LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102615\
Data File : BG019365.D
Acq On : 26 Oct 2015 18:30
Operator : UM/NP
Sample : G4075-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\METHODS\SOM02.2-EPA-BG102315.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	3.201	56	62	70	rBV4	20013	40044	0.64%	0.149%
2	3.278	71	75	82	rVB	56052	79656	1.28%	0.297%
3	3.554	119	122	126	rVB4	5086	6666	0.11%	0.025%
4	3.854	168	173	177	rBV5	3829	6658	0.11%	0.025%
5	4.717	315	320	322	rBV5	4760	8114	0.13%	0.030%
6	5.528	452	458	465	rBV2	9147	21475	0.35%	0.080%
7	7.208	740	744	751	rVB3	6205	9663	0.16%	0.036%
8	7.391	765	775	786	rVB2	144757	247336	3.98%	0.921%
9	7.549	792	802	816	rVB	92611	159555	2.57%	0.594%
10	7.773	833	840	847	rVB2	131194	233398	3.76%	0.869%
11	8.243	913	920	927	rVB	149516	253440	4.08%	0.944%
12	8.401	943	947	954	rBV4	3649	11004	0.18%	0.041%
13	8.948	1034	1040	1048	rBV	177344	310684	5.00%	1.157%
14	9.412	1112	1119	1125	rBV	129358	237001	3.82%	0.883%
15	9.518	1132	1137	1140	rBV3	8743	13523	0.22%	0.050%
16	9.565	1140	1145	1149	rVB3	37406	59512	0.96%	0.222%
17	10.140	1235	1243	1252	rVB2	126544	230292	3.71%	0.858%
18	10.346	1276	1278	1285	rBV6	3232	6224	0.10%	0.023%
19	10.693	1327	1337	1347	rVB	193082	354104	5.70%	1.319%
20	11.075	1394	1402	1409	rBV	215830	385999	6.22%	1.438%
21	11.204	1417	1424	1433	rBV	38378	76410	1.23%	0.285%
22	11.697	1502	1508	1510	rBV4	3351	7200	0.12%	0.027%
23	11.832	1525	1531	1535	rBV4	11788	17463	0.28%	0.065%
24	12.585	1655	1659	1664	rVB6	7052	10888	0.18%	0.041%
25	12.632	1664	1667	1670	rBV2	5552	6699	0.11%	0.025%
26	13.190	1758	1762	1764	rBV4	5208	7226	0.12%	0.027%
27	13.231	1766	1769	1772	rVB2	6667	8320	0.13%	0.031%
28	13.401	1795	1798	1802	rBV4	8341	10762	0.17%	0.040%
29	13.472	1804	1810	1815	rBV4	9428	14380	0.23%	0.054%
30	14.259	1938	1944	1948	rBV	346963	509679	8.21%	1.898%
31	14.306	1948	1952	1962	rVB	205338	302787	4.88%	1.128%
32	14.565	1989	1996	2002	rBV	376185	562814	9.06%	2.096%
33	14.870	2041	2048	2054	rBV2	360606	581256	9.36%	2.165%
34	15.052	2072	2079	2085	rBV2	164246	260323	4.19%	0.970%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102615\
Data File : BG019365.D
Acq On : 26 Oct 2015 18:30
Operator : UM/NP
Sample : G4075-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\METHODS\SOM02.2-EPA-BG102315.M
Title : SVOA CALIBRATION

35	15.187	2097	2102	2109	rBV6	27287	52150	0.84%	0.194%
36	15.252	2109	2113	2114	rBV3	5454	8100	0.13%	0.030%
37	15.346	2126	2129	2133	rVB5	6435	9626	0.16%	0.036%
38	15.640	2174	2179	2182	rBV5	10073	19624	0.32%	0.073%
39	15.681	2182	2186	2189	rVB5	10338	14503	0.23%	0.054%
40	15.851	2208	2215	2222	rBV	488052	744594	11.99%	2.773%
41	15.957	2225	2233	2239	rBV2	106181	169074	2.72%	0.630%
42	16.086	2250	2255	2261	rBV7	9997	19843	0.32%	0.074%
43	16.310	2288	2293	2295	rBV6	4524	6698	0.11%	0.025%
44	16.545	2329	2333	2342	rVB5	23138	46988	0.76%	0.175%
45	16.703	2357	2360	2361	rBV3	10257	10644	0.17%	0.040%
46	16.727	2361	2364	2368	rVV6	20108	29280	0.47%	0.109%
47	16.768	2368	2371	2376	rVB6	23714	32187	0.52%	0.120%
48	16.979	2402	2407	2414	rBV6	19514	38098	0.61%	0.142%
49	17.267	2454	2456	2461	rBV6	5476	7397	0.12%	0.028%
50	17.338	2464	2468	2471	rVV4	22716	31864	0.51%	0.119%
51	17.391	2475	2477	2481	rVB5	11893	16052	0.26%	0.060%
52	17.473	2488	2491	2493	rBV4	7951	9359	0.15%	0.035%
53	17.496	2493	2495	2498	rVV3	8487	10116	0.16%	0.038%
54	17.608	2508	2514	2520	rBV2	468770	725767	11.69%	2.703%
55	17.673	2520	2525	2526	rVV3	52676	72946	1.17%	0.272%
56	17.702	2526	2530	2536	rVB2	462179	716212	11.53%	2.668%
57	17.955	2571	2573	2579	rVB7	17958	24601	0.40%	0.092%
58	18.066	2590	2592	2599	rBV8	16501	27524	0.44%	0.103%
59	18.466	2657	2660	2665	rBV4	39341	67135	1.08%	0.250%
60	19.471	2827	2831	2836	rBV4	57644	97934	1.58%	0.365%
61	19.670	2862	2865	2870	rVB2	59193	80082	1.29%	0.298%
62	19.976	2912	2917	2927	rVB	569516	831797	13.39%	3.098%
63	20.446	2994	2997	3001	rBV	304039	355332	5.72%	1.323%
64	20.481	3001	3003	3009	rVB4	77909	83186	1.34%	0.310%
65	21.174	3118	3121	3125	rBV6	71537	86000	1.38%	0.320%
66	21.503	3172	3177	3187	rVB2	1078123	1635398	26.34%	6.091%
67	21.897	3239	3244	3249	rVB	448780	748755	12.06%	2.789%
68	22.079	3272	3275	3281	rVB2	148652	224915	3.62%	0.838%
69	22.737	3380	3387	3396	rVB	3692284	6209879	100.00%	23.129%
70	23.836	3569	3574	3583	rVB2	223795	479756	7.73%	1.787%
71	24.335	3651	3659	3665	rBV	1471439	3352321	53.98%	12.486%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102615\
Data File : BG019365.D
Acq On : 26 Oct 2015 18:30
Operator : UM/NP
Sample : G4075-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\METHODS\SOM02.2-EPA-BG102315.M
Title : SVOA CALIBRATION

72	24.388	3665	3668	3677	rVB3	499299	1020385	16.43%	3.800%
73	25.070	3778	3784	3793	rVB2	280116	749162	12.06%	2.790%
74	25.305	3818	3824	3838	rVB3	248122	825387	13.29%	3.074%
75	26.580	4034	4041	4050	rVB2	332557	944992	15.22%	3.520%
76	26.697	4055	4061	4073	rVB2	377332	1163184	18.73%	4.332%

Sum of corrected areas: 26849402

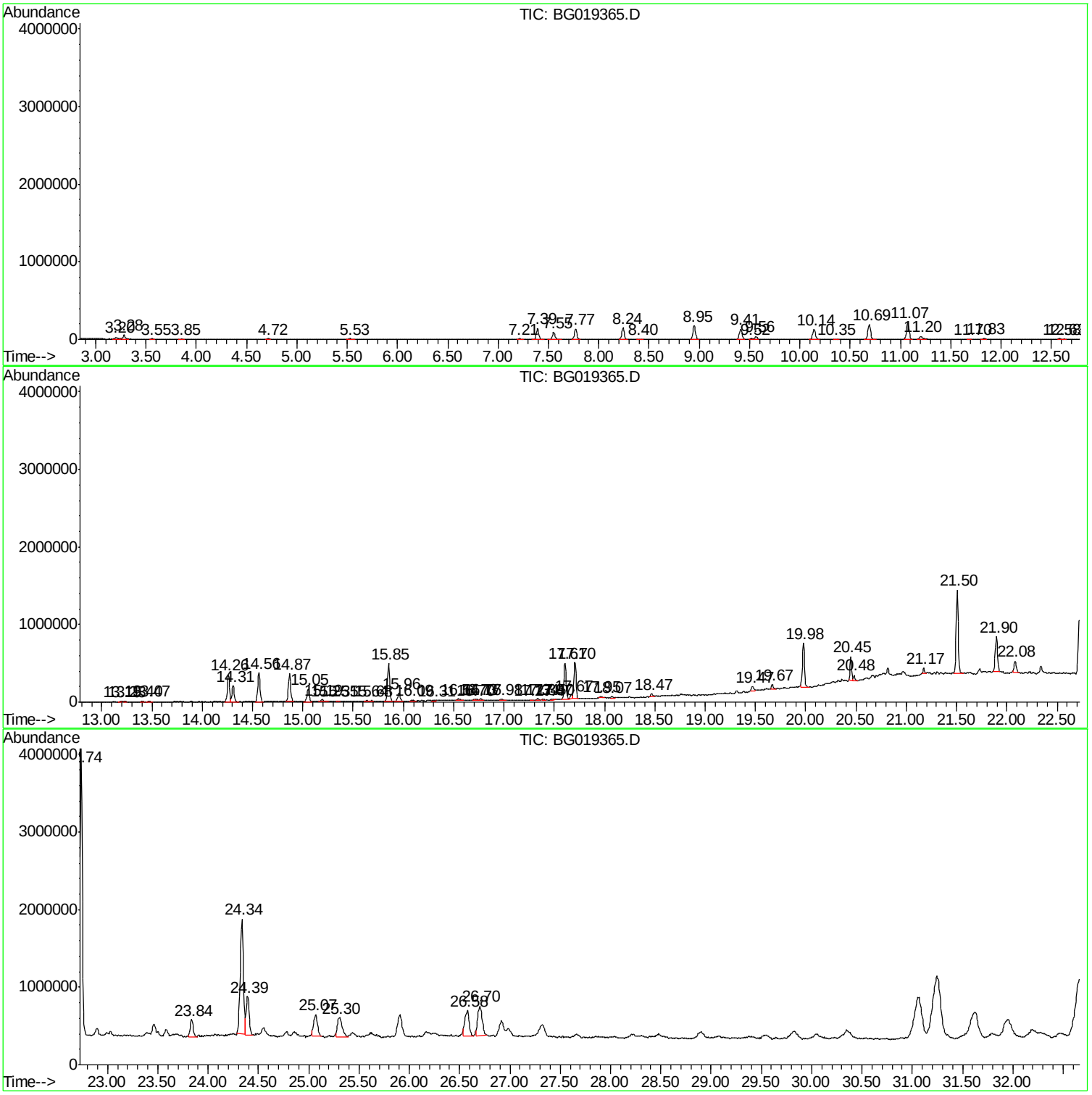
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102615\
Data File : BG019365.D
Acq On : 26 Oct 2015 18:30
Operator : UM/NP
Sample : G4075-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102615\
Data File : BG019365.D
Acq On : 26 Oct 2015 18:30
Operator : UM/NP
Sample : G4075-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

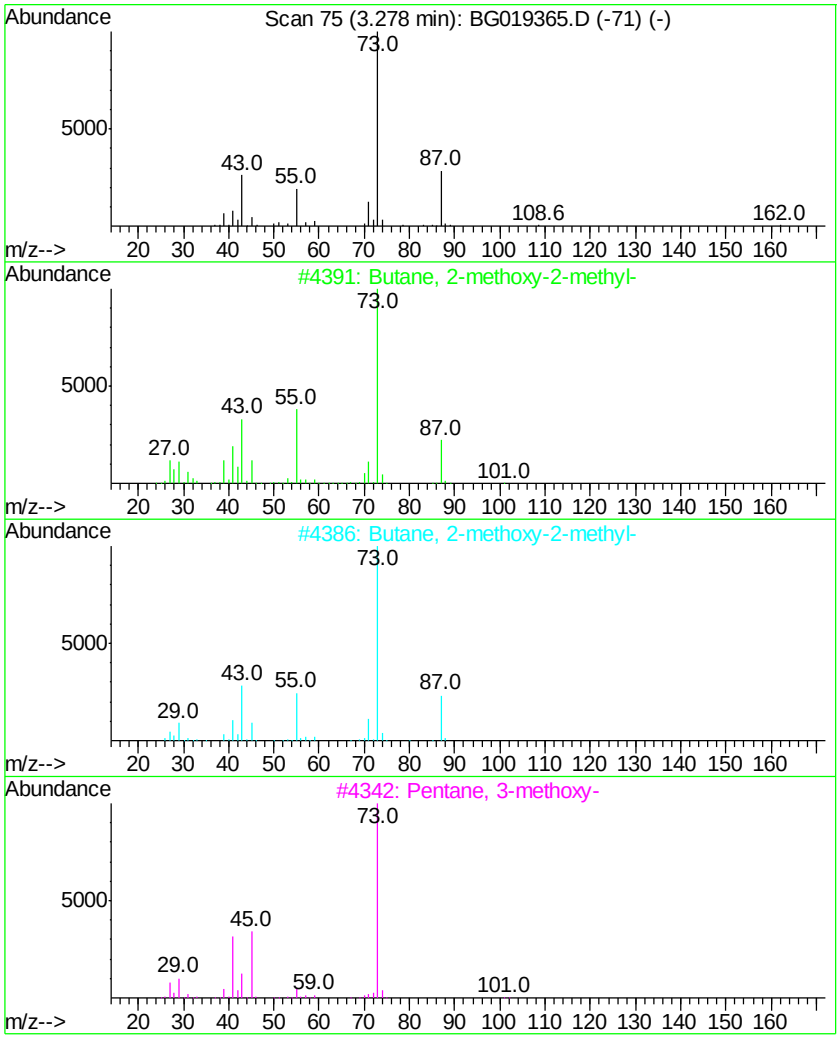
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

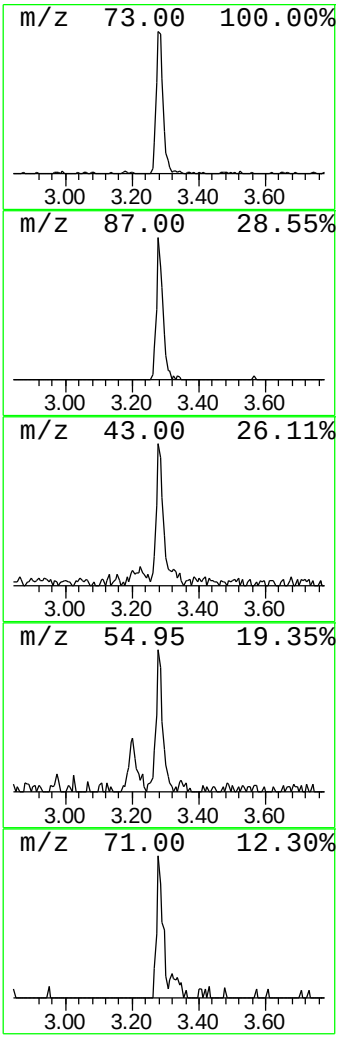
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	6.29 ng/ul	79656	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	38
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102615\
Data File : BG019365.D
Acq On : 26 Oct 2015 18:30
Operator : UM/NP
Sample : G4075-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

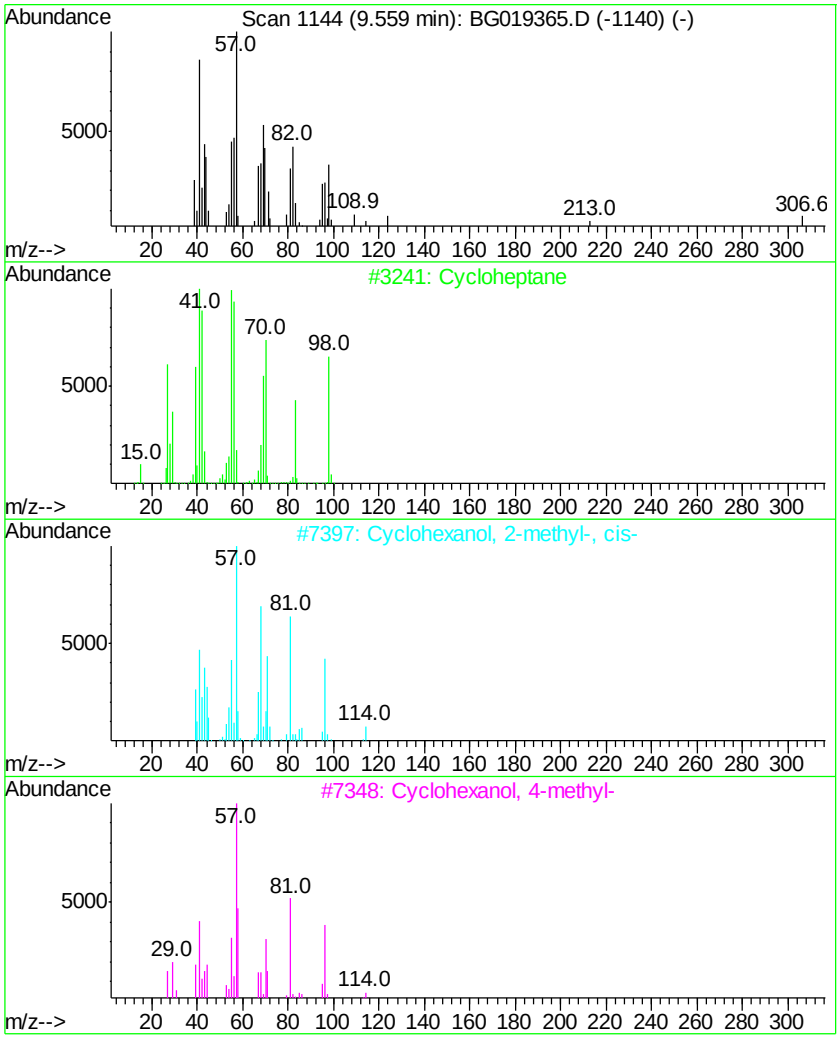
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

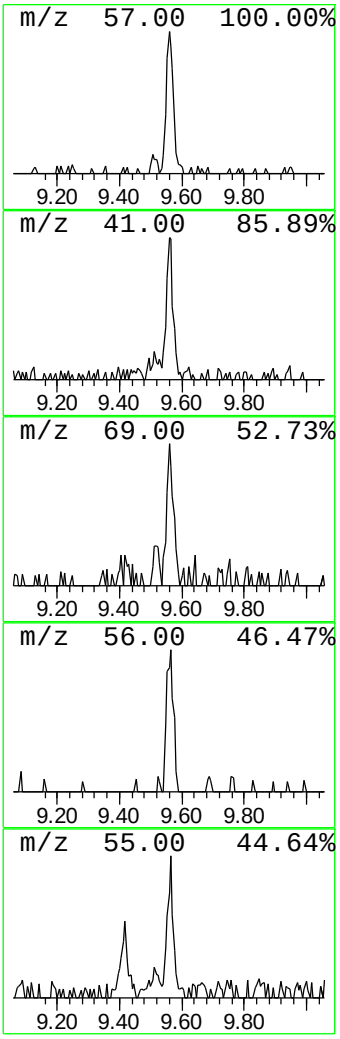
****

Peak Number 3 (DEL) Alkane: Cyclic9.56 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	4.70 ng/ul	59512	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane	98	C7H14	000291-64-5	30
2	Cyclohexanol, 2-methyl-, cis-	114	C7H14O	007443-70-1	30
3	Cyclohexanol, 4-methyl-	114	C7H14O	000589-91-3	27
4	Cycloheptane	98	C7H14	000291-64-5	27
5	2-Hexene, 5-methyl-, (E)-	98	C7H14	007385-82-2	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102615\
Data File : BG019365.D
Acq On : 26 Oct 2015 18:30
Operator : UM/NP
Sample : G4075-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

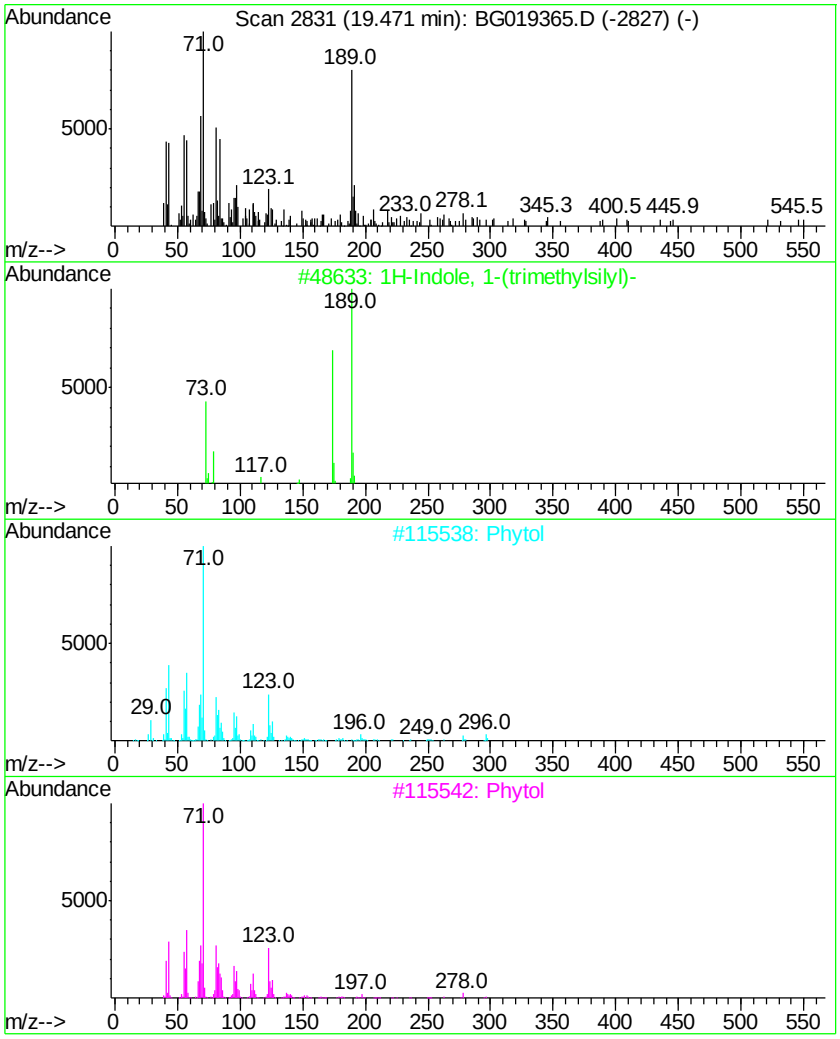
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

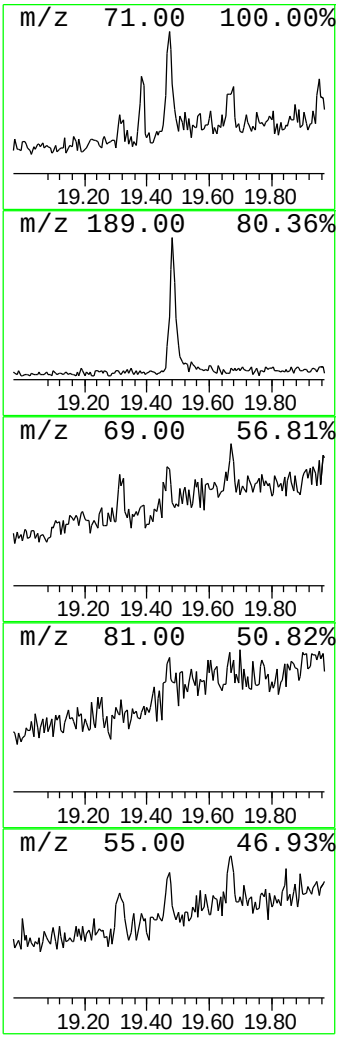
****

Peak Number 4 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	2.70 ng/ul	97934	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 1-(trimethylsilyl)-	189	C11H15NSi	017983-42-5	38
2	Phytol	296	C20H40O	000150-86-7	30
3	Phytol	296	C20H40O	000150-86-7	30
4	5-Chloropentanoic acid, 2-tetrah...	220	C10H17ClO3	1000293-48-8	27
5	2-Heptenoic acid, (E,4S)-4-((R)-...	387	C19H24F3NO4	1000163-59-1	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102615\
Data File : BG019365.D
Acq On : 26 Oct 2015 18:30
Operator : UM/NP
Sample : G4075-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

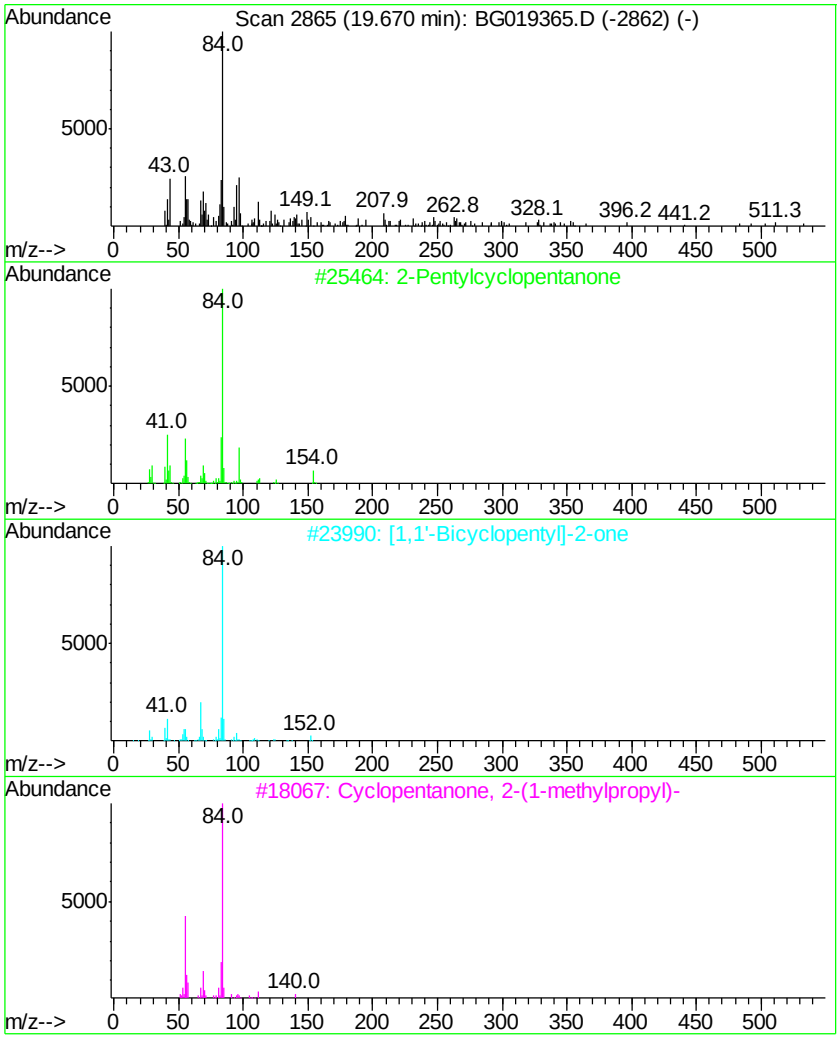
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

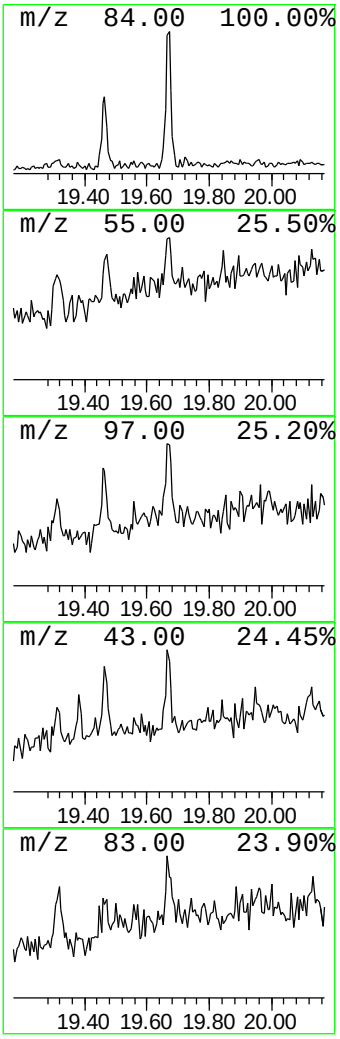
****

Peak Number 5 2-Pentylcyclopentanone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	2.21 ng/ul	80082	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentylcyclopentanone	154	C10H18O	1000191-05-3	53
2	[1,1'-Bicyclopentyl]-2-one	152	C10H16O	004884-24-6	47
3	Cyclopentanone, 2-(1-methylpropyl)-	140	C9H16O	006376-92-7	47
4	4-Methylproline methyl ester	143	C7H13NO2	145730-69-4	46
5	Cyclohexylamine, N-ethyl-	127	C8H17N	005459-93-8	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102615\
Data File : BG019365.D
Acq On : 26 Oct 2015 18:30
Operator : UM/NP
Sample : G4075-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

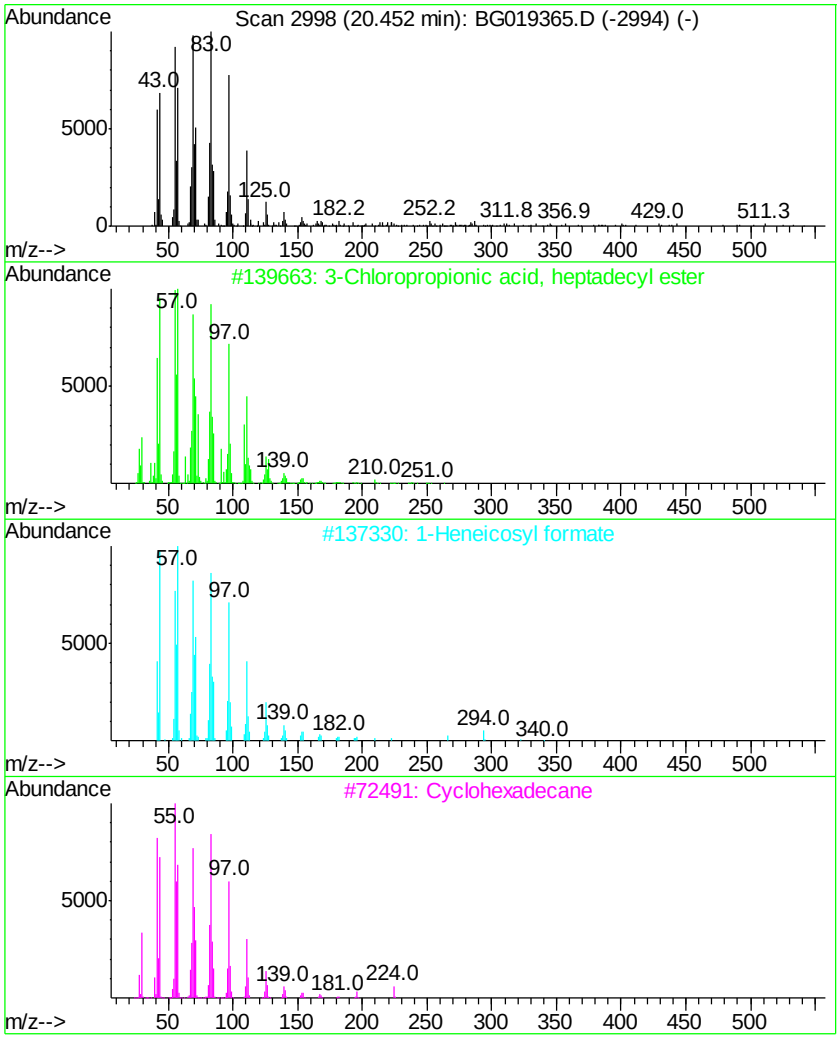
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

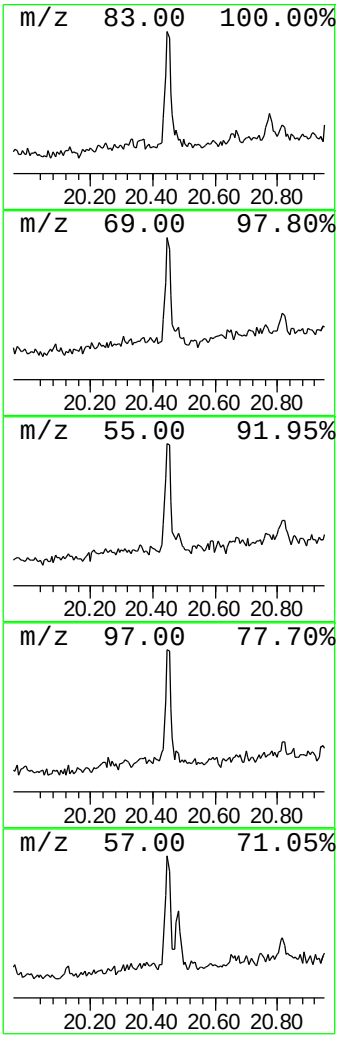
****

Peak Number 6 3-Chloropropionic acid, hep... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	9.49 ng/ul	355332	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	90
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
3	Cyclohexadecane	224	C16H32	000295-65-8	83
4	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	83
5	1-Hexadecanol	242	C16H34O	036653-82-4	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102615\
Data File : BG019365.D
Acq On : 26 Oct 2015 18:30
Operator : UM/NP
Sample : G4075-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

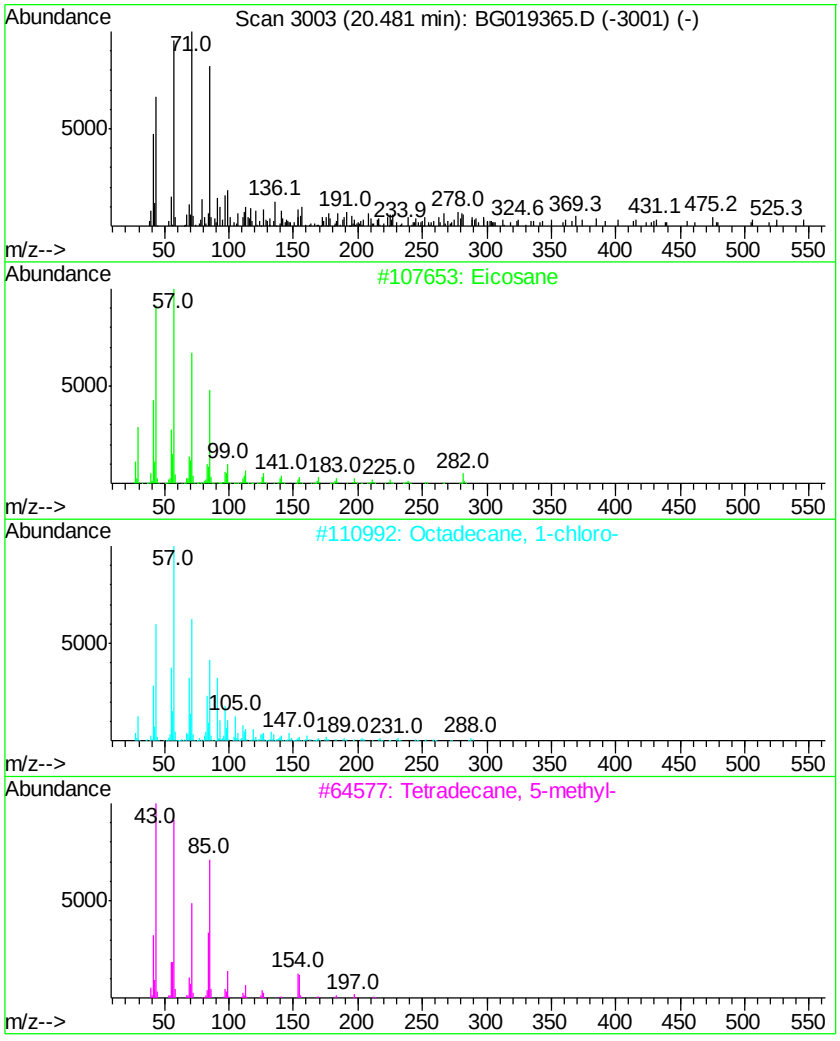
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

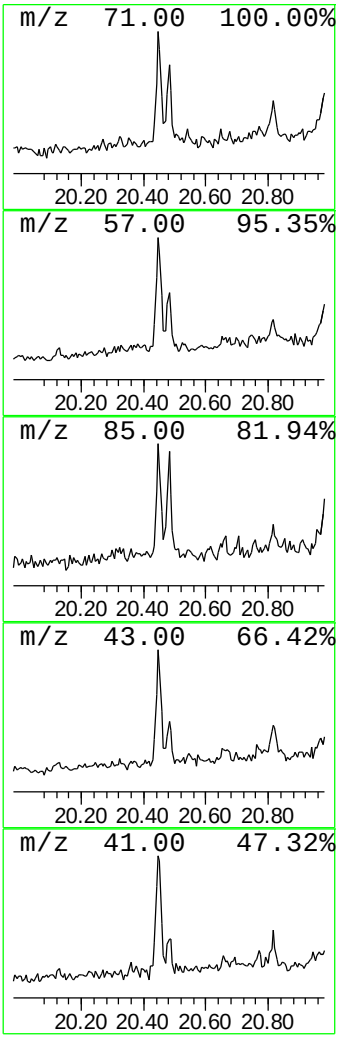
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.48	2.22 ng/ul	83186	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	80
3	Tetradecane, 5-methyl-	212	C15H32	025117-32-2	53
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	49
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102615\
Data File : BG019365.D
Acq On : 26 Oct 2015 18:30
Operator : UM/NP
Sample : G4075-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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

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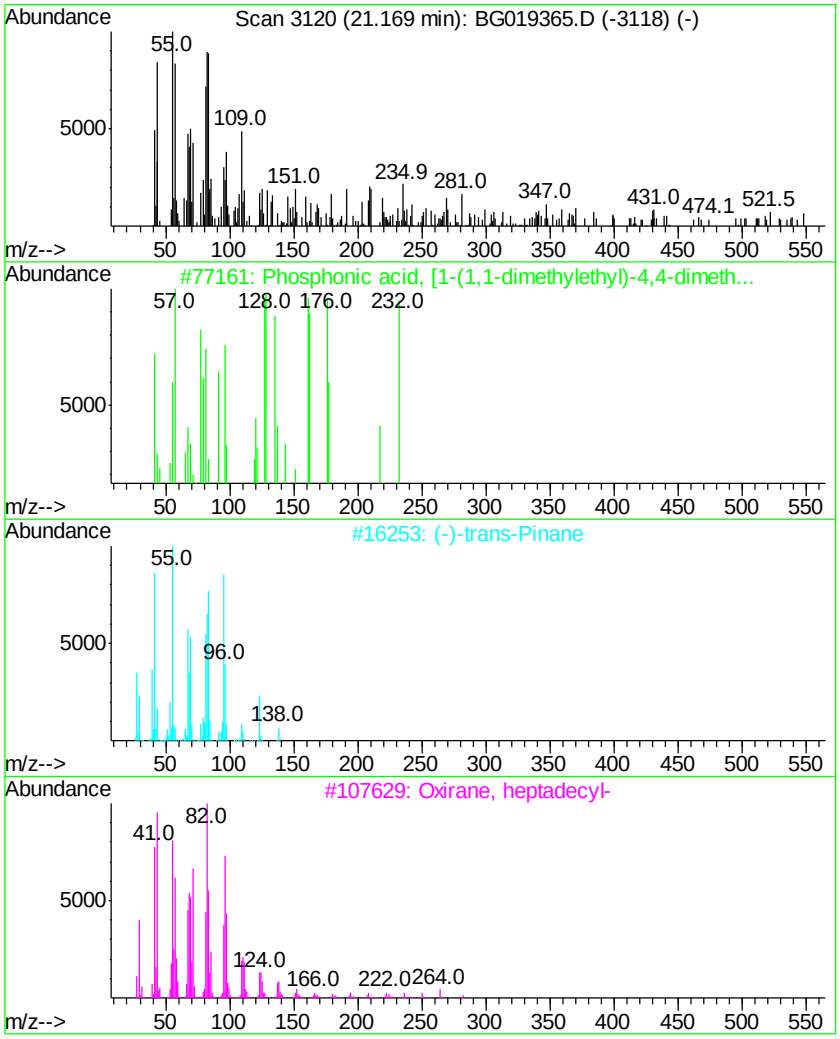
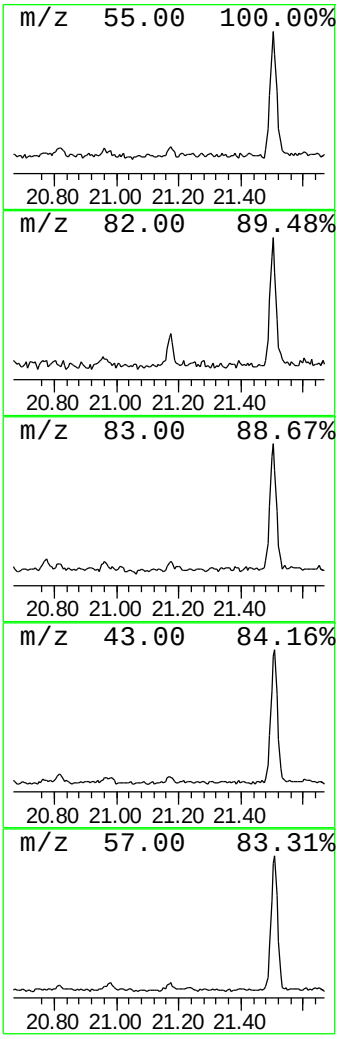
Peak Number 8 Phosphonic acid, [1-(1,1-di... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	2.30 ng/ul	86000	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphonic acid, [1-(1,1-dimethy...	232	C11H21O3P	042087-76-3	59
2	(-)-trans-Pinane	138	C10H18	033626-25-4	52
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	52
4	Z-2-Dodecenol	184	C12H24O	069064-36-4	49
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	46





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Data File : BG019365.D
Acq On : 26 Oct 2015 18:30
Operator : UM/NP
Sample : G4075-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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

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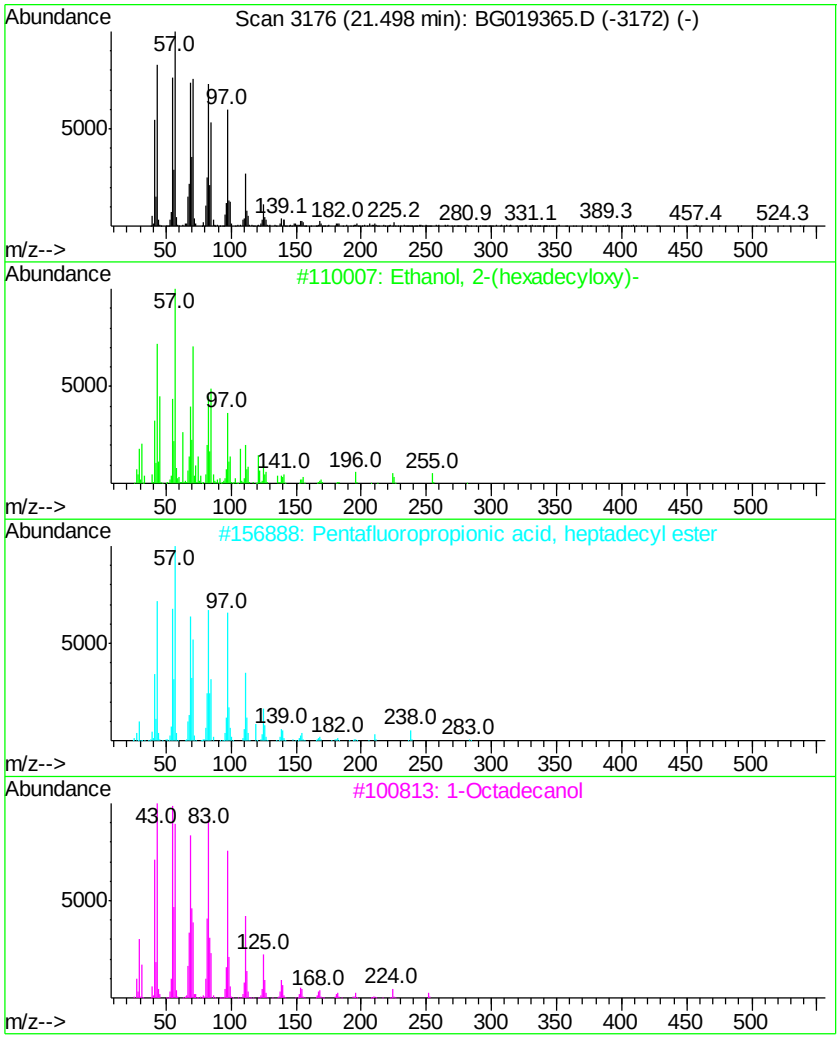
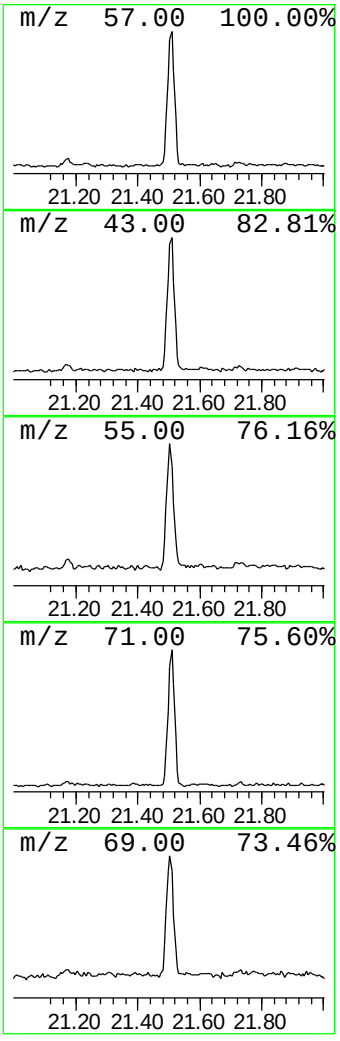
Peak Number 9 Ethanol, 2-(hexadecyloxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	43.68 ng/ul	1635400	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	68
3	1-Octadecanol	270	C18H38O	000112-92-5	64
4	Cyclotetradecane	196	C14H28	000295-17-0	58
5	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	58





Library Search Compound Report

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Sample : G4075-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J6

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Quant Title : SVOA CALIBRATION

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

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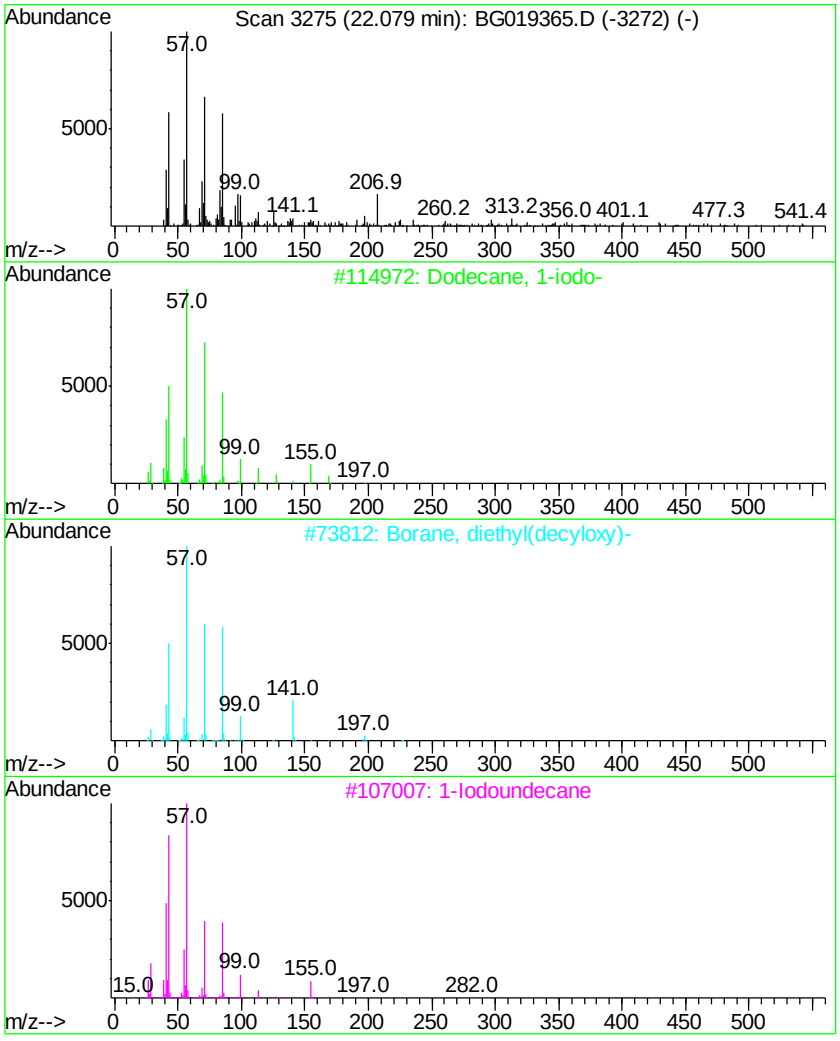
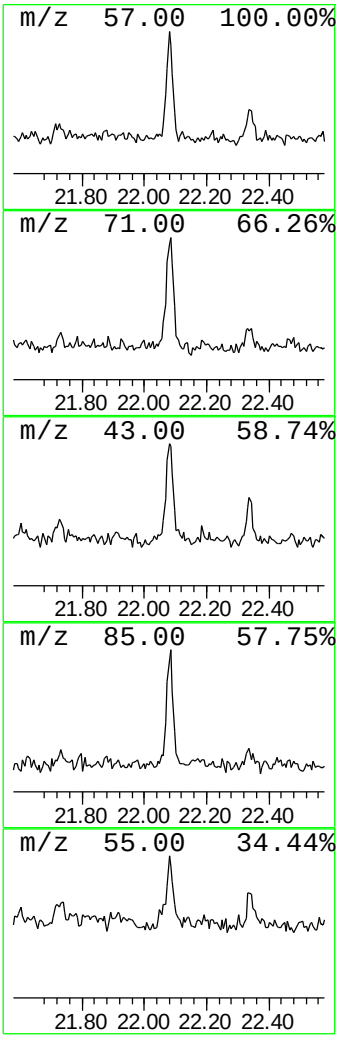
Peak Number 10 Dodecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.08	6.01 ng/ul	224915	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
2	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	72
3	1-Iodoundecane	282	C11H23I	004282-44-4	72
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5	Butanal, 4-[(tetrahydro-2H-pyran...	172	C9H16O3	054911-85-2	64





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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

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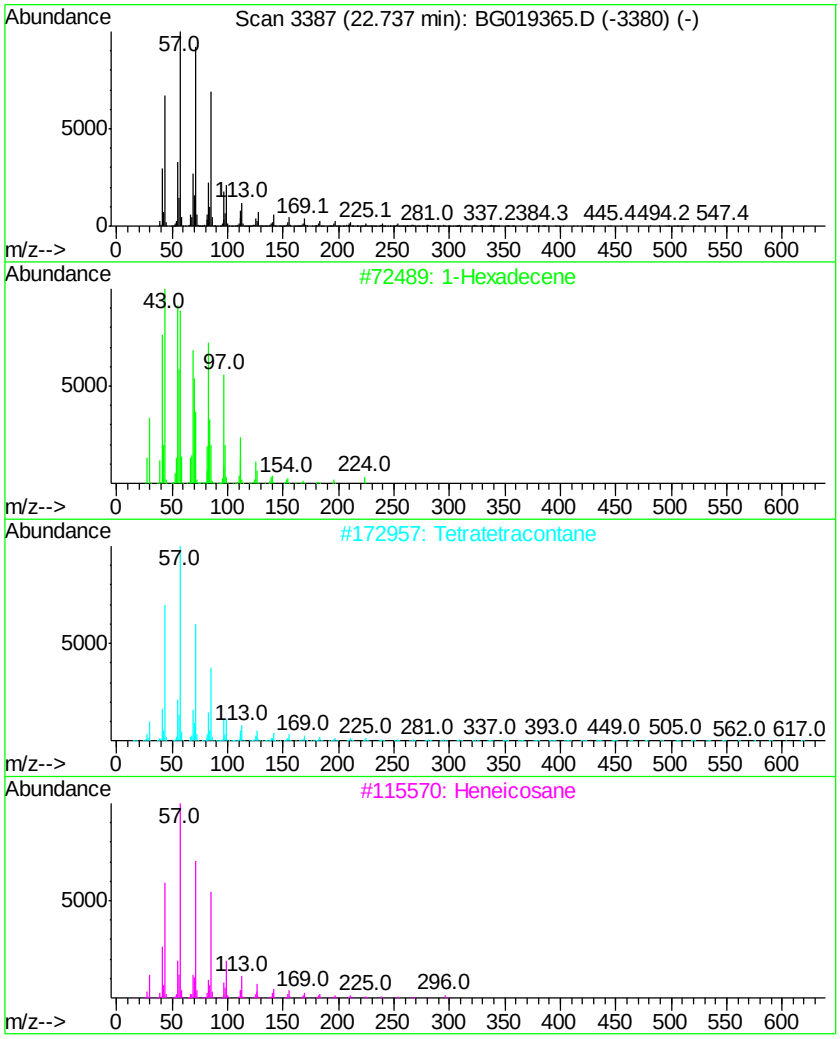
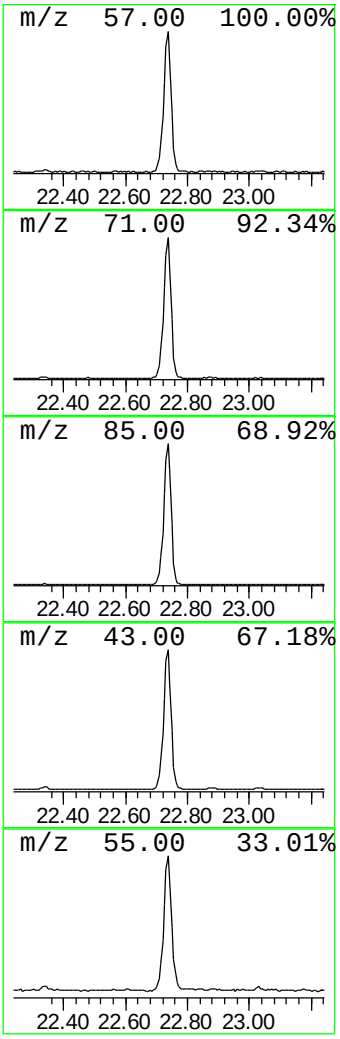
Peak Number 11 (DEL) Alkane: Cyclic22.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	165.87 ng/ul	6209880	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene	224	C16H32	000629-73-2	90
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Heneicosane	296	C21H44	000629-94-7	83
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	76
5	Octacosane	394	C28H58	000630-02-4	74





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Operator : UM/NP
Sample : G4075-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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

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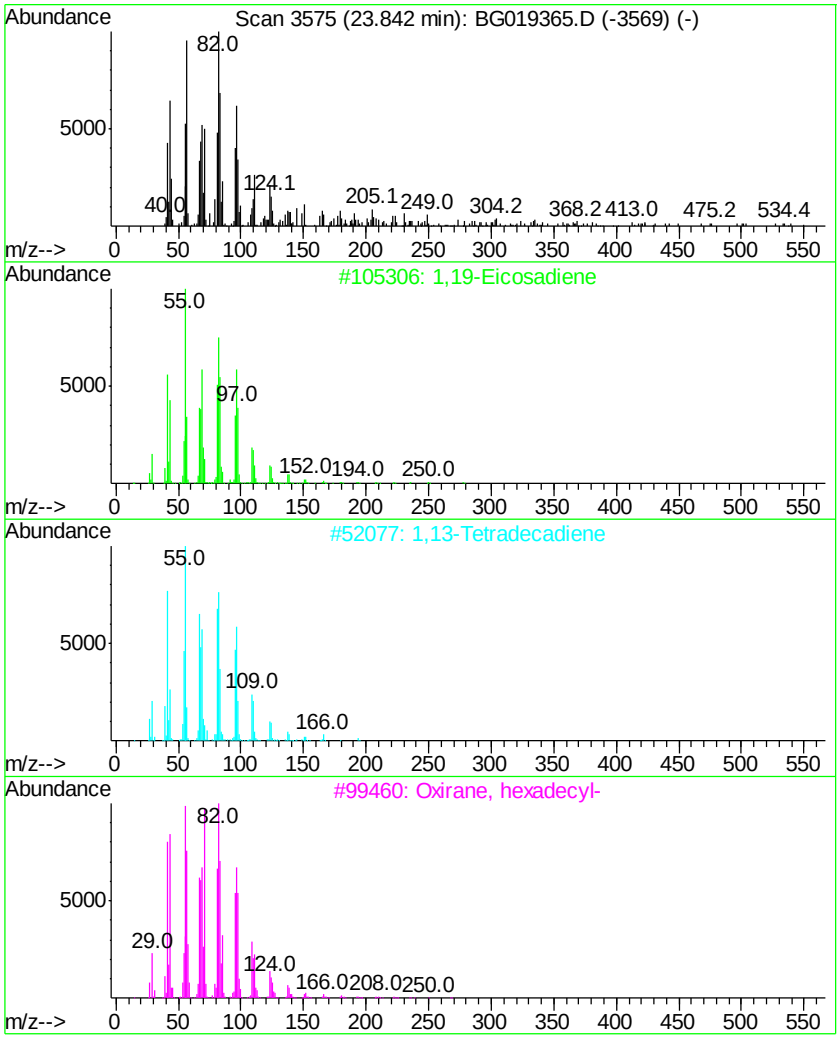
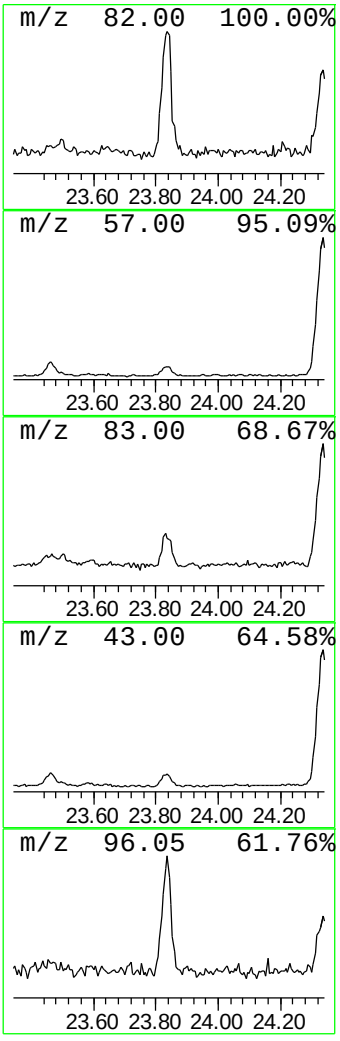
Peak Number 12 (DEL) Alkane: Branched23.84 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	11.63 ng/ul	479756	Perylene-d12	25.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	93
2	1,13-Tetradecadiene	194	C14H26	021964-49-8	90
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	86
4	Pentadecanal-	226	C15H30O	002765-11-9	80
5	1,13-Tetradecadiene	194	C14H26	021964-49-8	76





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Operator : UM/NP
Sample : G4075-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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

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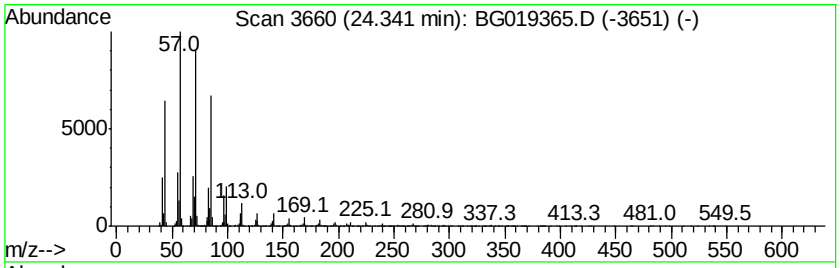
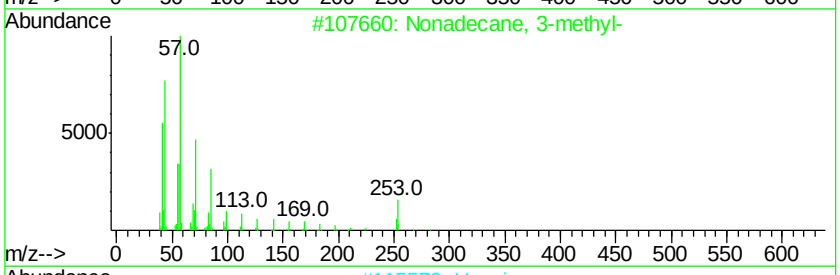
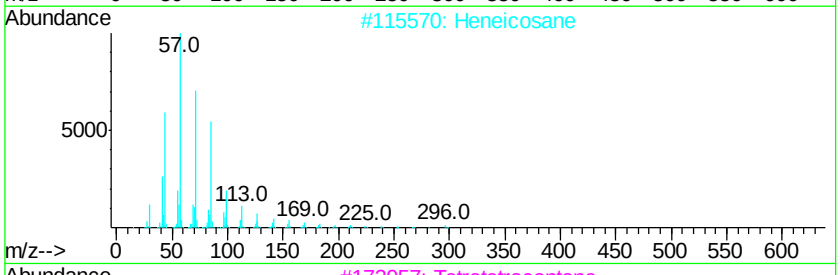
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 2

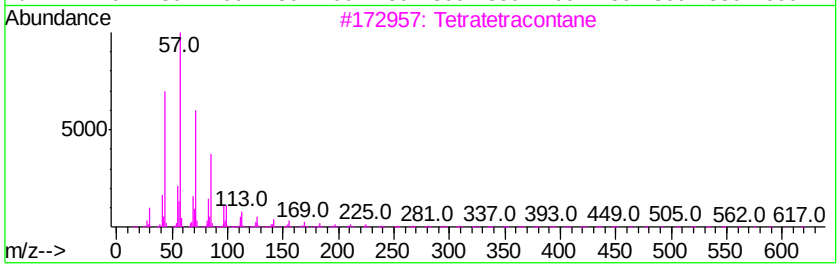
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.34	81.23 ng/ul	3352320	Perylene-d12	25.30

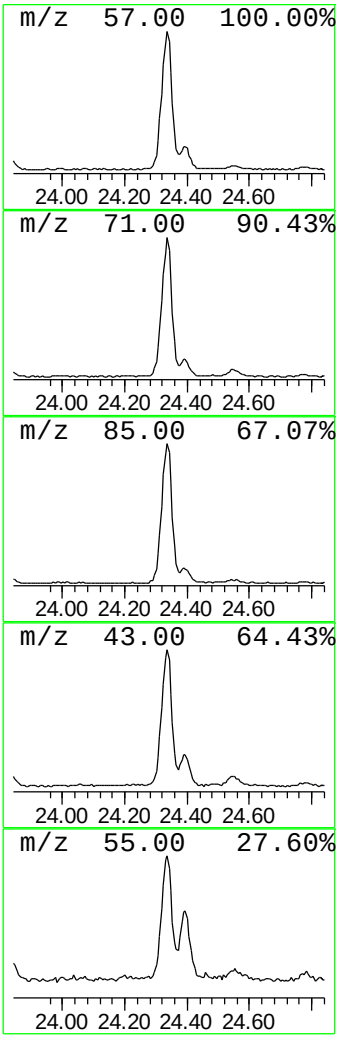
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 3-methyl-	282	C20H42	006418-45-7	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	87
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87











Library Search Compound Report

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Sample : G4075-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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

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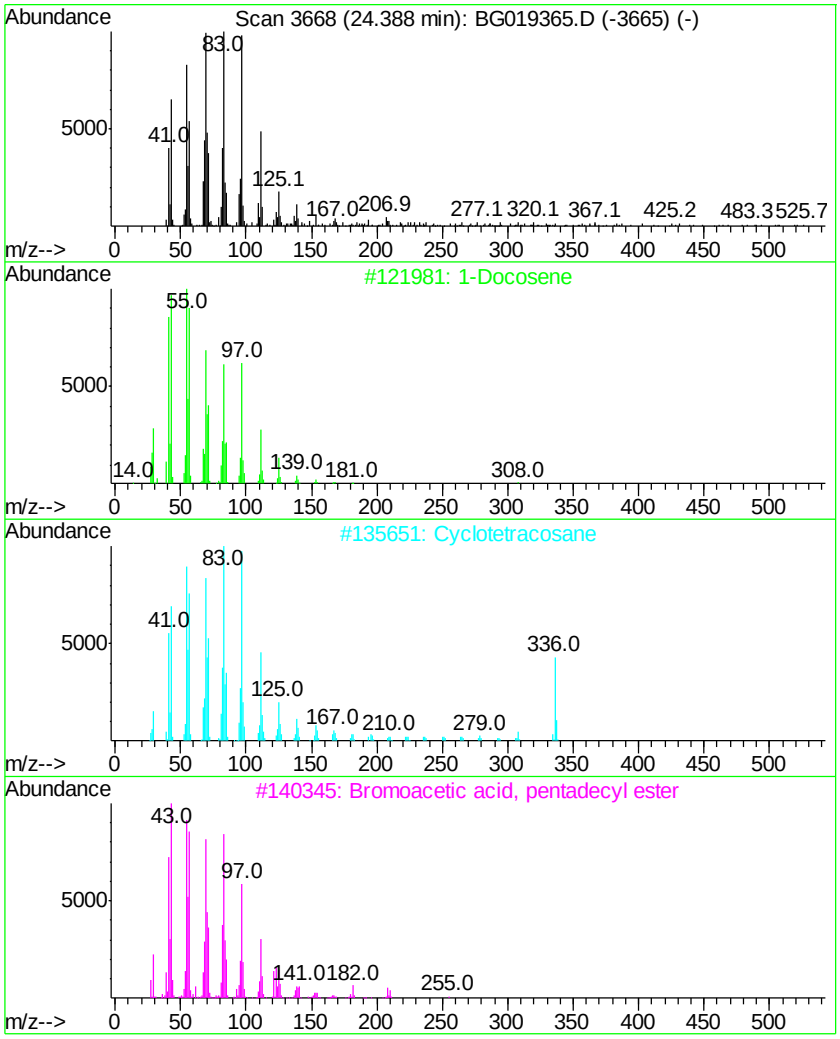
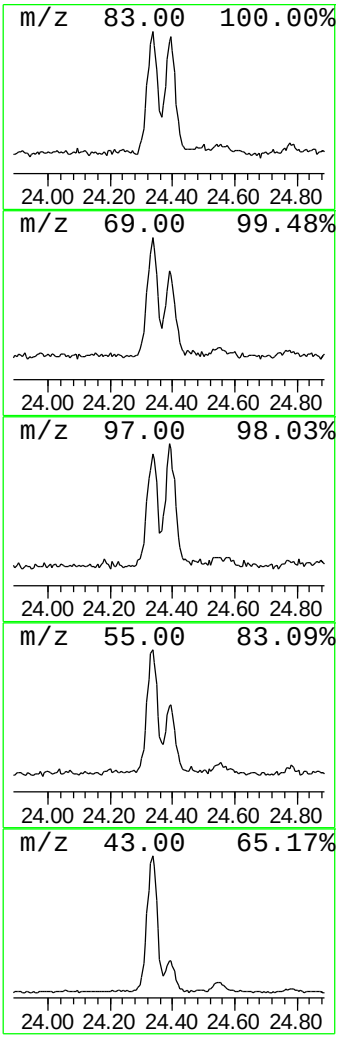
Peak Number 14 (DEL) Alkane: Cyclic24.39 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.39	24.73 ng/ul	1020390	Perylene-d12	25.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	83
2	Cyclotetracosane	336	C24H48	000297-03-0	70
3	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	64
4	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	60
5	Thieno[2,3-d]-1,3-thiaselenol-2-...	238	C5H2S3Se	081803-09-0	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102615\
Data File : BG019365.D
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Operator : UM/NP
Sample : G4075-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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

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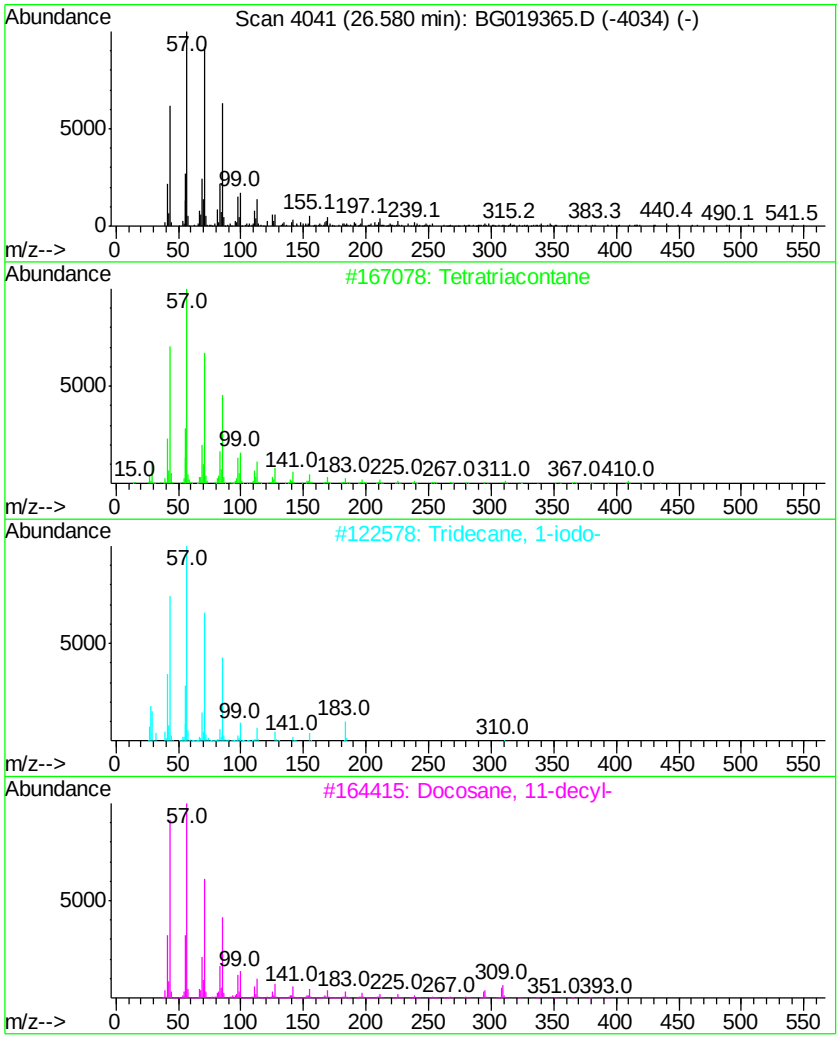
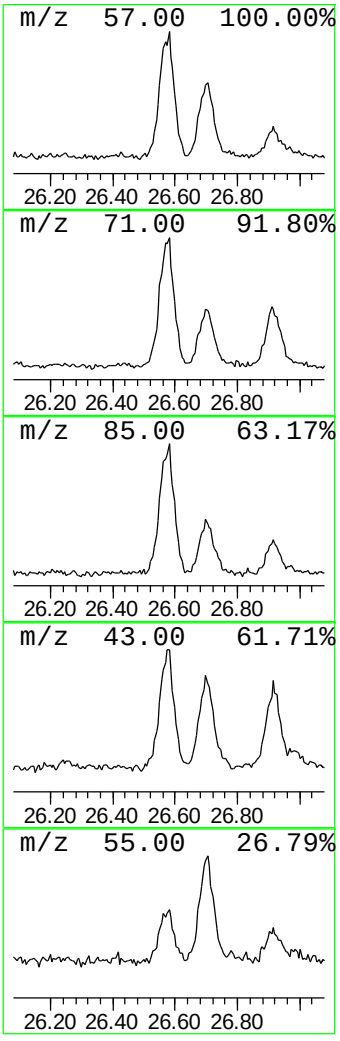
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.58	22.90 ng/ul	944992	Perylene-d12	25.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	Docosane, 11-decyl-	451	C32H66	055401-55-3	90
4	Hexacosane, 9-octyl-	479	C34H70	055429-83-9	90
5	Nonacosane	408	C29H60	000630-03-5	83





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Sample : G4075-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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

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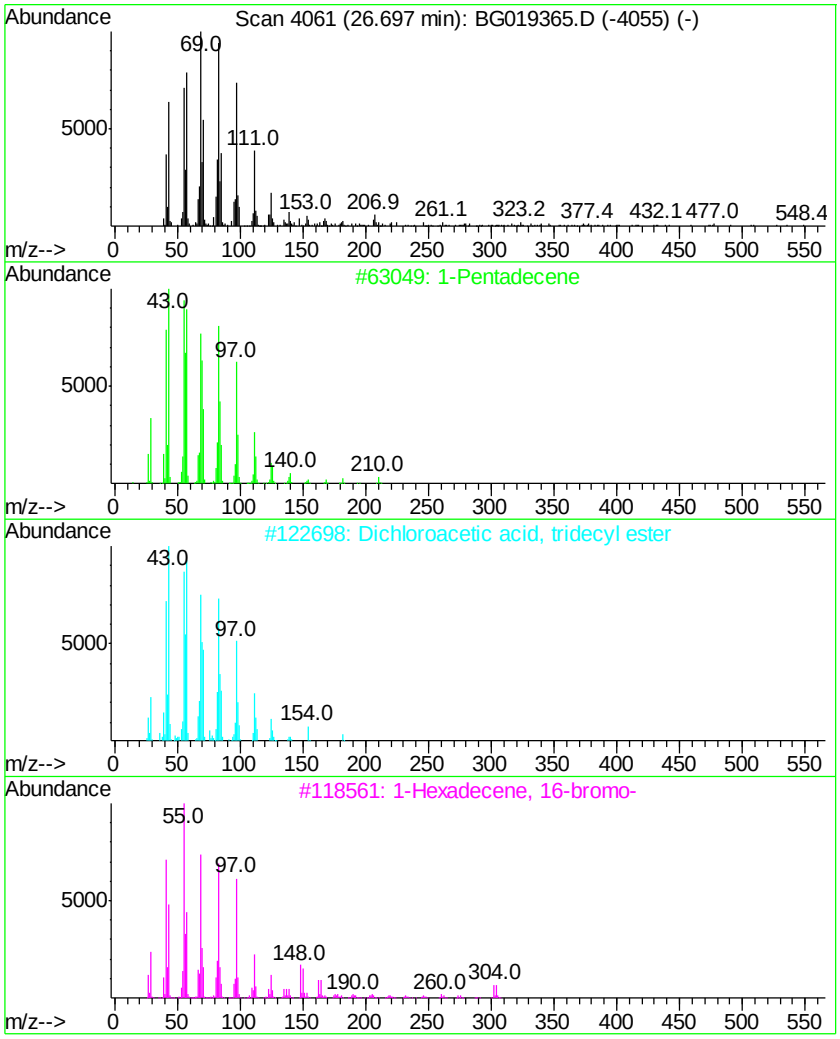
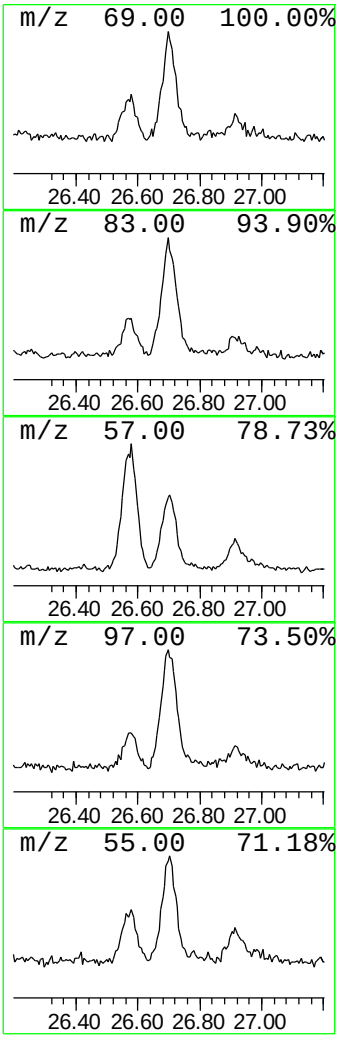
Peak Number 16 (DEL) Alkane: Cyclic26.70 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.70	28.19 ng/ul	1163180	Perylene-d12	25.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecene	210	C15H30	013360-61-7	86
2	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	86
3	1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	72
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	70
5	2-Methyl-7-nonadecene	280	C20H40	219750-68-2	60





Tentatively Identified Compound (LSC) summary

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Misc :
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ClientSampleId : JG9J6

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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
Butane, 2-methoxy...	3.28	6.3	ng/ul	79656	1	8.24	253440	20.0
(DEL) Alkane: Cyc...	9.56	4.7	ng/ul	59512	1	8.24	253440	20.0
unknown-01	19.47	2.7	ng/ul	97934	4	17.61	725767	20.0
2-Pentylcyclopent...	19.67	2.2	ng/ul	80082	4	17.61	725767	20.0
3-Chloropropionic...	20.45	9.5	ng/ul	355332	5	21.90	748755	20.0
(DEL) Alkane: Str...	20.48	2.2	ng/ul	83186	5	21.90	748755	20.0
Phosphonic acid, ...	21.17	2.3	ng/ul	86000	5	21.90	748755	20.0
Ethanol, 2-(hexad...	21.50	43.7	ng/ul	1635400	5	21.90	748755	20.0
Dodecane, 1-iodo-	22.08	6.0	ng/ul	224915	5	21.90	748755	20.0
(DEL) Alkane: Cyc...	22.74	165.9	ng/ul	6209880	5	21.90	748755	20.0
(DEL) Alkane: Bra...	23.84	11.6	ng/ul	479756	6	25.30	825387	20.0
(DEL) Alkane: Str...	24.34	81.2	ng/ul	3352320	6	25.30	825387	20.0
(DEL) Alkane: Cyc...	24.39	24.7	ng/ul	1020390	6	25.30	825387	20.0
(DEL) Alkane: Str...	26.58	22.9	ng/ul	944992	6	25.30	825387	20.0
(DEL) Alkane: Cyc...	26.70	28.2	ng/ul	1163180	6	25.30	825387	20.0