LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025081.D
Acq On : 10 Dec 2016 23:11
Operator : UM/SJ
Sample : H5905-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA821

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	3.234	65	67	76	rVB7	10552	23142	0.64%	0.064%
2	3.305	76	79	85	rVB6	10025	11862	0.33%	0.033%
3	3.587	124	127	136	rVB5	17960	33839	0.93%	0.093%
4	3.722	147	150	155	rVB5	11670	14951	0.41%	0.041%
5	3.980	190	194	198	rBV4	8232	11362	0.31%	0.031%
6	4.356	253	258	265	rBV6	11023	29616	0.82%	0.082%
7	4.633	295	305	309	rVB6	6800	19413	0.53%	0.054%
8	4.838	335	340	342	rBV4	8009	11099	0.31%	0.031%
9	5.426	435	440	445	rVB7	5847	10966	0.30%	0.030%
10	5.872	510	516	519	rBV4	6614	11789	0.32%	0.033%
11	6.436	605	612	615	rBV6	7655	12665	0.35%	0.035%
12	7.006	707	709	715	rBV6	6402	10602	0.29%	0.029%
13	7.376	764	772	789	rVB	385621	738323	20.34%	2.039%
14	7.553	789	802	810	rBV	272409	491181	13.53%	1.357%
15	7.764	831	838	851	rVB	358509	663489	18.27%	1.833%
16	8.234	911	918	930	rVB2	254665	463562	12.77%	1.280%
17	8.622	977	984	985	rBV4	7003	10561	0.29%	0.029%
18	8.881	1020	1028	1031	rBV5	35340	64784	1.78%	0.179%
19	8.933	1031	1037	1048	rVB	497977	885754	24.40%	2.446%
20	9.251	1088	1091	1100	rBV7	6653	13018	0.36%	0.036%
21	9.351	1100	1108	1112	rBV6	25633	46753	1.29%	0.129%
22	9.409	1112	1118	1126	rBV2	380753	696094	19.17%	1.923%
23	9.515	1126	1136	1142	rVB9	22027	56862	1.57%	0.157%
24	9.592	1146	1149	1155	rVB4	11849	18763	0.52%	0.052%
25	9.738	1171	1174	1178	rVV4	8113	12679	0.35%	0.035%
26	9.785	1178	1182	1187	rVB7	22659	32817	0.90%	0.091%
27	10.015	1211	1221	1226	rBV8	18721	39444	1.09%	0.109%
28	10.062	1226	1229	1234	rVB5	6083	11163	0.31%	0.031%
29	10.138	1234	1242	1252	rBV2	333169	659980	18.18%	1.823%
30	10.244	1252	1260	1263	rBV8	12546	21139	0.58%	0.058%
31	10.326	1270	1274	1282	rVB8	17817	41634	1.15%	0.115%
32	10.679	1323	1334	1343	rBV	502494	957277	26.37%	2.644%
33	10.896	1363	1371	1372	rBV4	16586	22778	0.63%	0.063%
34	11.002	1386	1389	1392	rBV4	8407	12453	0.34%	0.034%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025081.D
Acq On : 10 Dec 2016 23:11
Operator : UM/SJ
Sample : H5905-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA821

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	11.060	1392	1399	1406	rBV	364958	669070	18.43%	1.848%
36	11.196	1414	1422	1432	rBV	479289	924761	25.47%	2.554%
37	11.301	1438	1440	1444	rVB5	8860	10196	0.28%	0.028%
38	11.413	1451	1459	1464	rBV5	17799	33684	0.93%	0.093%
39	11.466	1465	1468	1474	rVB7	19492	28176	0.78%	0.078%
40	11.636	1492	1497	1507	rVB7	12541	36946	1.02%	0.102%
41	11.812	1522	1527	1530	rBV6	8482	14369	0.40%	0.040%
42	11.871	1534	1537	1540	rBV4	9917	12329	0.34%	0.034%
43	12.065	1569	1570	1574	rBV4	8898	11055	0.30%	0.031%
44	12.447	1628	1635	1637	rBV7	10914	18503	0.51%	0.051%
45	12.629	1662	1666	1672	rVB9	14258	28260	0.78%	0.078%
46	12.717	1675	1681	1682	rBV5	13519	23336	0.64%	0.064%
47	12.911	1711	1714	1720	rVB8	21133	35469	0.98%	0.098%
48	12.999	1726	1729	1734	rBV6	13363	24443	0.67%	0.068%
49	13.052	1734	1738	1741	rVV6	9772	13052	0.36%	0.036%
50	13.205	1760	1764	1770	rVV7	14236	25834	0.71%	0.071%
51	13.322	1781	1784	1790	rVB7	13831	17775	0.49%	0.049%
52	13.440	1799	1804	1810	rVB7	13042	25283	0.70%	0.070%
53	13.834	1866	1871	1875	rBV6	17815	24090	0.66%	0.067%
54	13.928	1885	1887	1894	rVB8	10284	16283	0.45%	0.045%
55	14.004	1894	1900	1905	rBV9	16319	39664	1.09%	0.110%
56	14.151	1922	1925	1930	rBV6	7126	10355	0.29%	0.029%
57	14.251	1930	1942	1946	rBV	1079503	1668544	45.96%	4.608%
58	14.298	1946	1950	1955	rVB	397569	560470	15.44%	1.548%
59	14.556	1985	1994	2005	rVB	1007960	1679472	46.26%	4.639%
60	14.709	2015	2020	2024	rBV6	19410	28695	0.79%	0.079%
61	14.774	2028	2031	2036	rBV5	11410	12494	0.34%	0.035%
62	14.856	2036	2045	2056	rVV	663235	1056370	29.10%	2.918%
63	15.044	2070	2077	2089	rVV	529814	979677	26.98%	2.706%
64	15.226	2105	2108	2113	rBV7	9318	11960	0.33%	0.033%
65	15.385	2132	2135	2141	rVB8	9946	18238	0.50%	0.050%
66	15.608	2168	2173	2176	rBV6	18222	25917	0.71%	0.072%
67	15.649	2176	2180	2187	rVB5	46249	65590	1.81%	0.181%
68	15.843	2205	2213	2224	rBV	1555446	2347904	64.67%	6.485%
69	15.961	2226	2233	2240	rBV2	564263	899918	24.79%	2.486%
70	16.049	2244	2248	2250	rBV5	17169	26781	0.74%	0.074%
71	16.143	2262	2264	2269	rBV5	10501	16071	0.44%	0.044%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5905-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA821

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	16.266	2283	2285	2293	rVB7	13482	18910	0.52%	0.052%
73	16.407	2305	2309	2310	rBV4	9629	11936	0.33%	0.033%
74	16.507	2321	2326	2335	rBV2	72836	130077	3.58%	0.359%
75	16.789	2365	2374	2378	rBV2	16074	36334	1.00%	0.100%
76	16.842	2381	2383	2389	rBV7	10502	19771	0.54%	0.055%
77	17.012	2409	2412	2415	rVB4	14378	12945	0.36%	0.036%
78	17.300	2455	2461	2465	rBV2	50699	67034	1.85%	0.185%
79	17.347	2466	2469	2481	rVB2	17402	55113	1.52%	0.152%
80	17.541	2497	2502	2505	rBV7	8499	10052	0.28%	0.028%
81	17.600	2505	2512	2521	rVV	960669	1549056	42.67%	4.278%
82	17.700	2521	2529	2539	rVV	1789154	2846265	78.39%	7.861%
83	17.841	2550	2553	2557	rBV6	12154	15792	0.43%	0.044%
84	17.929	2563	2568	2583	rBV	732236	1279224	35.23%	3.533%
85	18.040	2583	2587	2594	rVB6	27942	54887	1.51%	0.152%
86	18.440	2649	2655	2660	rVV3	145358	205874	5.67%	0.569%
87	18.722	2700	2703	2711	rBV10	19409	43759	1.21%	0.121%
88	18.851	2723	2725	2729	rVB3	14165	10335	0.28%	0.029%
89	18.975	2736	2746	2748	rBV3	20154	52909	1.46%	0.146%
90	19.174	2776	2780	2782	rBV4	20050	27349	0.75%	0.076%
91	19.562	2843	2846	2849	rBV5	20430	24830	0.68%	0.069%
92	19.603	2850	2853	2860	rVB7	41534	81838	2.25%	0.226%
93	19.691	2866	2868	2874	rVB7	19467	29404	0.81%	0.081%
94	19.973	2908	2916	2923	rVB	2412801	3630340	99.99%	10.027%
95	20.720	3040	3043	3044	rBV3	21790	24058	0.66%	0.066%
96	21.466	3165	3170	3189	rVB5	185883	462976	12.75%	1.279%
97	21.889	3235	3242	3251	rBV	1198190	2082428	57.36%	5.752%
98	25.068	3771	3783	3798	rBV2	1210568	3630735	100.00%	10.028%
99	25.297	3813	3822	3834	rVB2	629379	1988144	54.76%	5.491%
100	26.407	4004	4011	4021	rVB9	66765	201182	5.54%	0.556%

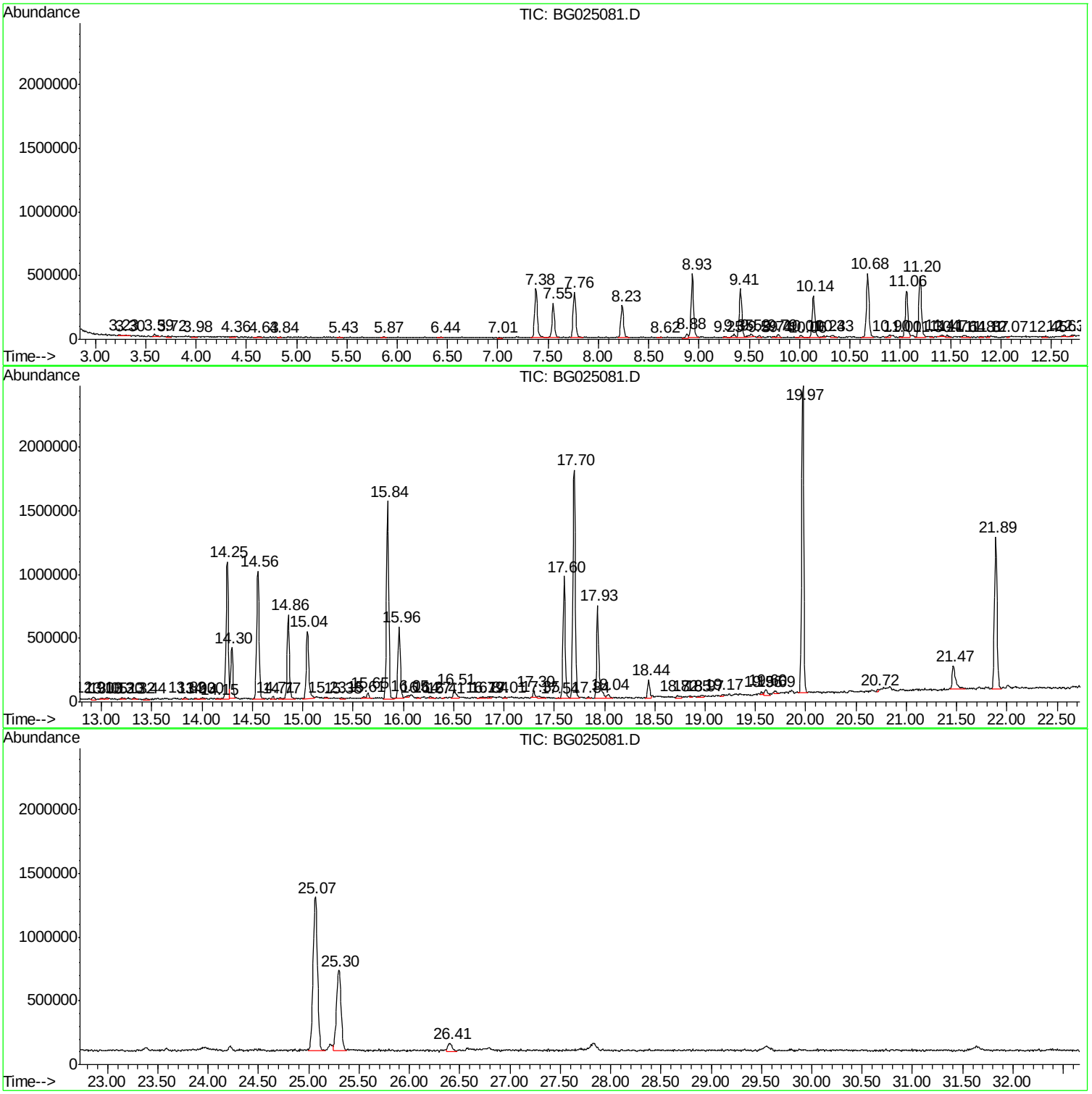
Sum of corrected areas: 36206405

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025081.D
Acq On : 10 Dec 2016 23:11
Operator : UM/SJ
Sample : H5905-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA821

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\BG121016\
Data File : BG025081.D
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Sample : H5905-22
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Instrument : BNA_G
ClientSampleId : DA821

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

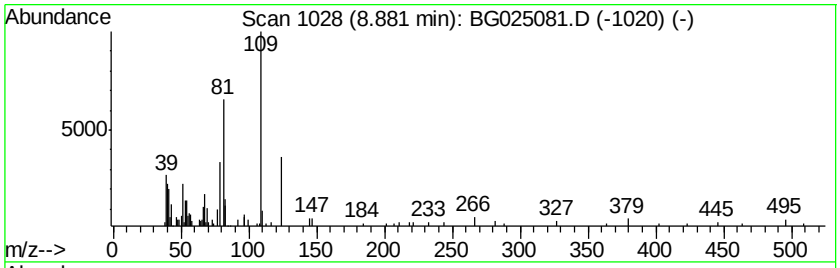
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

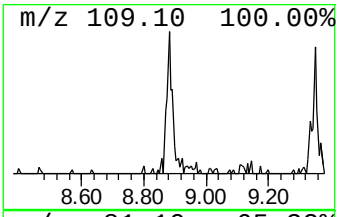
****

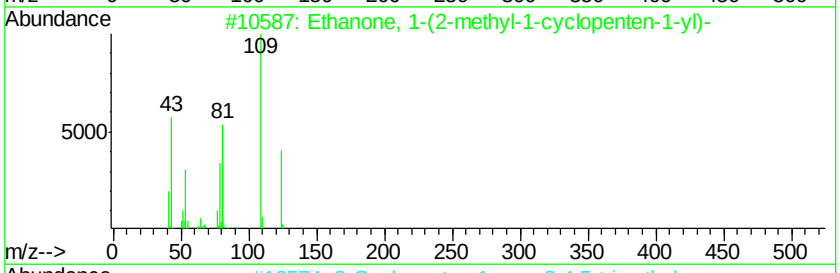
Peak Number 1 Ethanone, 1-(2-methyl-1-cyc... Concentration Rank 3

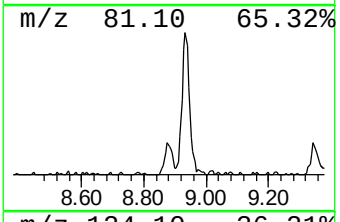
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	2.80 ng/ul	64784	1,4-Dichlorobenzene-d4	8.24

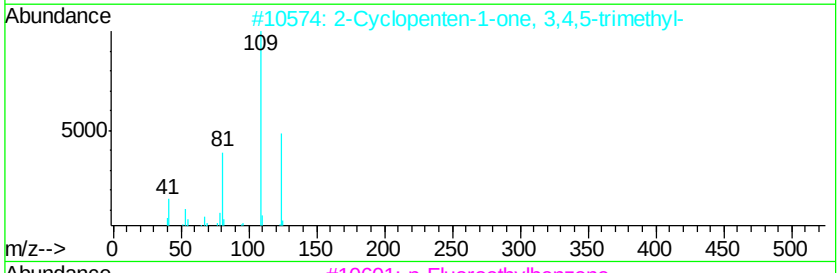
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	68
2	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	64
3	p-Fluoroethylbenzene	124	C8H9F	000459-47-2	64
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	64
5	2-Cyclopenten-1-one, 3,5,5-trime...	124	C8H12O	024156-95-4	64

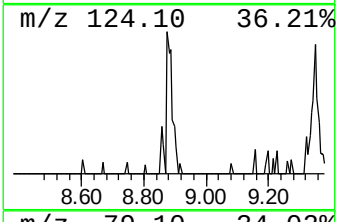


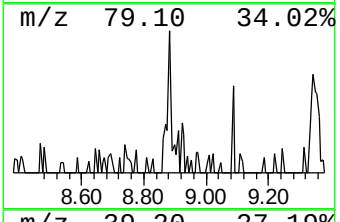


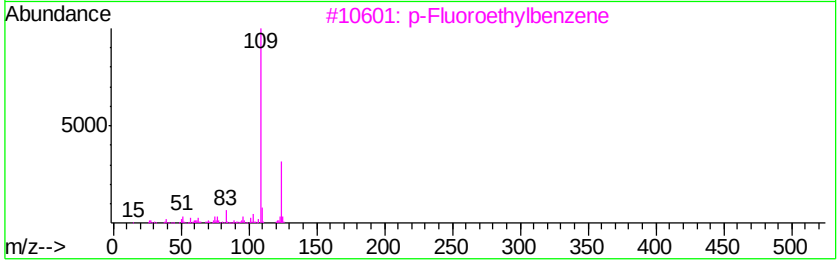


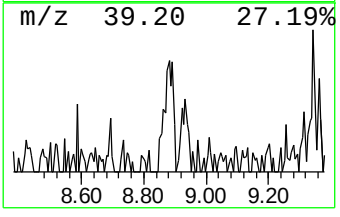












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025081.D
Acq On : 10 Dec 2016 23:11
Operator : UM/SJ
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Instrument : BNA_G
ClientSampleId : DA821

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

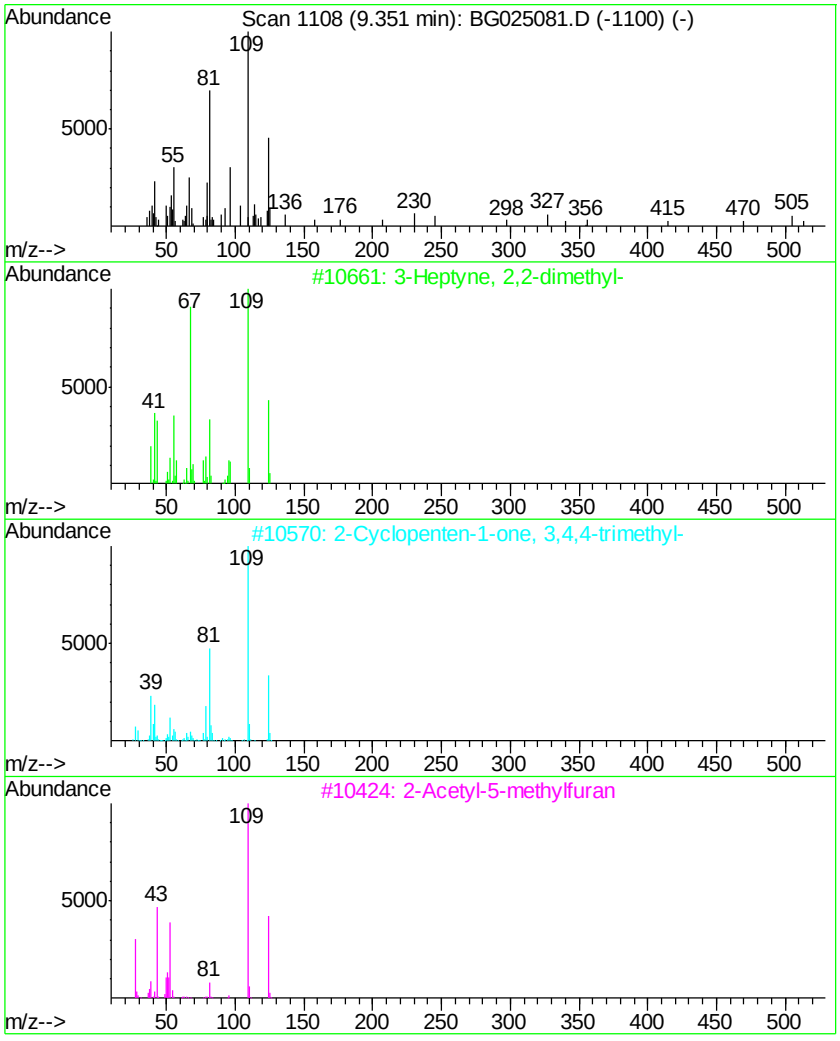
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

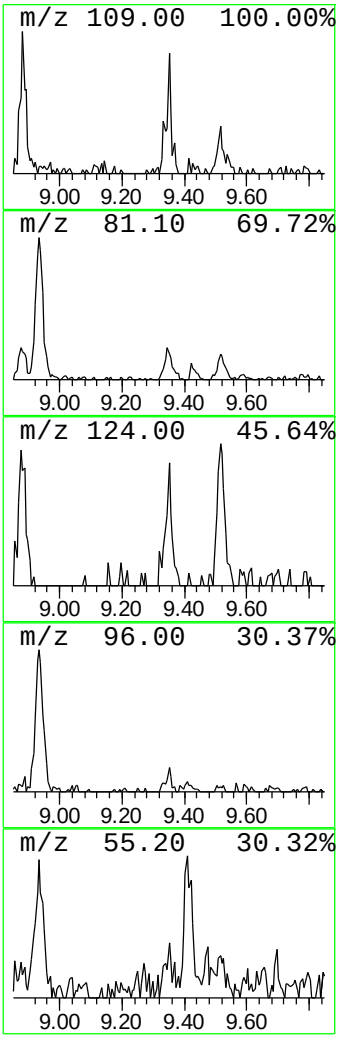
****

Peak Number 2 3-Heptyne, 2,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	2.02 ng/ul	46753	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptyne, 2,2-dimethyl-	124	C9H16	029022-29-5	59
2	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	58
3	2-Acetyl-5-methylfuran	124	C7H8O2	001193-79-9	58
4	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	53
5	2-Acetyl-5-methylfuran	124	C7H8O2	001193-79-9	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
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Instrument : BNA_G
ClientSampleId : DA821

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

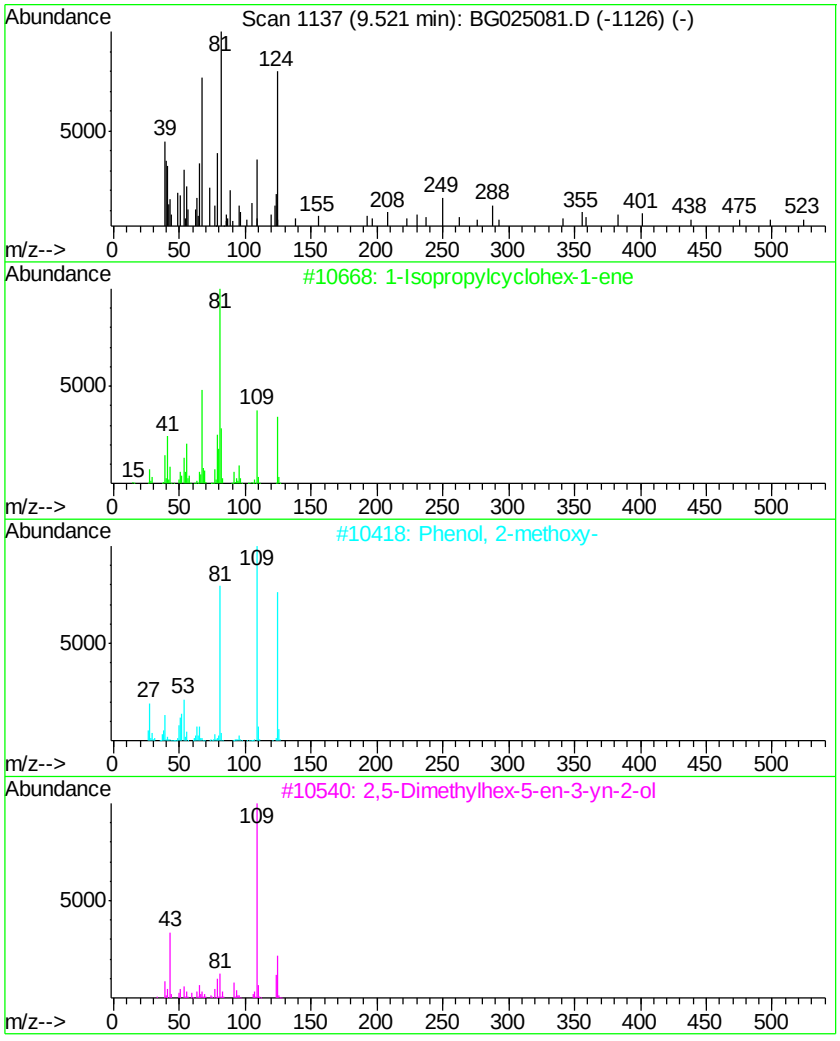
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

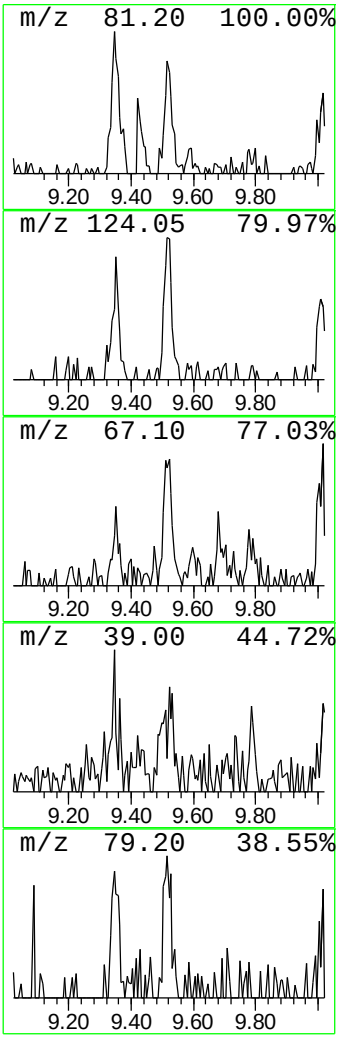
****

Peak Number 3 1-Isopropylcyclohex-1-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	2.45 ng/ul	56862	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropylcyclohex-1-ene	124	C9H16	004292-04-0	53
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	47
3	2,5-Dimethylhex-5-en-3-yn-2-ol	124	C8H12O	1000302-74-9	43
4	5-Ethyl-2-furaldehyde	124	C7H8O2	023074-10-4	38
5	1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
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Operator : UM/SJ
Sample : H5905-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA821

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

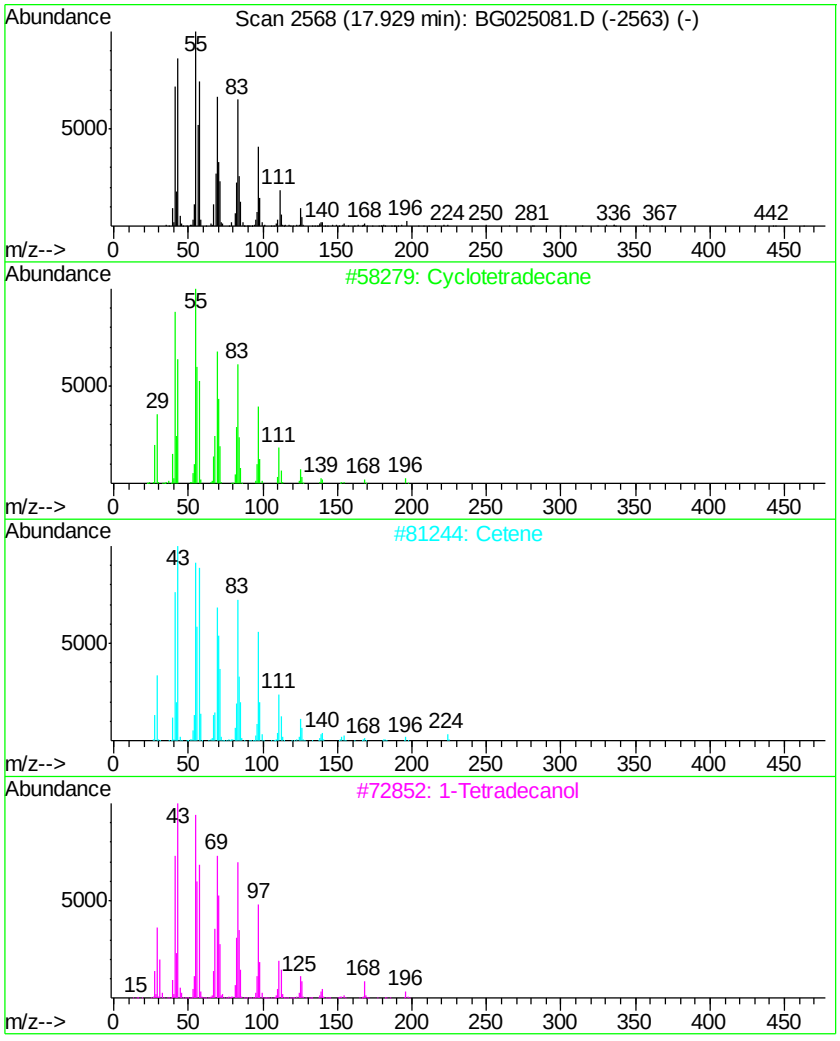
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

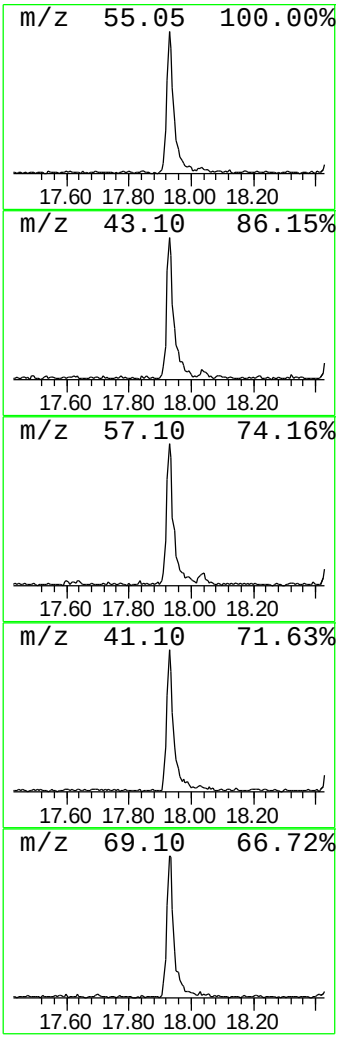
****

Peak Number 4 (DEL) Alkane: Cyclic17.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	16.52 ng/ul	1279220	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	98
2	Cetene	224	C16H32	000629-73-2	96
3	1-Tetradecanol	214	C14H30O	000112-72-1	91
4	n-Pentadecanol	228	C15H32O	000629-76-5	91
5	1-Hexadecanol	242	C16H34O	036653-82-4	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025081.D
Acq On : 10 Dec 2016 23:11
Operator : UM/SJ
Sample : H5905-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA821

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

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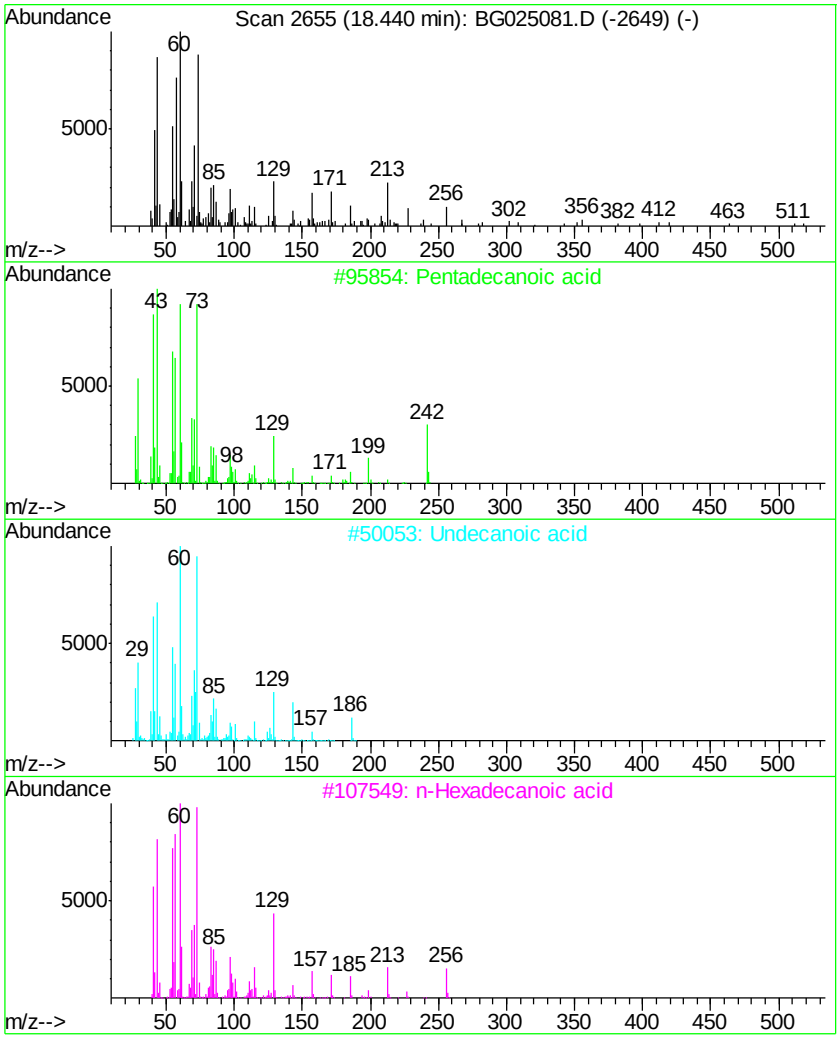
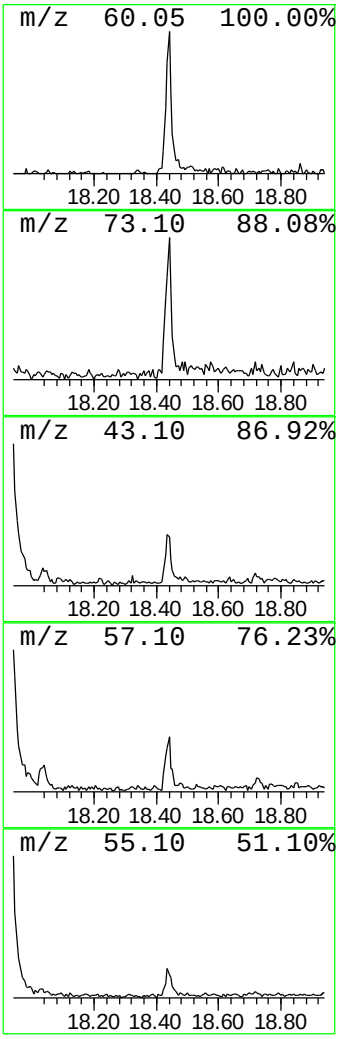
Peak Number 5 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	2.66 ng/ul	205874	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
2	Undecanoic acid	186	C11H22O2	000112-37-8	72
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025081.D
Acq On : 10 Dec 2016 23:11
Operator : UM/SJ
Sample : H5905-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA821

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

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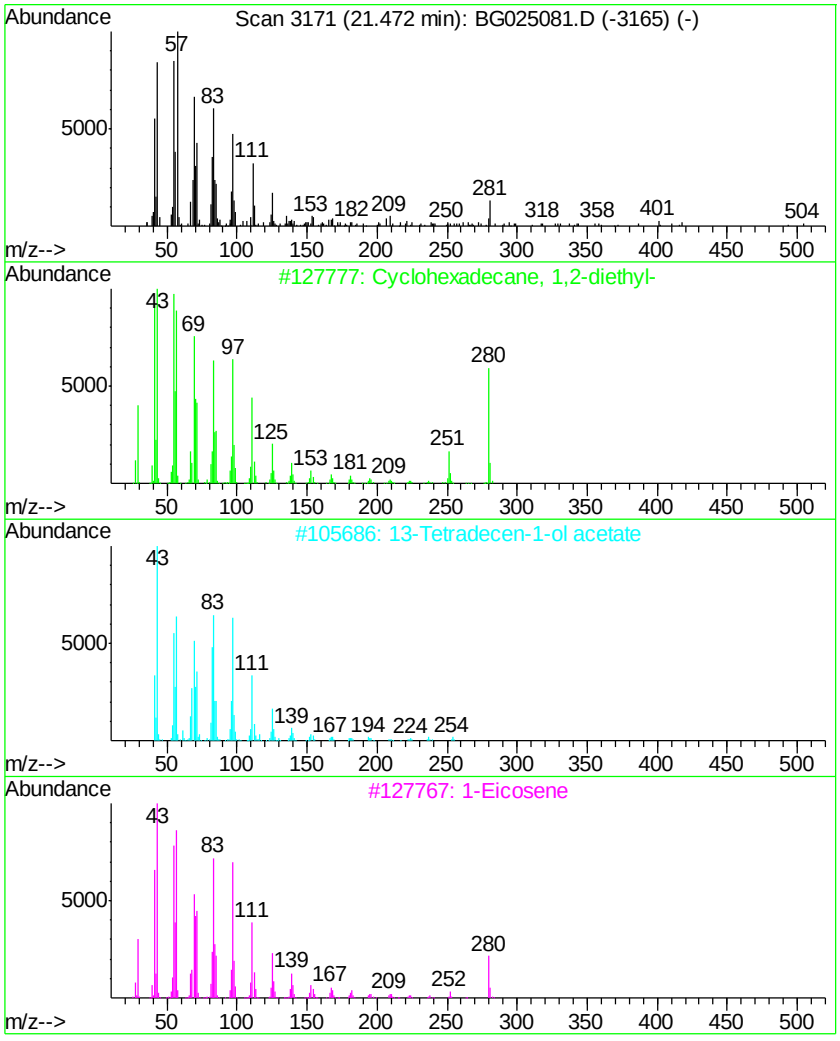
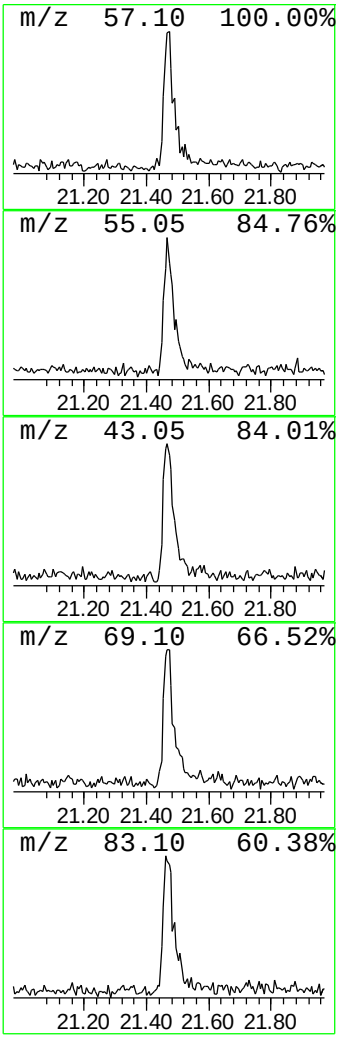
Peak Number 6 (DEL) Alkane: Cyclic21.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	4.45 ng/ul	462976	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	98
2	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	94
3	1-Eicosene	280	C20H40	003452-07-1	93
4	1-Tricosanol	340	C23H48O	003133-01-5	91
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025081.D
Acq On : 10 Dec 2016 23:11
Operator : UM/SJ
Sample : H5905-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA821

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

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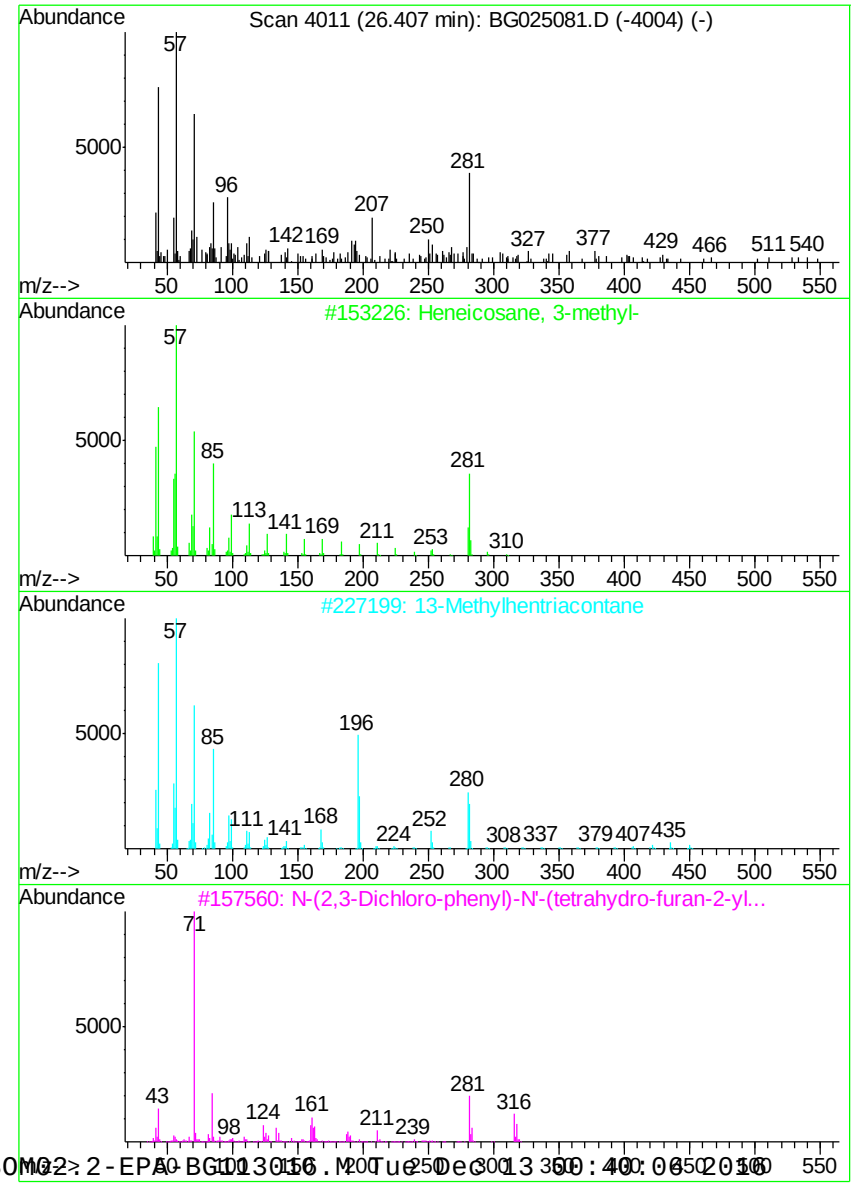
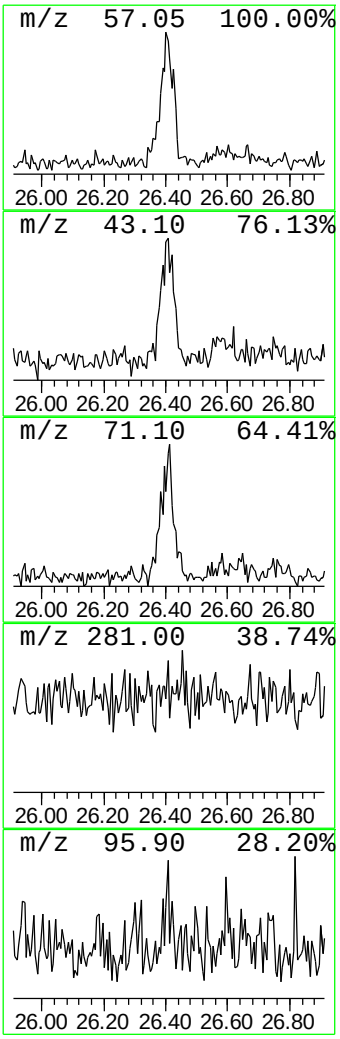
Peak Number 7 (DEL) Alkane: Branched26.41 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.41	2.02 ng/ul	201182	Perylene-d12	25.30

Hit# of 4	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 3-methyl-	310	C22H46	006418-47-9	25
2	13-Methylhentriacontane	451	C32H66	1000131-19-4	6
3	N-(2,3-Dichloro-phenyl)-N'-(tetr...	316	C13H14Cl2N2O3	339088-83-4	4
4	Propane-1,1,2,2-tetracarbonitril...	308	C16H12N4O3	1000276-85-5	2





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025081.D
Acq On : 10 Dec 2016 23:11
Operator : UM/SJ
Sample : H5905-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA821

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
Ethanone, 1-(2-me...	8.88	2.8	ng/ul	64784	1	8.24	463562	20.0
3-Heptyne, 2,2-di...	9.35	2.0	ng/ul	46753	1	8.24	463562	20.0
1-Isopropylcycloh...	9.52	2.5	ng/ul	56862	1	8.24	463562	20.0
(DEL) Alkane: Cyc...	17.93	16.5	ng/ul	1279220	4	17.60	1549060	20.0
Pentadecanoic acid	18.44	2.7	ng/ul	205874	4	17.60	1549060	20.0
(DEL) Alkane: Cyc...	21.47	4.5	ng/ul	462976	5	21.89	2082430	20.0
(DEL) Alkane: Bra...	26.41	2.0	ng/ul	201182	6	25.30	1988140	20.0