LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043137.D
Acq On : 10 Oct 2019 14:48
Operator : JU
Sample : K5097-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLM82

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.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	3.161	6	12	20	rBV	223295	414533	32.31%	2.792%
2	3.238	20	25	38	rVB	414120	645917	50.35%	4.350%
3	3.502	67	70	74	rVB4	6154	7907	0.62%	0.053%
4	3.796	118	120	122	rVB3	1997	1613	0.13%	0.011%
5	3.866	130	132	134	rBV3	1773	2021	0.16%	0.014%
6	4.149	175	180	184	rBV4	4603	9257	0.72%	0.062%
7	4.248	194	197	200	rBV5	3348	5267	0.41%	0.035%
8	4.595	253	256	261	rVB3	1540	2703	0.21%	0.018%
9	4.930	312	313	317	rVB	2178	1998	0.16%	0.013%
10	5.159	348	352	358	rVB3	9558	13184	1.03%	0.089%
11	5.241	365	366	370	rBV2	2299	2336	0.18%	0.016%
12	5.306	375	377	380	rVB	2566	2332	0.18%	0.016%
13	5.447	397	401	404	rBV4	1098	1772	0.14%	0.012%
14	5.753	451	453	456	rBV	1333	1712	0.13%	0.012%
15	5.946	479	486	487	rBV	1153	2089	0.16%	0.014%
16	6.663	605	608	610	rVB	1547	1599	0.12%	0.011%
17	7.227	696	704	719	rBV	88540	228994	17.85%	1.542%
18	7.380	724	730	741	rBV	74745	145560	11.35%	0.980%
19	7.592	759	766	780	rBV	109212	216846	16.90%	1.460%
20	7.768	792	796	798	rBV2	1527	1784	0.14%	0.012%
21	8.056	836	845	856	rBV2	138070	272466	21.24%	1.835%
22	8.132	856	858	861	rVB3	2287	2368	0.18%	0.016%
23	8.767	957	966	977	rBV	111982	258712	20.17%	1.742%
24	8.878	984	985	992	rVB6	3328	3376	0.26%	0.023%
25	9.213	1035	1042	1052	rBV	108929	226901	17.69%	1.528%
26	9.478	1086	1087	1091	rBV	1244	1721	0.13%	0.012%
27	9.636	1111	1114	1120	rVB3	2880	3929	0.31%	0.026%
28	9.936	1158	1165	1175	rBV3	89479	195524	15.24%	1.317%
29	10.030	1180	1181	1186	rVB2	2156	2561	0.20%	0.017%
30	10.488	1251	1259	1266	rBV2	112502	251497	19.60%	1.694%
31	10.858	1314	1322	1332	rBV	201955	393476	30.67%	2.650%
32	10.999	1339	1346	1356	rBV2	83876	214715	16.74%	1.446%
33	11.205	1379	1381	1384	rVB	1840	1741	0.14%	0.012%
34	12.409	1581	1586	1589	rBV	1158	1734	0.14%	0.012%

LSC Area Percent Report

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Acq On : 10 Oct 2019 14:48
Operator : JU
Sample : K5097-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLM82

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Title : SVOA CALIBRATION

35	12.462	1589	1595	1596	rBV2	1536	2581	0.20%	0.017%
36	14.078	1861	1870	1875	rBV	346804	545702	42.54%	3.675%
37	14.125	1875	1878	1889	rVB2	81992	130740	10.19%	0.880%
38	14.372	1912	1920	1933	rBV2	371114	640671	49.94%	4.314%
39	14.677	1965	1972	1983	rBV2	383418	630772	49.17%	4.248%
40	14.912	2001	2012	2027	rBV4	27282	124003	9.67%	0.835%
41	15.095	2041	2043	2045	rBV3	3103	2902	0.23%	0.020%
42	15.377	2087	2091	2094	rVB3	2248	3101	0.24%	0.021%
43	15.664	2133	2140	2150	rBV	472372	819827	63.90%	5.521%
44	15.782	2154	2160	2172	rVB	114397	213951	16.68%	1.441%
45	15.911	2178	2182	2191	rVB6	7489	14494	1.13%	0.098%
46	16.076	2208	2210	2215	rVB2	1605	1638	0.13%	0.011%
47	16.798	2330	2333	2337	rVB	1725	2313	0.18%	0.016%
48	17.339	2421	2425	2429	rVB	1550	1661	0.13%	0.011%
49	17.421	2432	2439	2449	rBV2	516196	842900	65.70%	5.676%
50	17.521	2449	2456	2467	rVV2	533060	909870	70.92%	6.127%
51	17.727	2490	2491	2495	rVB3	1356	1649	0.13%	0.011%
52	17.785	2498	2501	2503	rBV2	1385	1739	0.14%	0.012%
53	17.909	2518	2522	2524	rBV4	2014	2270	0.18%	0.015%
54	18.256	2578	2581	2582	rBV2	1390	1641	0.13%	0.011%
55	18.285	2582	2586	2587	rVB	2167	2163	0.17%	0.015%
56	18.314	2587	2591	2593	rBV3	9534	15182	1.18%	0.102%
57	18.350	2595	2597	2598	rVV2	3304	1813	0.14%	0.012%
58	18.461	2615	2616	2619	rVB2	2433	1869	0.15%	0.013%
59	18.502	2621	2623	2625	rVV2	2066	1775	0.14%	0.012%
60	18.602	2639	2640	2642	rVB2	2845	1619	0.13%	0.011%
61	18.731	2658	2662	2664	rBV3	3595	4410	0.34%	0.030%
62	18.808	2672	2675	2678	rBV3	4099	4713	0.37%	0.032%
63	18.961	2699	2701	2703	rVB3	2181	1709	0.13%	0.012%
64	18.996	2703	2707	2708	rVB3	2399	2489	0.19%	0.017%
65	19.219	2742	2745	2750	rBV6	4194	6145	0.48%	0.041%
66	19.337	2763	2765	2768	rBV3	2814	2534	0.20%	0.017%
67	19.442	2779	2783	2788	rBV2	8608	12623	0.98%	0.085%
68	19.695	2822	2826	2829	rVB4	6606	9343	0.73%	0.063%
69	19.801	2838	2844	2863	rBV	814961	1282914	100.00%	8.639%
70	20.059	2885	2888	2891	rBV2	8165	11789	0.92%	0.079%
71	20.177	2907	2908	2910	rBV2	4327	2852	0.22%	0.019%

LSC Area Percent Report

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Data File : BG043137.D
Acq On : 10 Oct 2019 14:48
Operator : JU
Sample : K5097-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLM82

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Title : SVOA CALIBRATION

72	20.330	2931	2934	2938	rVB3	19941	23235	1.81%	0.156%
73	20.400	2944	2946	2947	rBV2	4032	2364	0.18%	0.016%
74	20.823	3016	3018	3023	rVB	18088	20374	1.59%	0.137%
75	21.334	3100	3105	3114	rBV	78488	137134	10.69%	0.923%
76	21.575	3143	3146	3151	rVB2	16566	19267	1.50%	0.130%
77	21.693	3159	3166	3179	rVB	546445	1003344	78.21%	6.757%
78	21.881	3194	3198	3204	rVB4	33639	49975	3.90%	0.337%
79	22.486	3297	3301	3307	rBV	79025	121261	9.45%	0.817%
80	23.179	3413	3419	3428	rVB4	42886	90701	7.07%	0.611%
81	23.984	3552	3556	3565	rVB3	63498	126663	9.87%	0.853%
82	24.683	3666	3675	3689	rVB	465380	1261461	98.33%	8.495%
83	24.907	3703	3713	3728	rVB2	368980	1145663	89.30%	7.715%
84	31.716	4861	4872	4893	rVB10	200955	1047838	81.68%	7.056%

Sum of corrected areas: 14849792

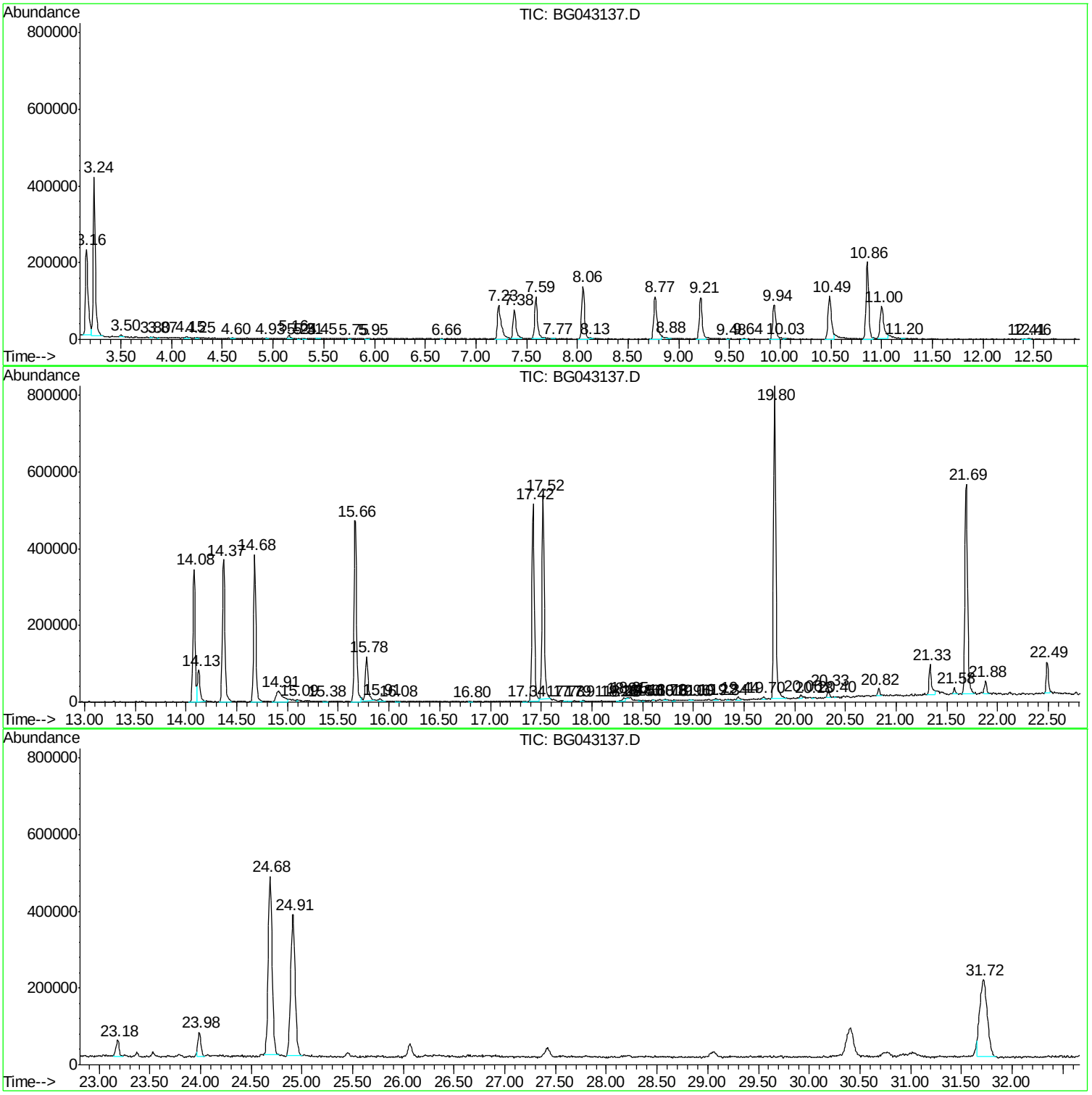
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043137.D
Acq On : 10 Oct 2019 14:48
Operator : JU
Sample : K5097-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JLM82

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043137.D
Acq On : 10 Oct 2019 14:48
Operator : JU
Sample : K5097-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLM82

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

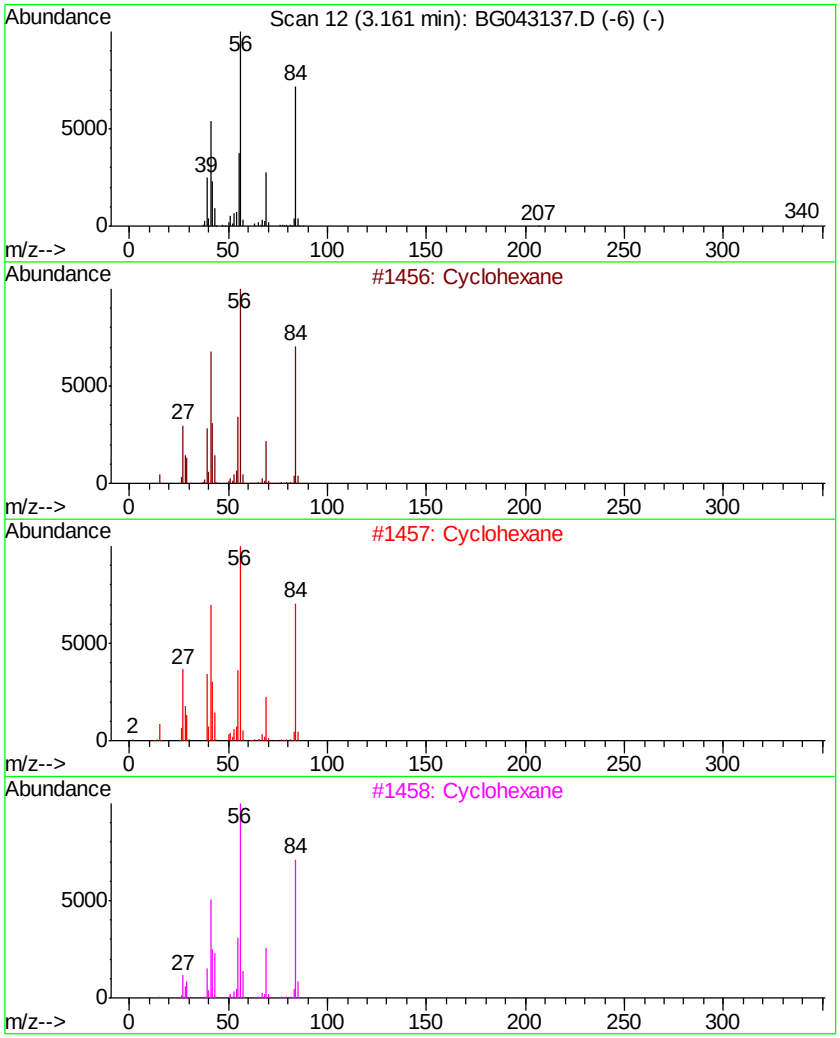
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

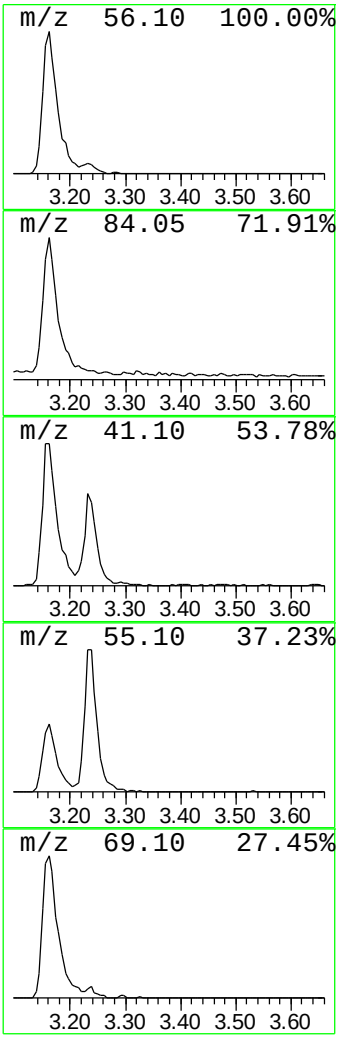
****

Peak Number 1 (DEL) Alkane: Cyclic3.16 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	30.43 ng/ul	414533	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	91
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043137.D
Acq On : 10 Oct 2019 14:48
Operator : JU
Sample : K5097-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLM82

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

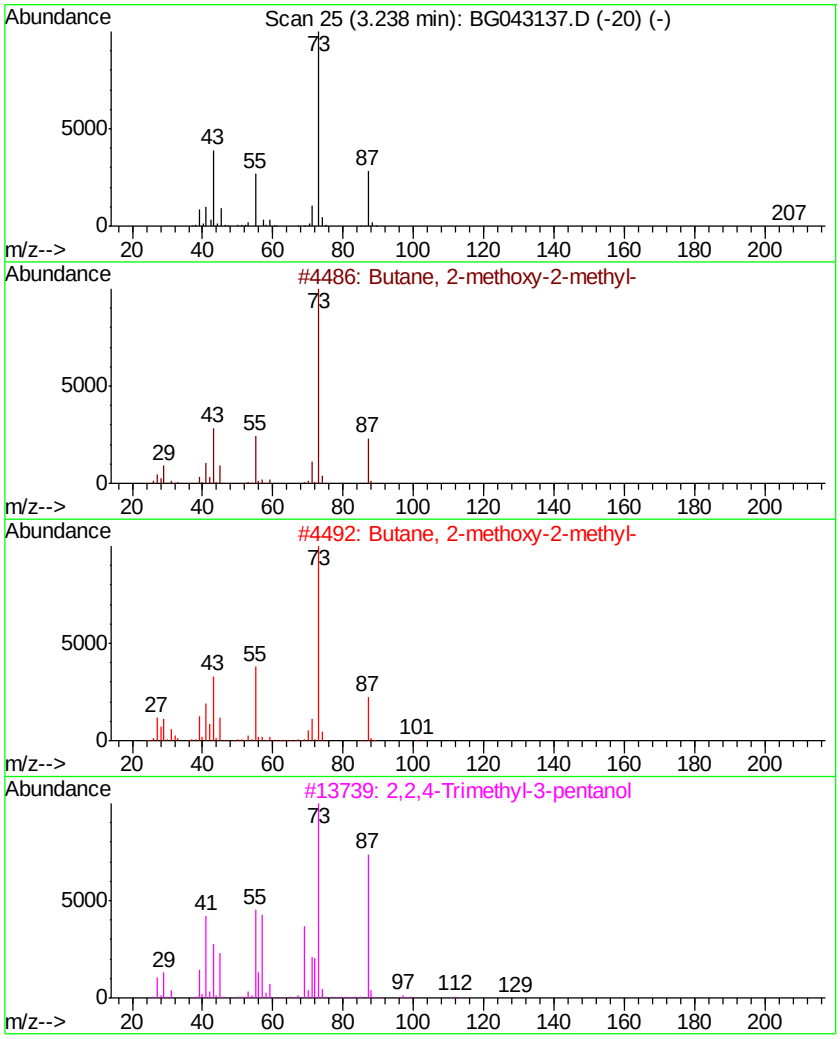
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

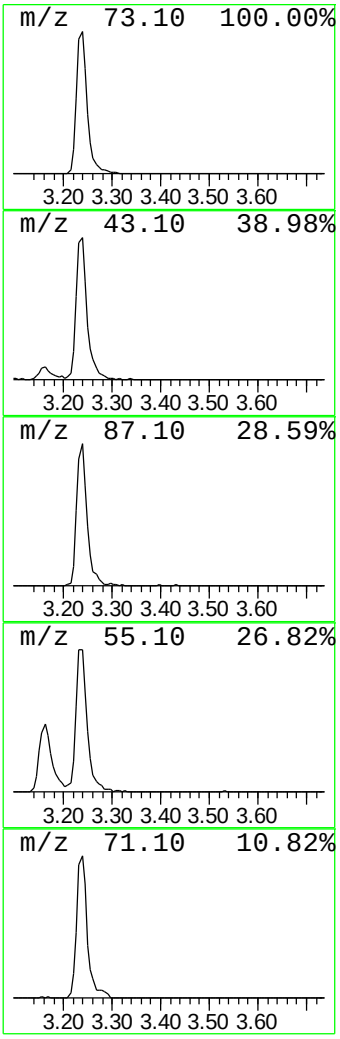
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	47.41 ng/ul	645917	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	33
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043137.D
Acq On : 10 Oct 2019 14:48
Operator : JU
Sample : K5097-20
Misc :
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Instrument : BNA_G
ClientSampleId : JLM82

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

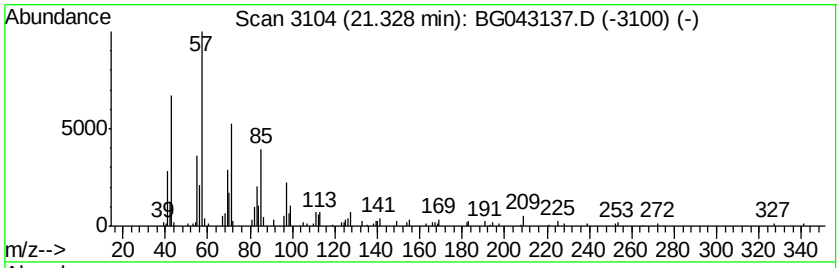
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

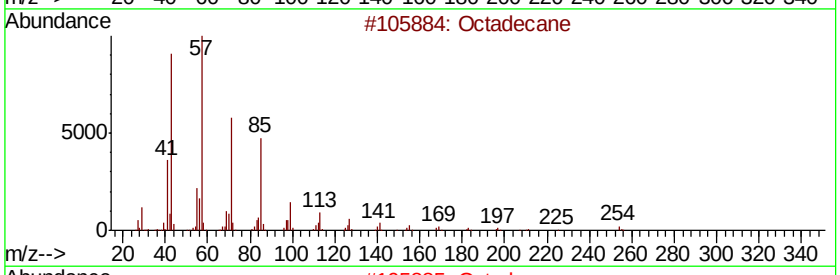
****

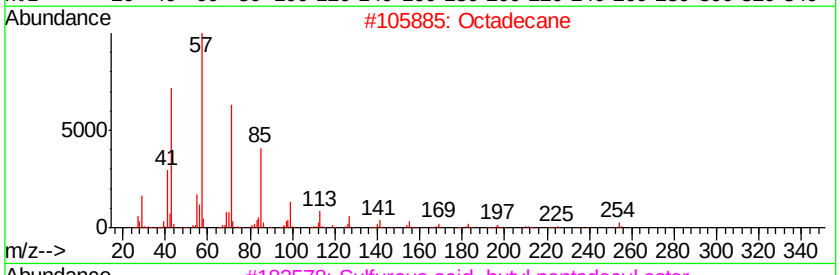
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

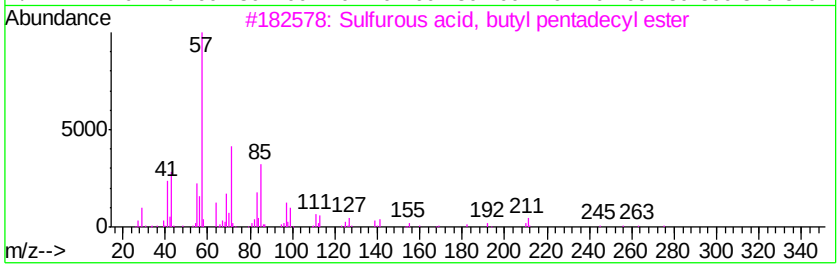
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.73 ng/ul	137134	Chrysene-d12	21.69

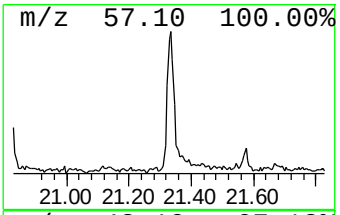
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	92
2	Octadecane	254	C18H38	000593-45-3	91
3	Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	91
4	Tritetracontane	605	C43H88	007098-21-7	90
5	1-Pentadecene	210	C15H30	013360-61-7	89

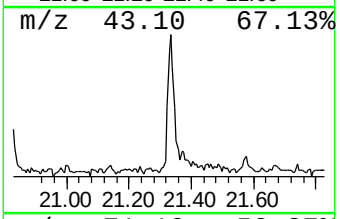


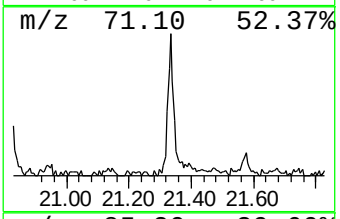


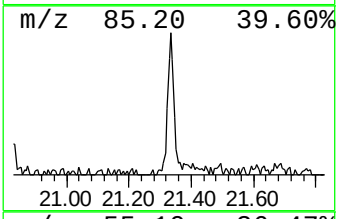


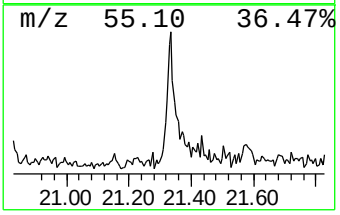












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043137.D
Acq On : 10 Oct 2019 14:48
Operator : JU
Sample : K5097-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLM82

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

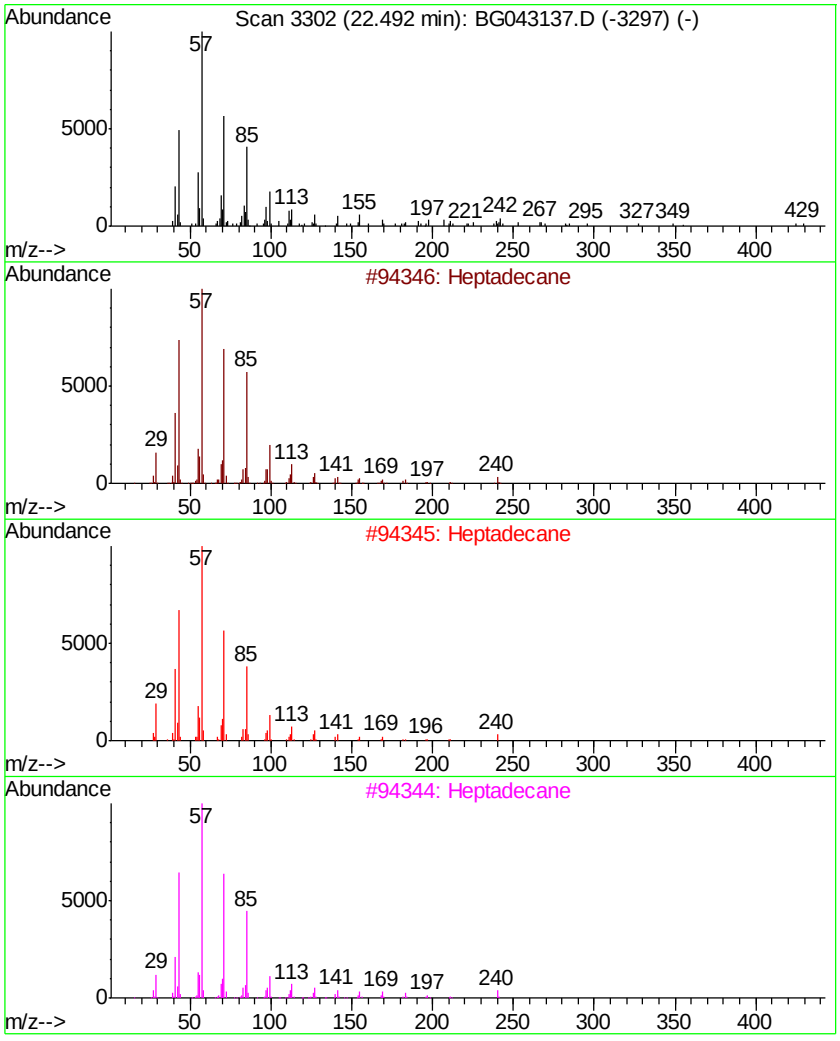
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

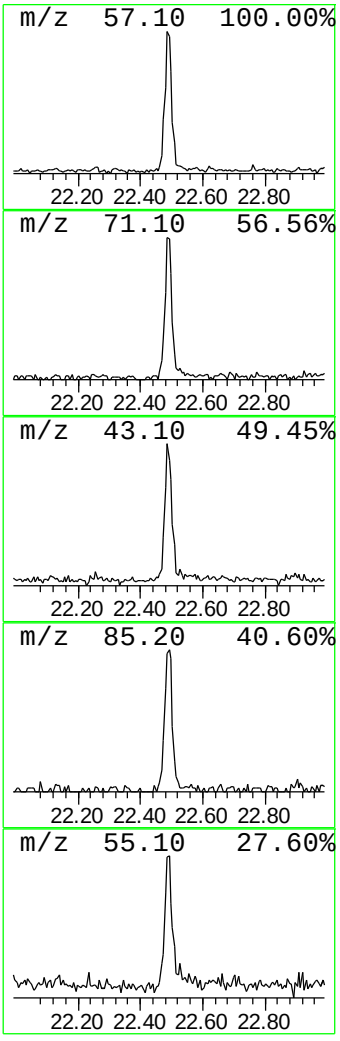
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	2.42 ng/ul	121261	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Heptadecane	240	C17H36	000629-78-7	95
3	Heptadecane	240	C17H36	000629-78-7	93
4	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87





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Data File : BG043137.D
Acq On : 10 Oct 2019 14:48
Operator : JU
Sample : K5097-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLM82

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

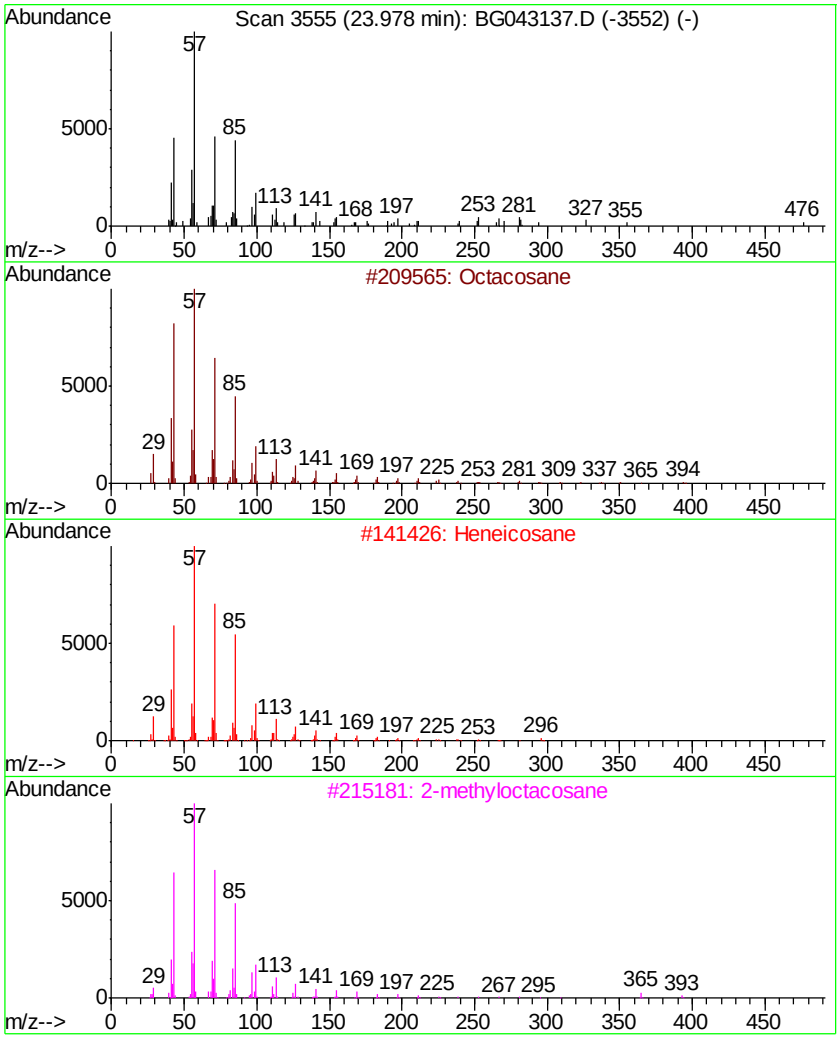
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

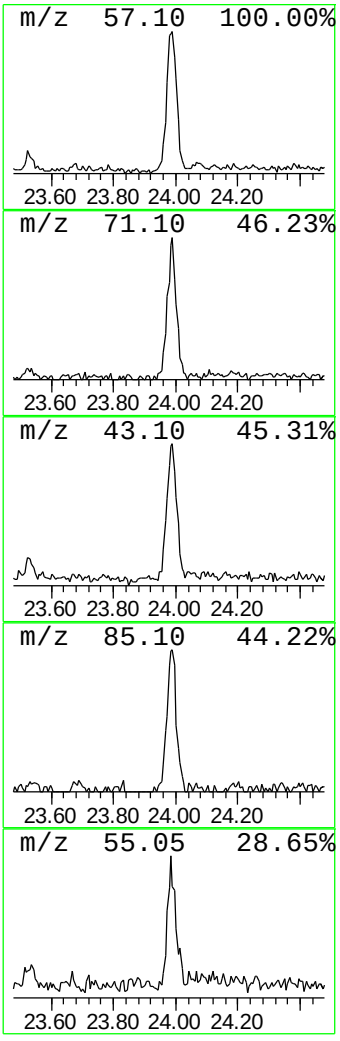
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	2.21 ng/ul	126663	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Heneicosane	296	C21H44	000629-94-7	83
3	2-methyloctacosane	408	C29H60	1000376-72-8	83
4	Tetracosane	338	C24H50	000646-31-1	80
5	Docosane	310	C22H46	000629-97-0	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043137.D
Acq On : 10 Oct 2019 14:48
Operator : JU
Sample : K5097-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLM82

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

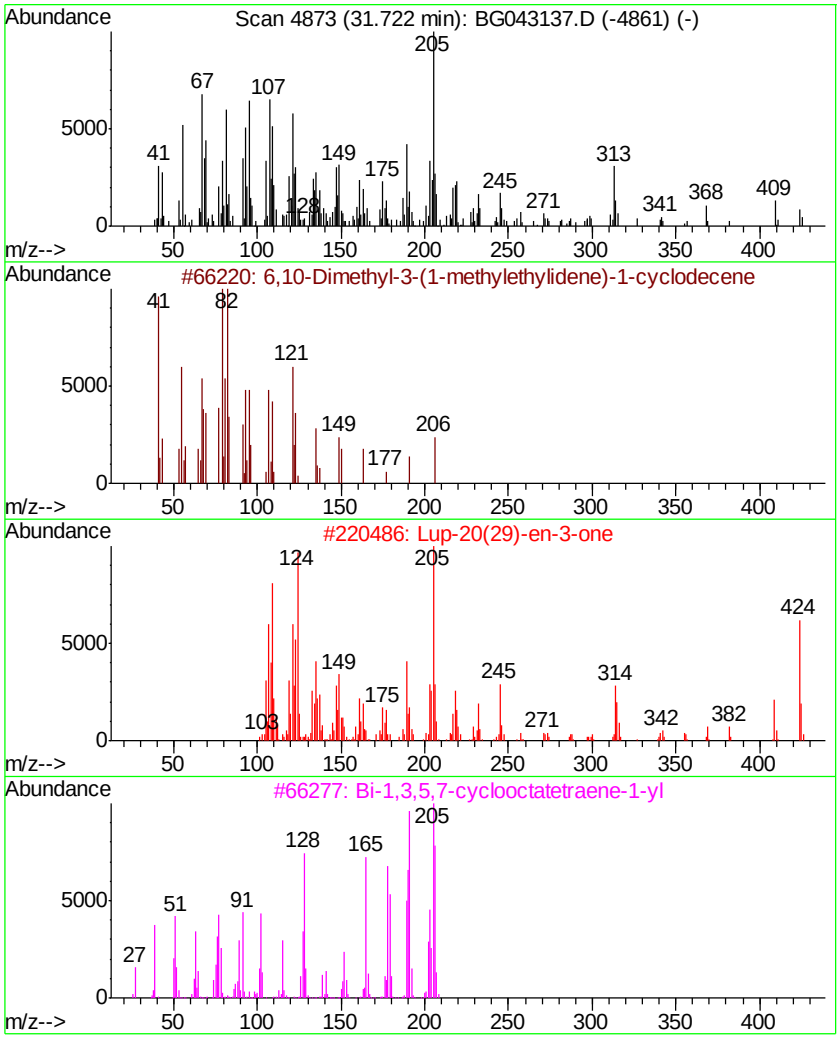
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

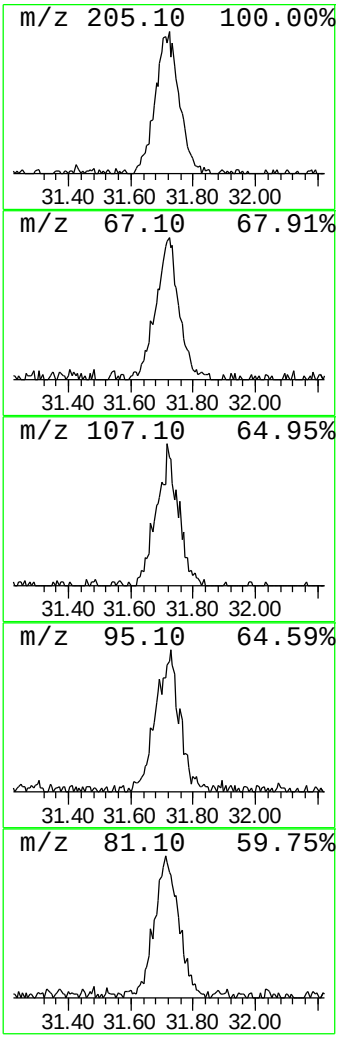
****

Peak Number 6 6,10-Dimethyl-3-(1-methylet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.72	18.29 ng/ul	1047840	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,10-Dimethyl-3-(1-methylethylid...	206	C15H26	069239-71-0	81
2	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	55
3	Bi-1,3,5,7-cyclooctatetraene-1-yl	206	C16H14	006715-22-6	53
4	1-Isopropenyl-3-propenylcyclopen...	150	C11H18	1000192-81-2	38
5	Olean-13(18)-ene	410	C30H50	003399-27-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100919\
Data File : BG043137.D
Acq On : 10 Oct 2019 14:48
Operator : JU
Sample : K5097-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLM82

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.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
(DEL) Alkane: Cyc...	3.16	30.4	ng/ul	414533	1	8.06	272466	20.0
Butane, 2-methoxy...	3.24	47.4	ng/ul	645917	1	8.06	272466	20.0
(DEL) Alkane: Str...	21.33	2.7	ng/ul	137134	5	21.69	1003340	20.0
(DEL) Alkane: Str...	22.49	2.4	ng/ul	121261	5	21.69	1003340	20.0
(DEL) Alkane: Str...	23.98	2.2	ng/ul	126663	6	24.91	1145660	20.0
6,10-Dimethyl-3-(...	31.72	18.3	ng/ul	1047840	6	24.91	1145660	20.0