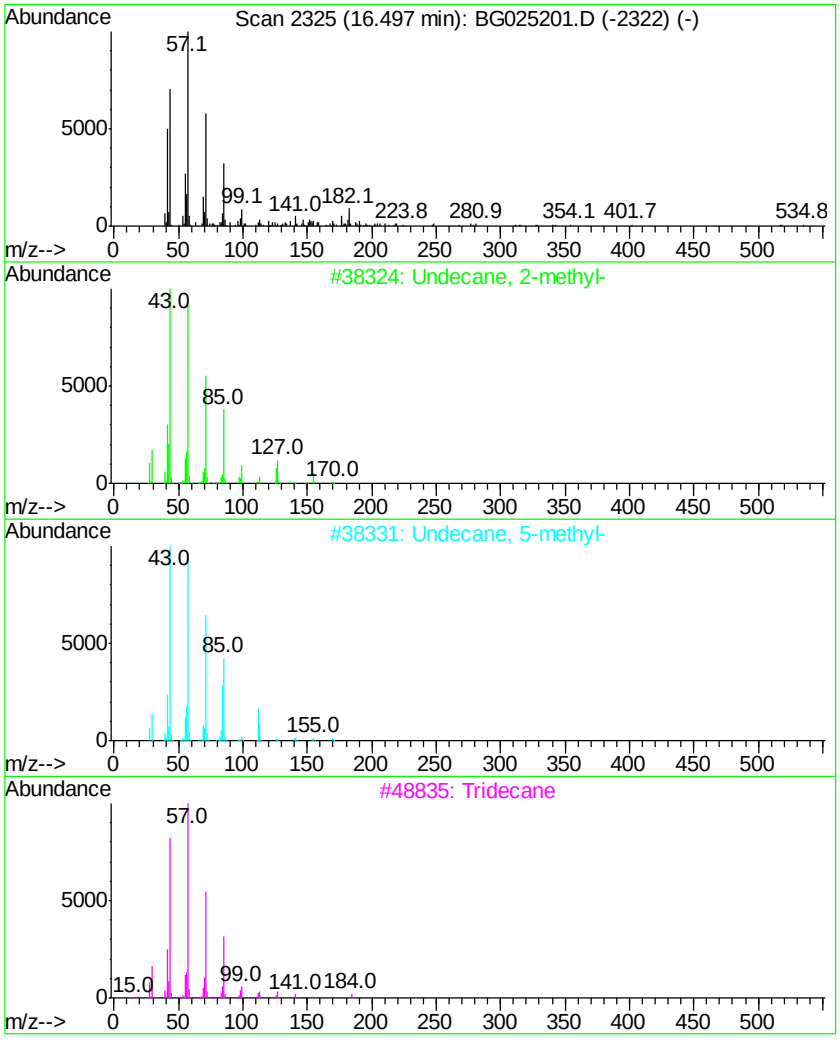
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

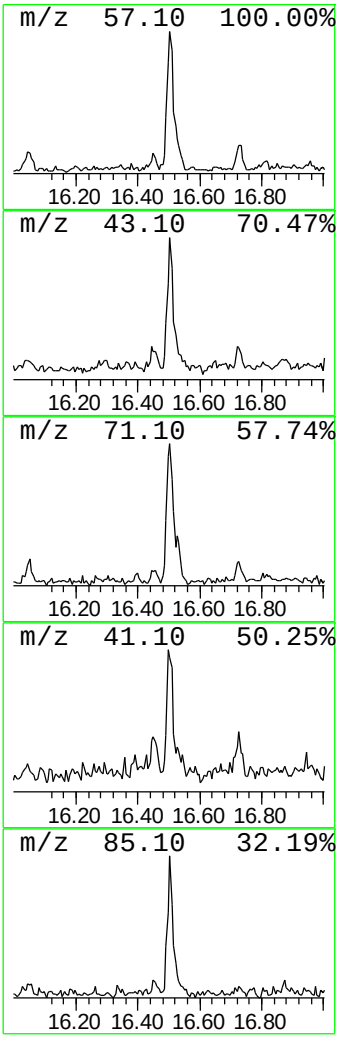
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.26 ng/ul	199988	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	68
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
3	Tridecane	184	C13H28	000629-50-5	64
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
5	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025201.D
Acq On : 15 Dec 2016 7:26
Operator : UM/SJ
Sample : H5970-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA852

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

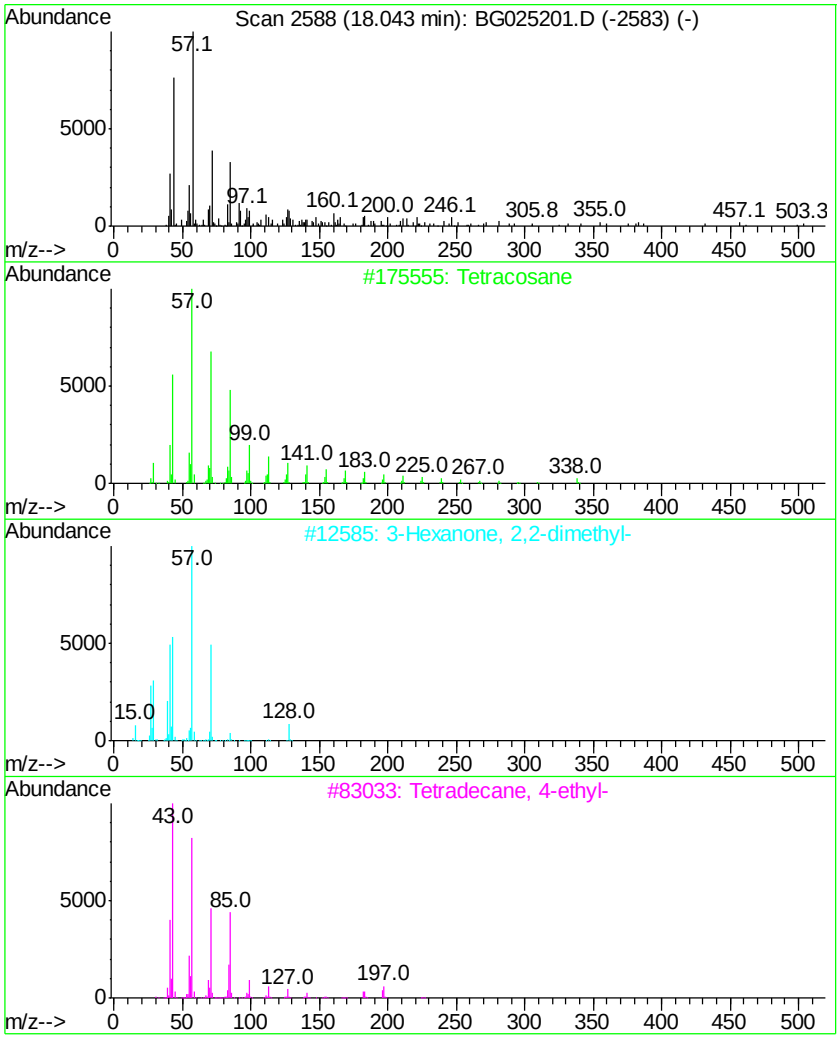
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

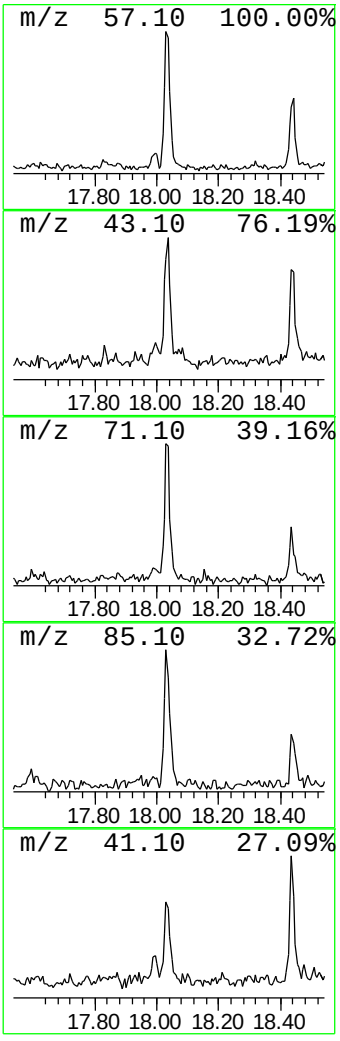
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.24 ng/ul	286195	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	72
2	3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	47
3	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	38
4	Tetradecane, 5-methyl-	212	C15H32	025117-32-2	38
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025201.D
Acq On : 15 Dec 2016 7:26
Operator : UM/SJ
Sample : H5970-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA852

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

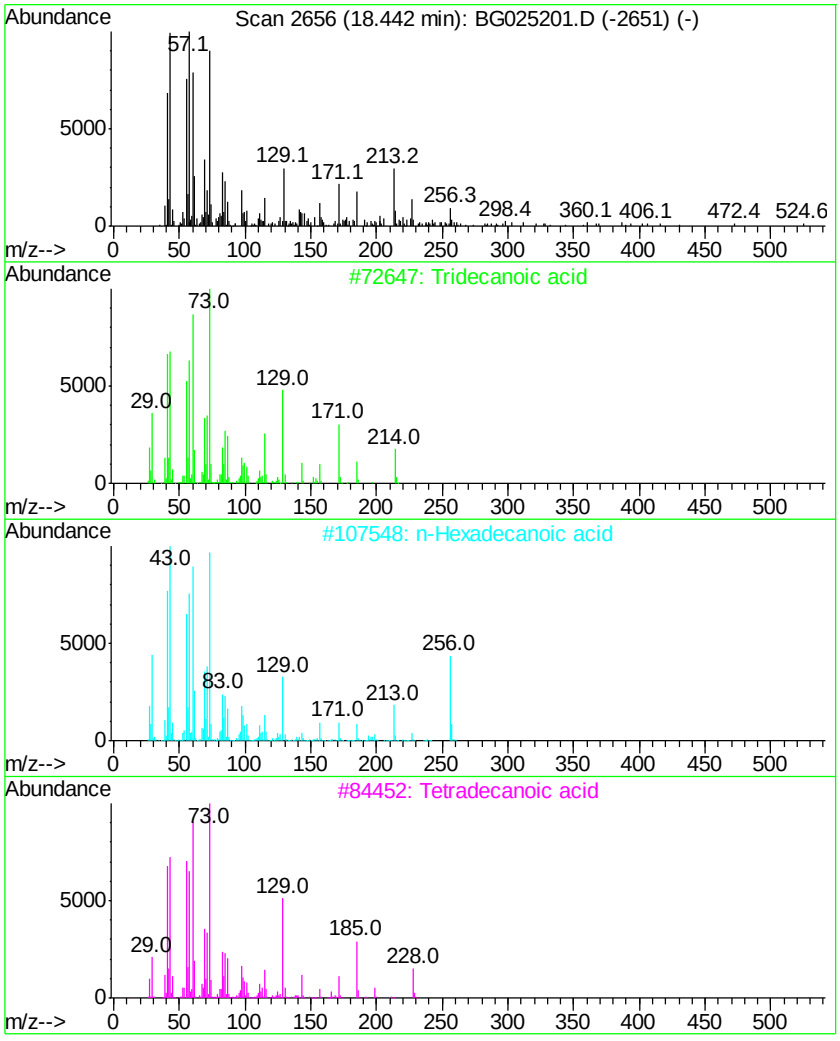
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

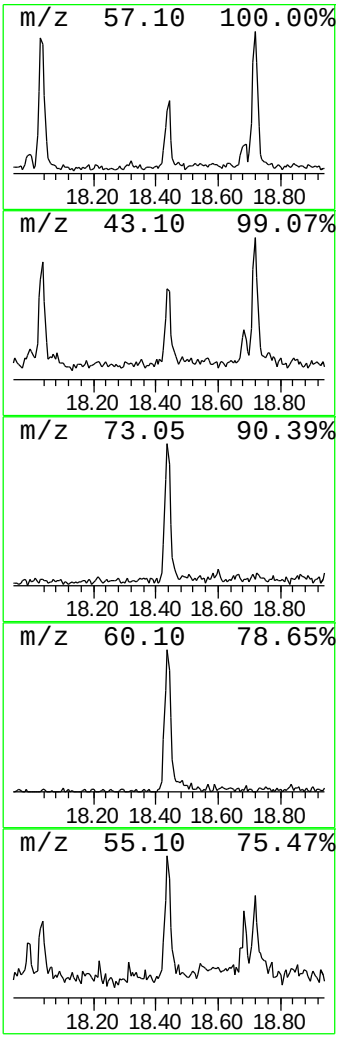
****

Peak Number 8 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	3.87 ng/ul	341395	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Dodecanoic acid	200	C12H24O2	000143-07-7	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025201.D
Acq On : 15 Dec 2016 7:26
Operator : UM/SJ
Sample : H5970-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA852

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

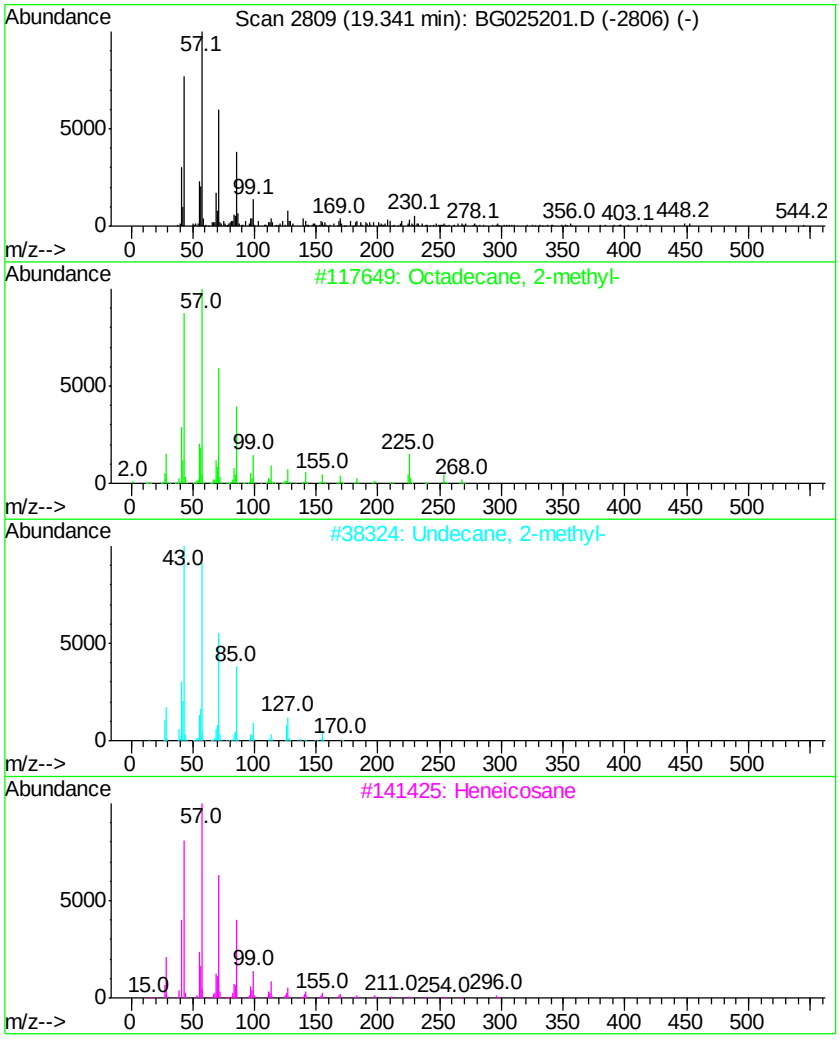
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

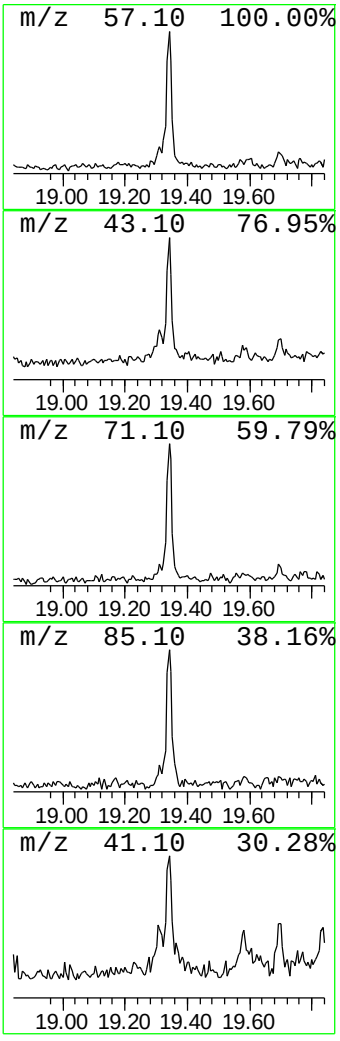
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	2.74 ng/ul	242020	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	N1-Tetrahydrofuran-2-ylmethyl-2-...	297	C13H16ClN3OS	283155-62-4	86
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025201.D
Acq On : 15 Dec 2016 7:26
Operator : UM/SJ
Sample : H5970-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA852

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

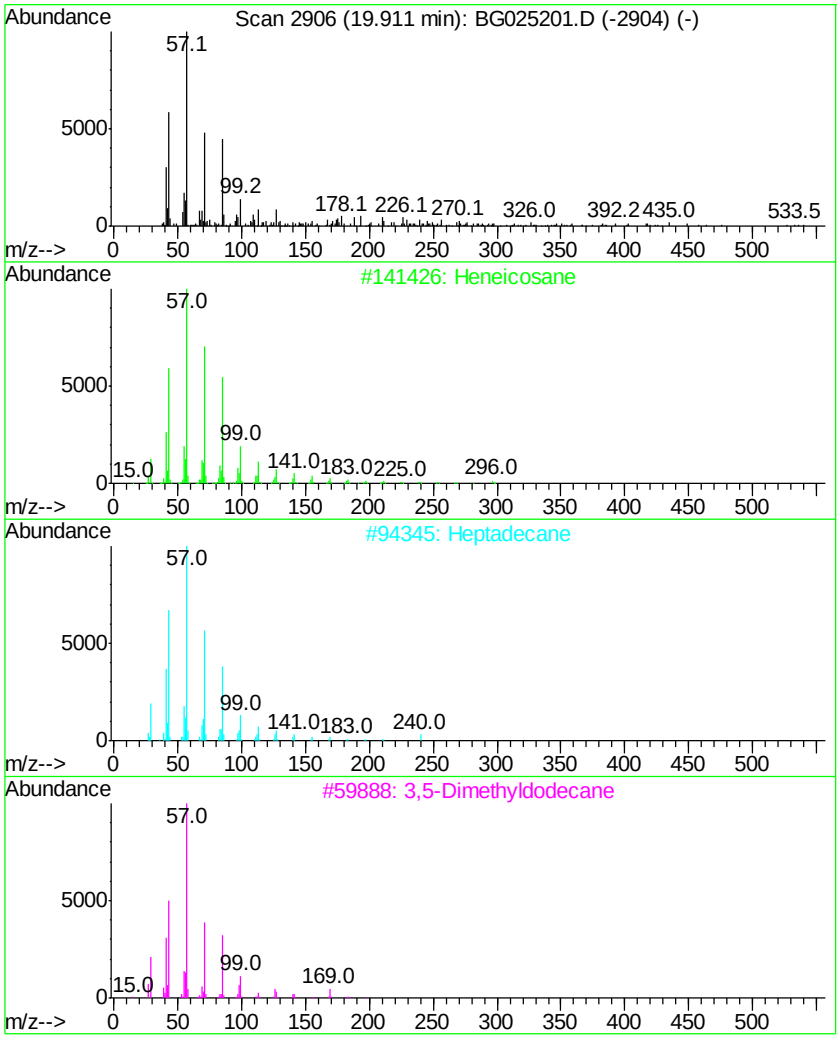
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

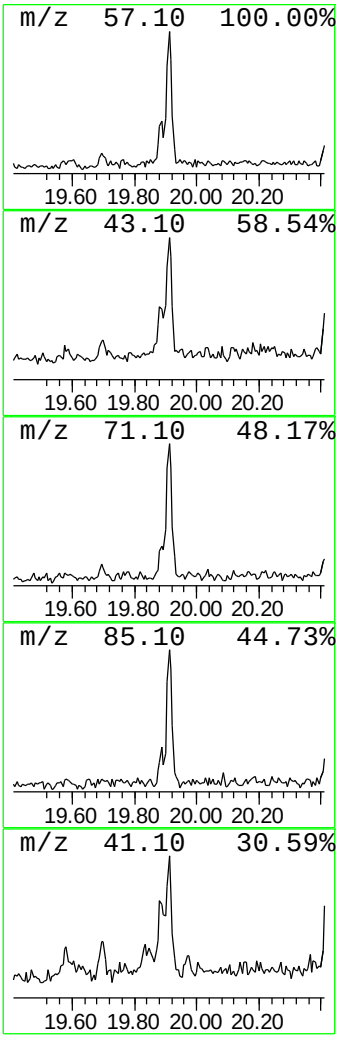
****

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	2.60 ng/ul	254876	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	81
2	Heptadecane	240	C17H36	000629-78-7	72
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
4	1-Iodoundecane	282	C11H23I	004282-44-4	64
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025201.D
Acq On : 15 Dec 2016 7:26
Operator : UM/SJ
Sample : H5970-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA852

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

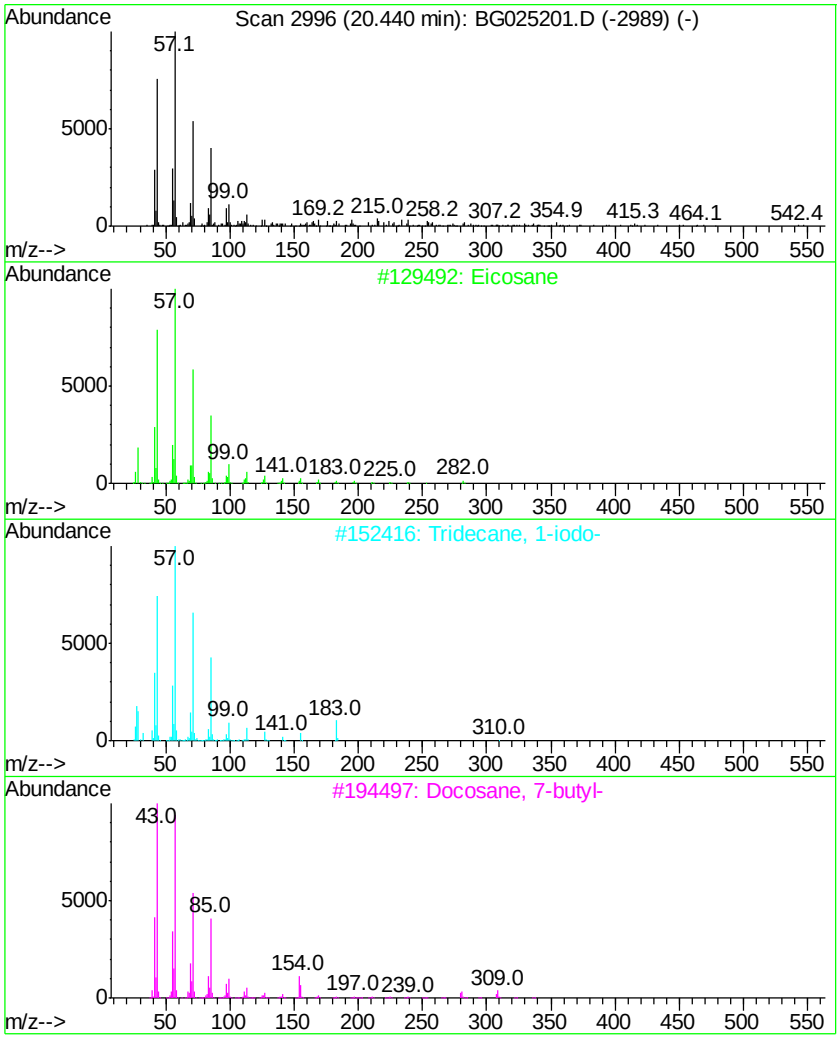
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

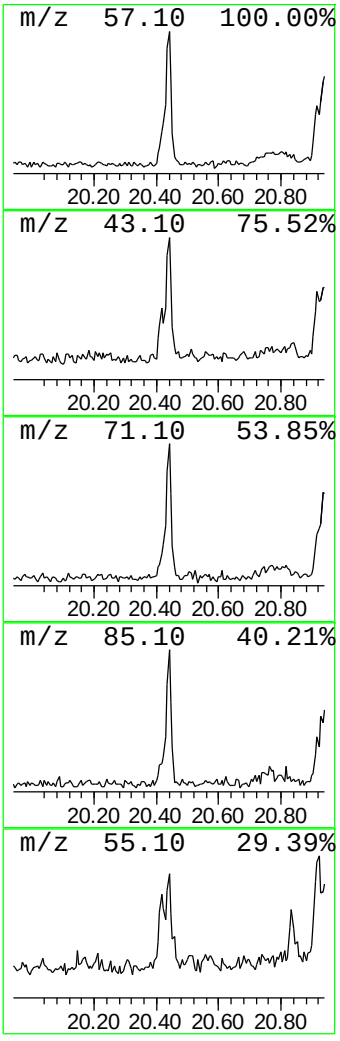
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	3.91 ng/ul	384389	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Docosane, 7-butyl-	366	C26H54	055282-15-0	86
4	Tetradecane	198	C14H30	000629-59-4	83
5	Heptadecane	240	C17H36	000629-78-7	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025201.D
Acq On : 15 Dec 2016 7:26
Operator : UM/SJ
Sample : H5970-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA852

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

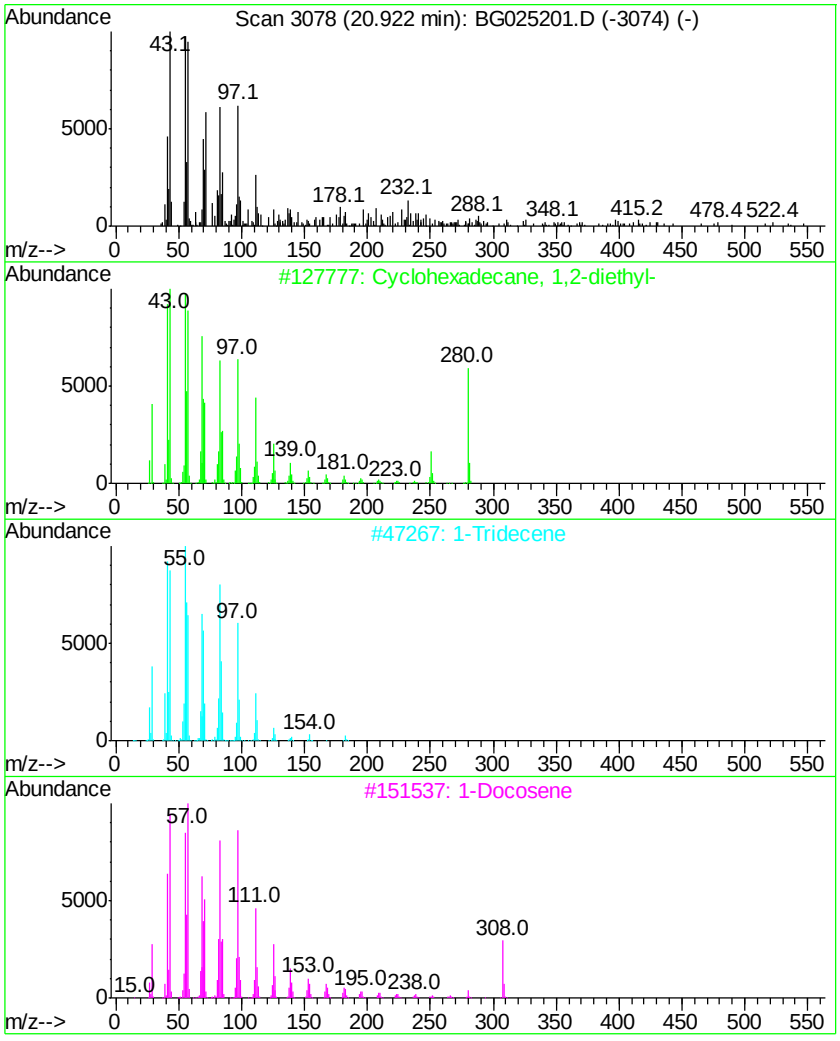
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

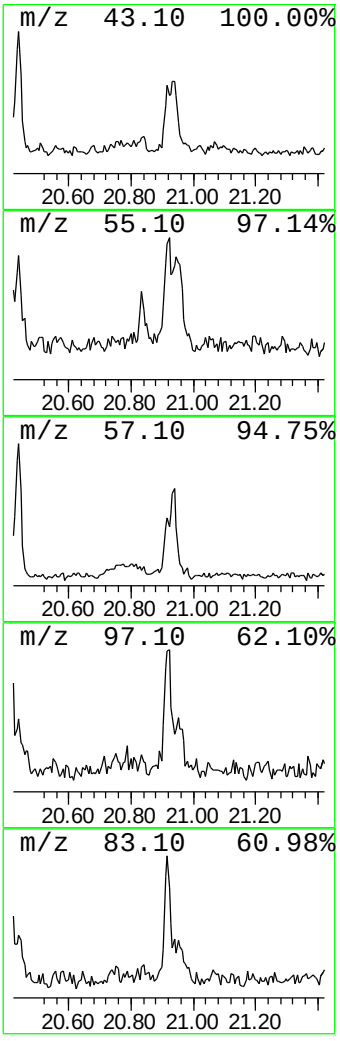
****

Peak Number 12 (DEL) Alkane: Cyclic20.92 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.34 ng/ul	229560	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	86
2	1-Tridecene	182	C13H26	002437-56-1	86
3	1-Docosene	308	C22H44	001599-67-3	86
4	Octadecanal	268	C18H36O	000638-66-4	83
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025201.D
Acq On : 15 Dec 2016 7:26
Operator : UM/SJ
Sample : H5970-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA852

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

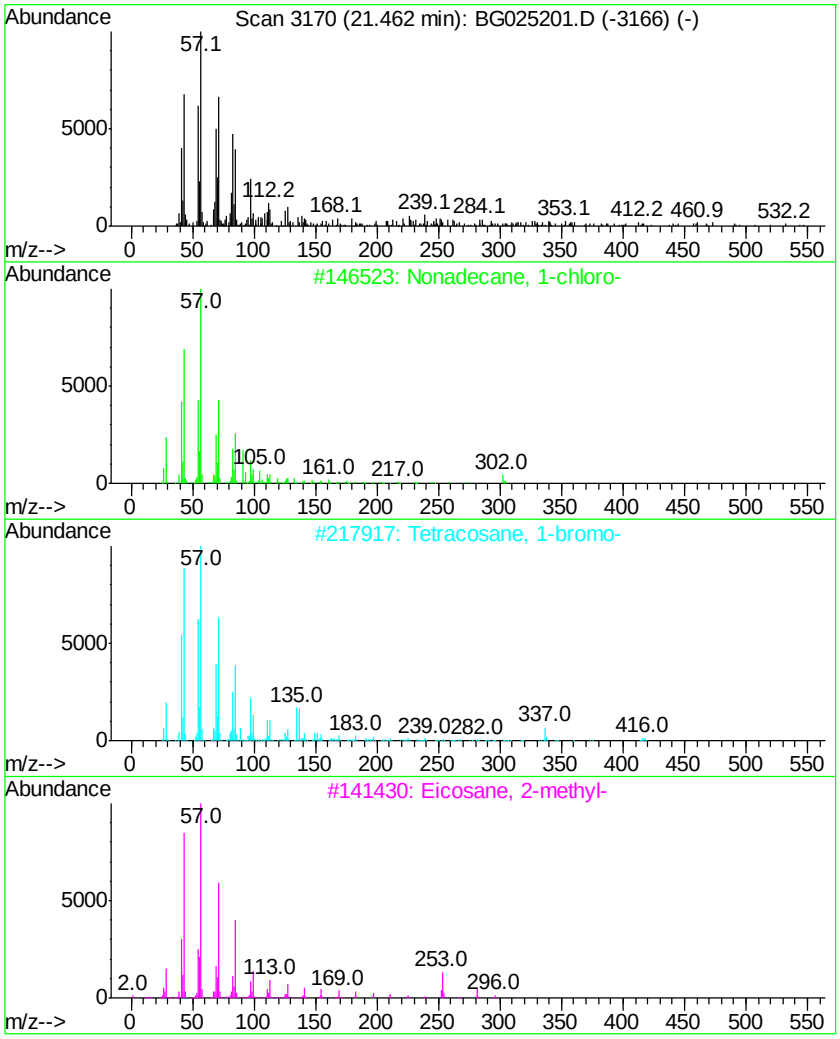
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

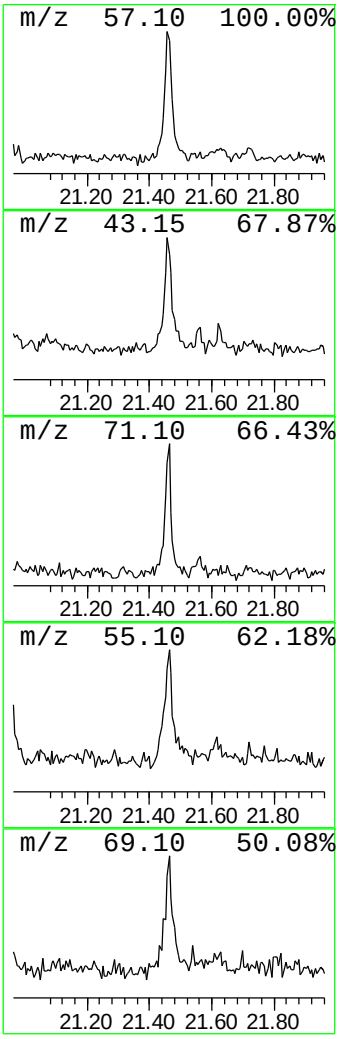
****

Peak Number 13 Nonadecane, 1-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	3.35 ng/ul	328654	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	76
2	Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	64
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	60
4	Heneicosane	296	C21H44	000629-94-7	55
5	Hexadecane	226	C16H34	000544-76-3	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025201.D
Acq On : 15 Dec 2016 7:26
Operator : UM/SJ
Sample : H5970-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA852

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
Naphthalene, 1-me...	12.92	2.0	ng/ul	94418	2	11.06	926822	20.0
Naphthalene, 1,5-...	14.04	2.1	ng/ul	155795	3	14.86	1472010	20.0
Naphthalene, 1,3-...	14.18	2.1	ng/ul	152041	3	14.86	1472010	20.0
Naphthalene, 2,3,...	15.61	2.9	ng/ul	212690	3	14.86	1472010	20.0
(DEL) Alkane: Str...	15.65	3.0	ng/ul	222014	3	14.86	1472010	20.0
(DEL) Alkane: Str...	16.50	2.3	ng/ul	199988	4	17.60	1766160	20.0
(DEL) Alkane: Str...	18.04	3.2	ng/ul	286195	4	17.60	1766160	20.0
Tridecanoic acid	18.44	3.9	ng/ul	341395	4	17.60	1766160	20.0
(DEL) Alkane: Str...	19.34	2.7	ng/ul	242020	4	17.60	1766160	20.0
(DEL) Alkane: Str...	19.91	2.6	ng/ul	254876	5	21.90	1964140	20.0
(DEL) Alkane: Str...	20.44	3.9	ng/ul	384389	5	21.90	1964140	20.0
(DEL) Alkane: Cyc...	20.92	2.3	ng/ul	229560	5	21.90	1964140	20.0
Nonadecane, 1-chl...	21.46	3.4	ng/ul	328654	5	21.90	1964140	20.0