LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012622.D
Acq On : 19 Nov 2020 08:45
Operator : CG/JU
Sample : L4753-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG4

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_N\METHODS\SOM-EPA-BN102220.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	2.640	21	26	35	rBV	211597	371023	6.84%	0.786%
2	2.717	35	39	53	rVB	778173	984464	18.15%	2.086%
3	2.975	80	83	94	rVB	43178	68839	1.27%	0.146%
4	3.605	187	190	193	rVB4	7253	10058	0.19%	0.021%
5	3.693	201	205	209	rBV	13553	14898	0.27%	0.032%
6	4.934	413	416	421	rBV5	3528	7352	0.14%	0.016%
7	6.463	673	676	681	rBV6	3730	5963	0.11%	0.013%
8	6.628	695	704	717	rBV	148719	253429	4.67%	0.537%
9	6.793	727	732	741	rBV	496541	776774	14.32%	1.646%
10	6.975	756	763	775	rBV	588471	945567	17.44%	2.004%
11	7.446	836	843	852	rBV	634698	1011032	18.64%	2.142%
12	7.516	852	855	860	rVB4	10085	16552	0.31%	0.035%
13	8.158	958	964	974	rBV	409810	662945	12.22%	1.405%
14	8.593	1031	1038	1050	rBV	680986	1112958	20.52%	2.358%
15	9.016	1106	1110	1114	rVB2	7820	8757	0.16%	0.019%
16	9.305	1153	1159	1170	rBV	586004	963198	17.76%	2.041%
17	9.840	1243	1250	1261	rBV	782225	1307967	24.12%	2.772%
18	9.999	1274	1277	1282	rVB7	3234	6170	0.11%	0.013%
19	10.210	1303	1313	1323	rBV	844291	1368863	25.24%	2.901%
20	10.363	1334	1339	1347	rBV4	40628	86970	1.60%	0.184%
21	11.028	1449	1452	1456	rBV4	4065	5686	0.10%	0.012%
22	11.504	1526	1533	1538	rBV3	11306	19666	0.36%	0.042%
23	11.810	1579	1585	1591	rVB4	9959	17176	0.32%	0.036%
24	12.440	1688	1692	1698	rBV4	6128	8911	0.16%	0.019%
25	12.704	1732	1737	1740	rBV4	9179	13361	0.25%	0.028%
26	12.940	1772	1777	1782	rBV3	11595	18791	0.35%	0.040%
27	13.004	1782	1788	1795	rVV4	10198	18888	0.35%	0.040%
28	13.522	1870	1876	1881	rBV	1699118	2283507	42.11%	4.839%
29	13.569	1881	1884	1894	rVB	118826	166566	3.07%	0.353%
30	13.722	1904	1910	1912	rBV4	3682	6359	0.12%	0.013%
31	13.787	1913	1921	1933	rVV	1754594	2560357	47.21%	5.426%
32	14.022	1959	1961	1964	rVV4	5612	5483	0.10%	0.012%
33	14.098	1968	1974	1983	rVV	1239207	1838506	33.90%	3.896%
34	14.163	1983	1985	1990	rVB4	5412	8681	0.16%	0.018%

LSC Area Percent Report

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Data File : BN012622.D
Acq On : 19 Nov 2020 08:45
Operator : CG/JU
Sample : L4753-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG4

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_N\METHODS\SOM-EPA-BN102220.M
Title : SVOA CALIBRATION

35	14.322	2006	2012	2024	rBV2	92183	193725	3.57%	0.411%
36	14.545	2047	2050	2052	rBV4	5989	6585	0.12%	0.014%
37	14.863	2101	2104	2109	rVB3	8252	11422	0.21%	0.024%
38	14.922	2109	2114	2116	rBV3	12745	16891	0.31%	0.036%
39	14.945	2116	2118	2122	rVV2	21544	24943	0.46%	0.053%
40	15.104	2138	2145	2161	rBV	2397329	3322413	61.26%	7.040%
41	15.234	2161	2167	2177	rBV	1101409	1462542	26.97%	3.099%
42	15.339	2182	2185	2191	rVB3	25433	36938	0.68%	0.078%
43	15.545	2215	2220	2223	rBV7	5043	8384	0.15%	0.018%
44	15.792	2259	2262	2265	rVB5	6440	7923	0.15%	0.017%
45	15.851	2269	2272	2275	rVV3	4731	7530	0.14%	0.016%
46	15.887	2275	2278	2283	rVB7	10876	16758	0.31%	0.036%
47	16.016	2296	2300	2306	rVB5	11782	16214	0.30%	0.034%
48	16.098	2310	2314	2320	rVB	28979	37944	0.70%	0.080%
49	16.198	2328	2331	2335	rVB6	4362	5541	0.10%	0.012%
50	16.257	2337	2341	2346	rBV3	9814	15138	0.28%	0.032%
51	16.510	2380	2384	2387	rVB4	6751	9438	0.17%	0.020%
52	16.639	2402	2406	2409	rVV5	9735	12445	0.23%	0.026%
53	16.804	2429	2434	2437	rBV5	6648	9666	0.18%	0.020%
54	16.851	2437	2442	2453	rVV	1498372	2180103	40.20%	4.620%
55	16.951	2453	2459	2471	rBV	2918605	4177060	77.02%	8.851%
56	17.163	2492	2495	2498	rVV3	8470	9822	0.18%	0.021%
57	17.369	2528	2530	2533	rBV4	3886	5490	0.10%	0.012%
58	17.539	2555	2559	2564	rVB7	7839	13114	0.24%	0.028%
59	17.639	2573	2576	2577	rBV2	6468	7434	0.14%	0.016%
60	17.657	2577	2579	2582	rVB3	6728	7154	0.13%	0.015%
61	17.769	2594	2598	2607	rVV2	173417	253469	4.67%	0.537%
62	17.839	2607	2610	2615	rVB2	15422	25805	0.48%	0.055%
63	17.922	2621	2624	2628	rVB6	7762	11666	0.22%	0.025%
64	18.063	2645	2648	2650	rBV4	6989	8430	0.16%	0.018%
65	18.098	2651	2654	2659	rVB7	8411	11792	0.22%	0.025%
66	18.145	2659	2662	2666	rBV5	6328	10774	0.20%	0.023%
67	18.204	2669	2672	2677	rVB7	6593	8414	0.16%	0.018%
68	18.263	2677	2682	2688	rBV	22902	37684	0.69%	0.080%
69	18.363	2695	2699	2703	rBV6	22846	32057	0.59%	0.068%
70	18.528	2722	2727	2732	rBV	180978	238995	4.41%	0.506%
71	18.575	2732	2735	2738	rVB4	12547	14439	0.27%	0.031%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4753-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG4

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_N\METHODS\SOM-EPA-BN102220.M
Title : SVOA CALIBRATION

72	18.622	2739	2743	2746	rBV2	30948	38224	0.70%	0.081%
73	18.686	2752	2754	2756	rBV3	10171	7571	0.14%	0.016%
74	18.845	2779	2781	2783	rVB3	10537	8227	0.15%	0.017%
75	18.892	2783	2789	2795	rBV	37016	83419	1.54%	0.177%
76	18.945	2795	2798	2803	rVB3	40529	49656	0.92%	0.105%
77	19.069	2815	2819	2825	rBV3	77708	106777	1.97%	0.226%
78	19.151	2828	2833	2835	rVV	31143	47680	0.88%	0.101%
79	19.175	2835	2837	2843	rVB3	24137	32244	0.59%	0.068%
80	19.263	2846	2852	2865	rBV	3735533	4963276	91.52%	10.517%
81	19.545	2898	2900	2904	rBV4	8540	11343	0.21%	0.024%
82	19.639	2912	2916	2917	rBV3	10504	12397	0.23%	0.026%
83	19.722	2926	2930	2933	rVB5	12338	14851	0.27%	0.031%
84	20.198	3009	3011	3015	rVB2	29044	31693	0.58%	0.067%
85	20.286	3022	3026	3029	rBV	81154	102341	1.89%	0.217%
86	20.410	3043	3047	3052	rBV	199682	252220	4.65%	0.534%
87	20.751	3101	3105	3109	rBV3	97526	126740	2.34%	0.269%
88	20.804	3109	3114	3121	rBV	417506	605038	11.16%	1.282%
89	20.869	3122	3125	3129	rVV2	30579	49371	0.91%	0.105%
90	21.069	3154	3159	3166	rBV	2065137	2583708	47.64%	5.475%
91	21.192	3178	3180	3184	rVB2	59958	60697	1.12%	0.129%
92	21.939	3303	3307	3316	rBV	228893	326684	6.02%	0.692%
93	22.098	3332	3334	3338	rVB	102132	103626	1.91%	0.220%
94	22.574	3412	3415	3419	rVB3	133539	162407	2.99%	0.344%
95	23.057	3490	3497	3503	rBV	3234217	5423218	100.00%	11.492%
96	23.186	3513	3519	3530	rVB	1560447	2755716	50.81%	5.839%

Sum of corrected areas: 47190983

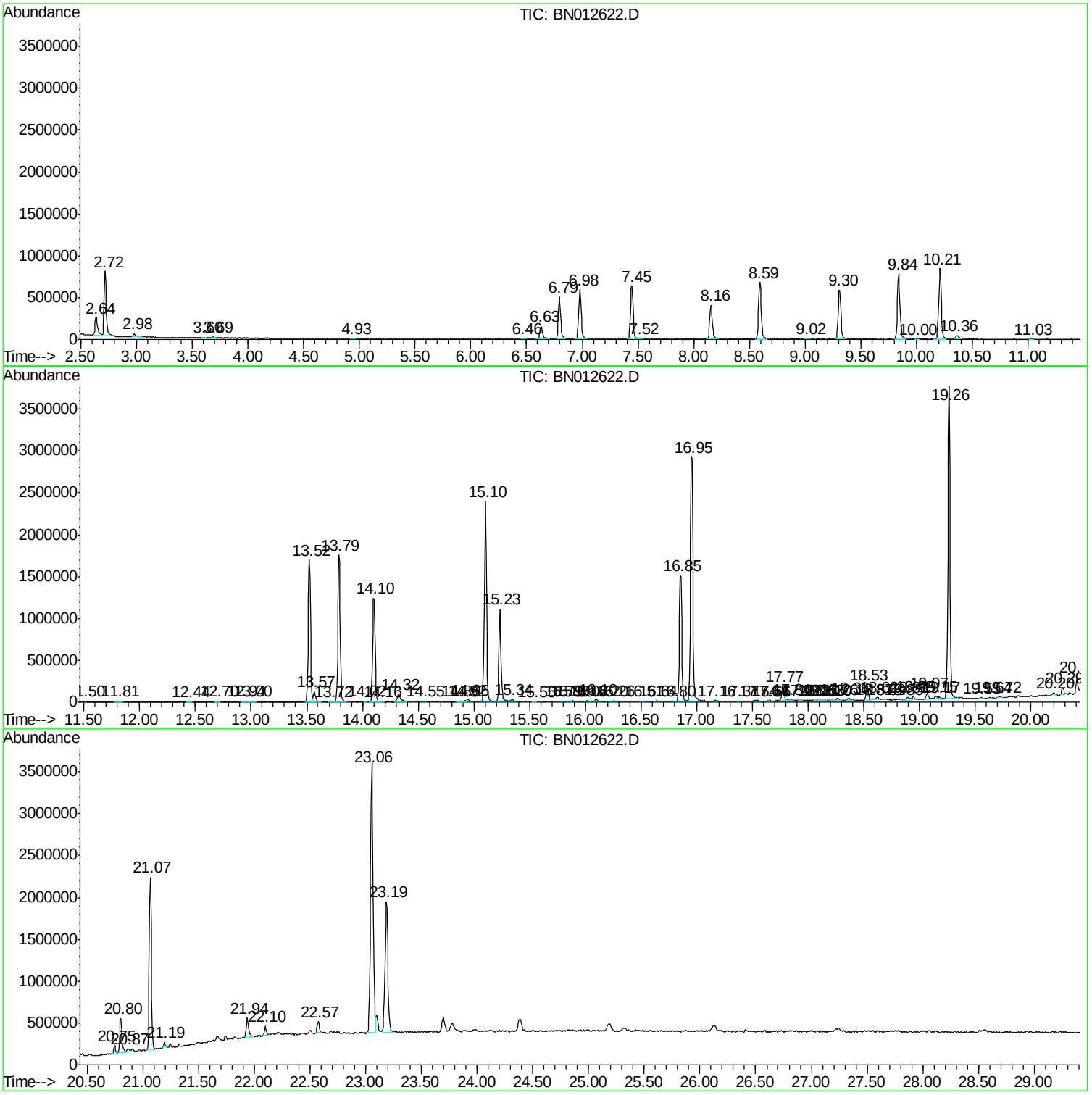
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012622.D
Acq On : 19 Nov 2020 08:45
Operator : CG/JU
Sample : L4753-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012622.D
Acq On : 19 Nov 2020 08:45
Operator : CG/JU
Sample : L4753-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

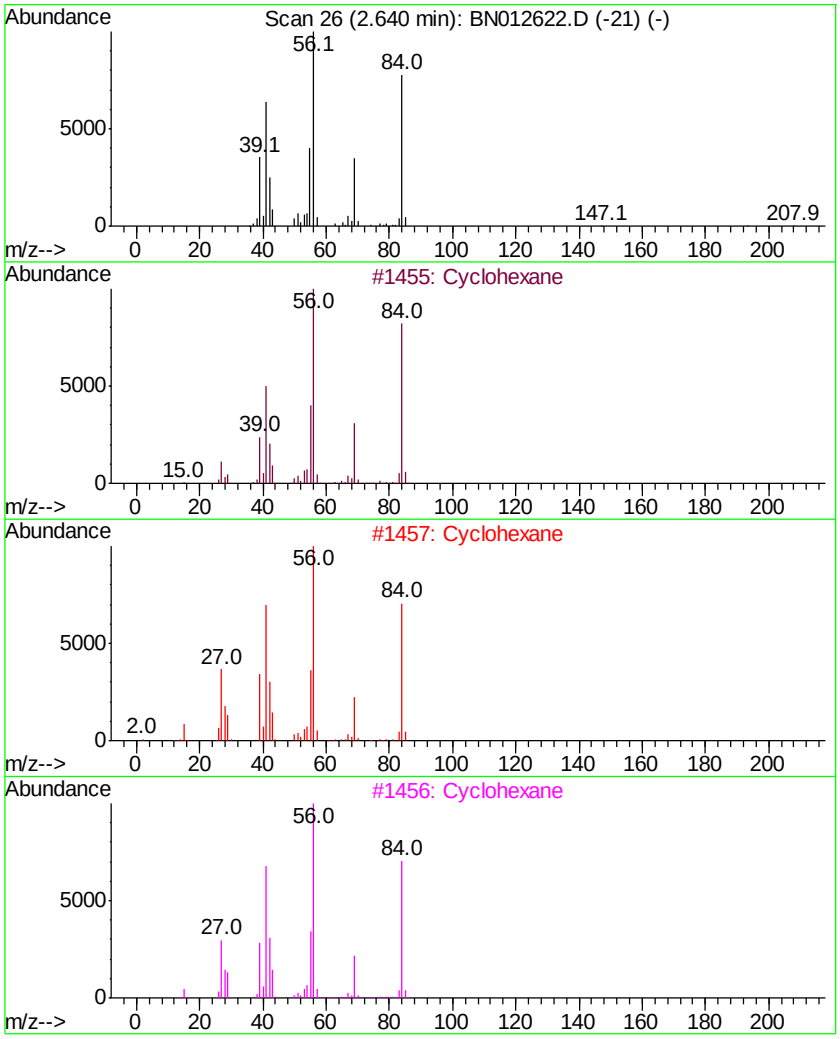
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

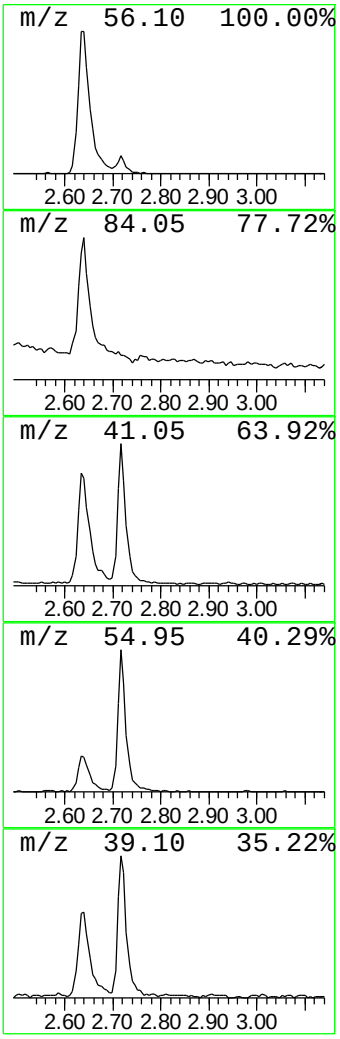
****

Peak Number 1 (DEL) Alkane: Cyclic2.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.64	7.34 ng/ul	371023	1,4-Dichlorobenzene-d4	7.45

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	Cyclohexane	84	C6H12	000110-82-7	90
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012622.D
Acq On : 19 Nov 2020 08:45
Operator : CG/JU
Sample : L4753-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

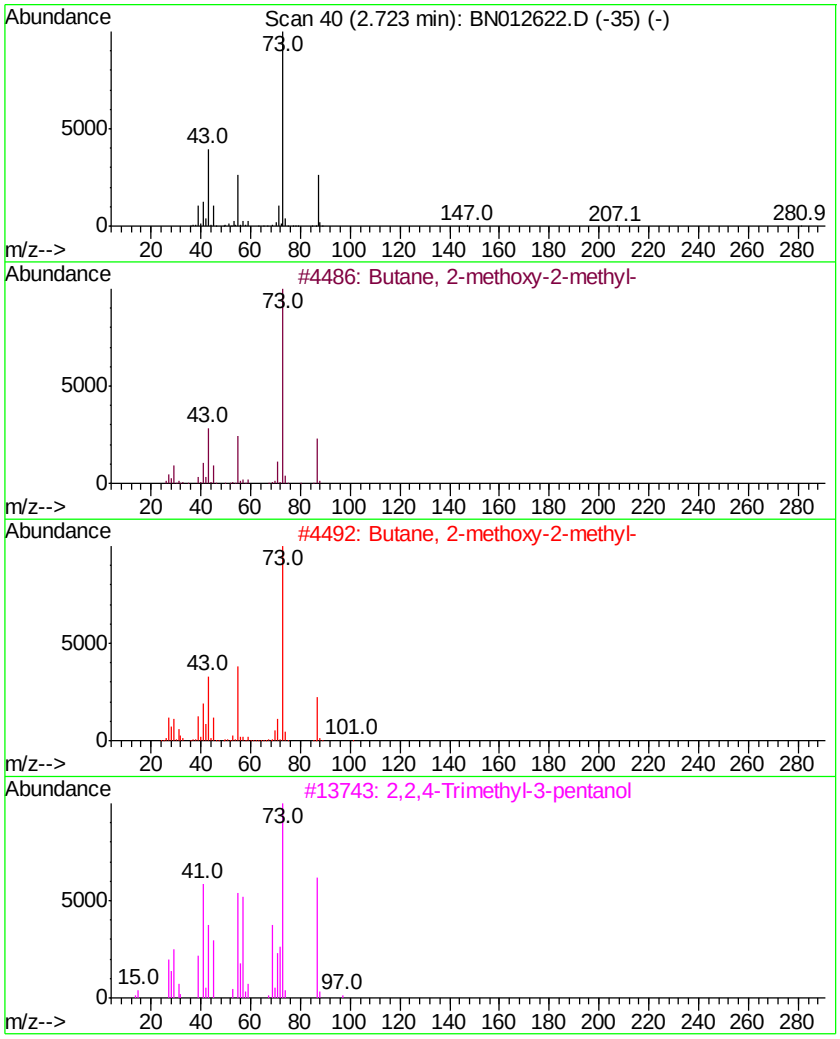
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

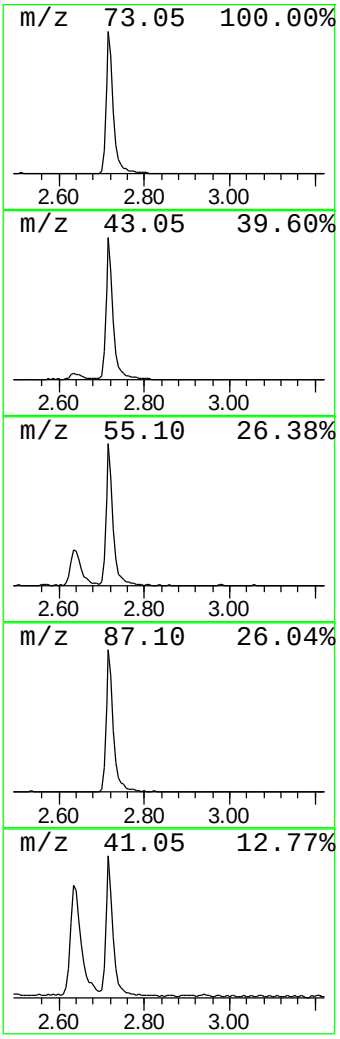
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	19.47 ng/ul	984464	1,4-Dichlorobenzene-d4	7.45

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	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012622.D
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Sample : L4753-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

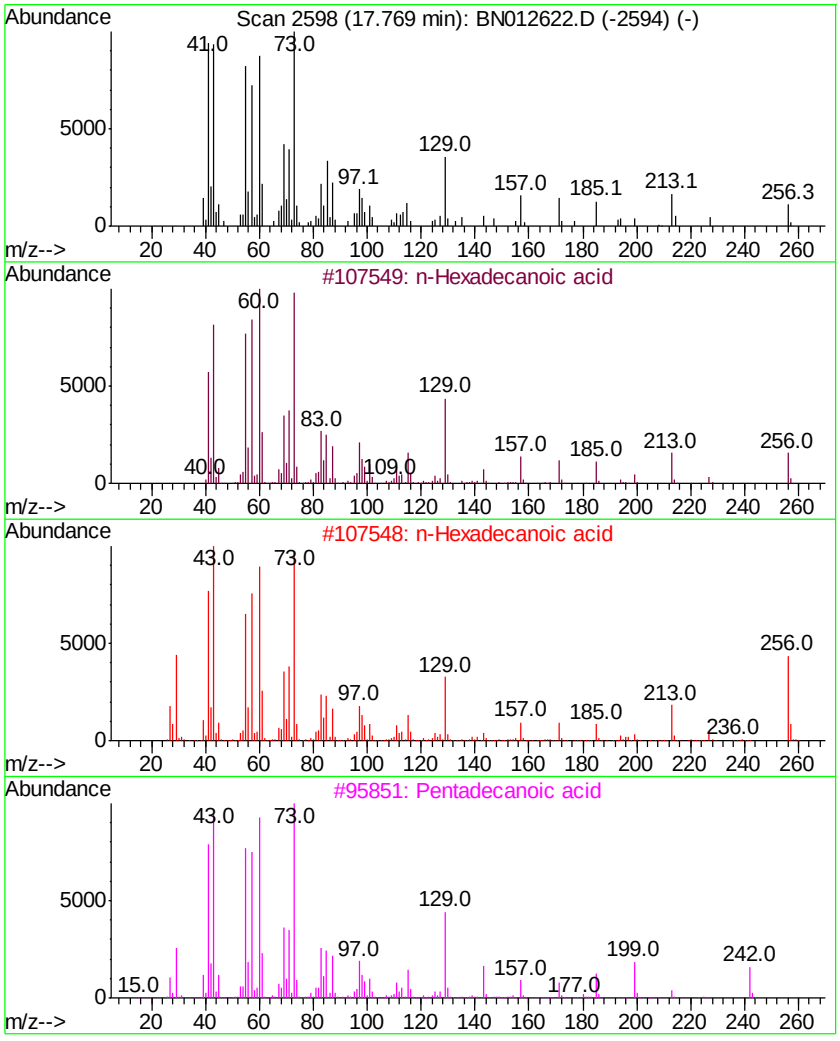
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

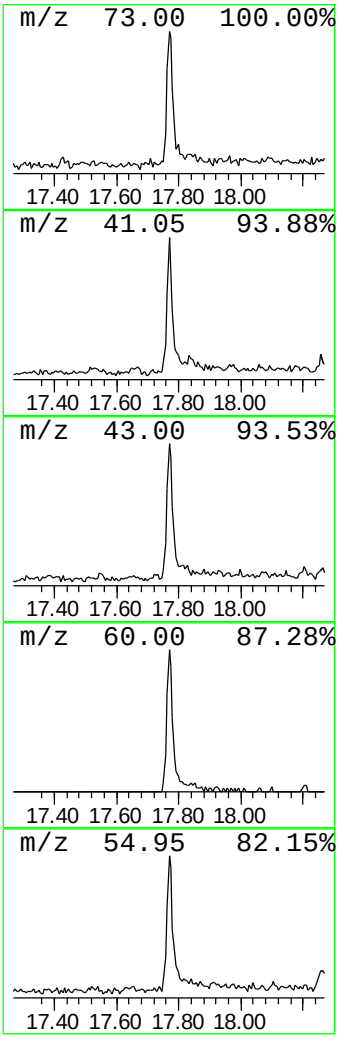
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	2.33 ng/ul	253469	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012622.D
Acq On : 19 Nov 2020 08:45
Operator : CG/JU
Sample : L4753-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

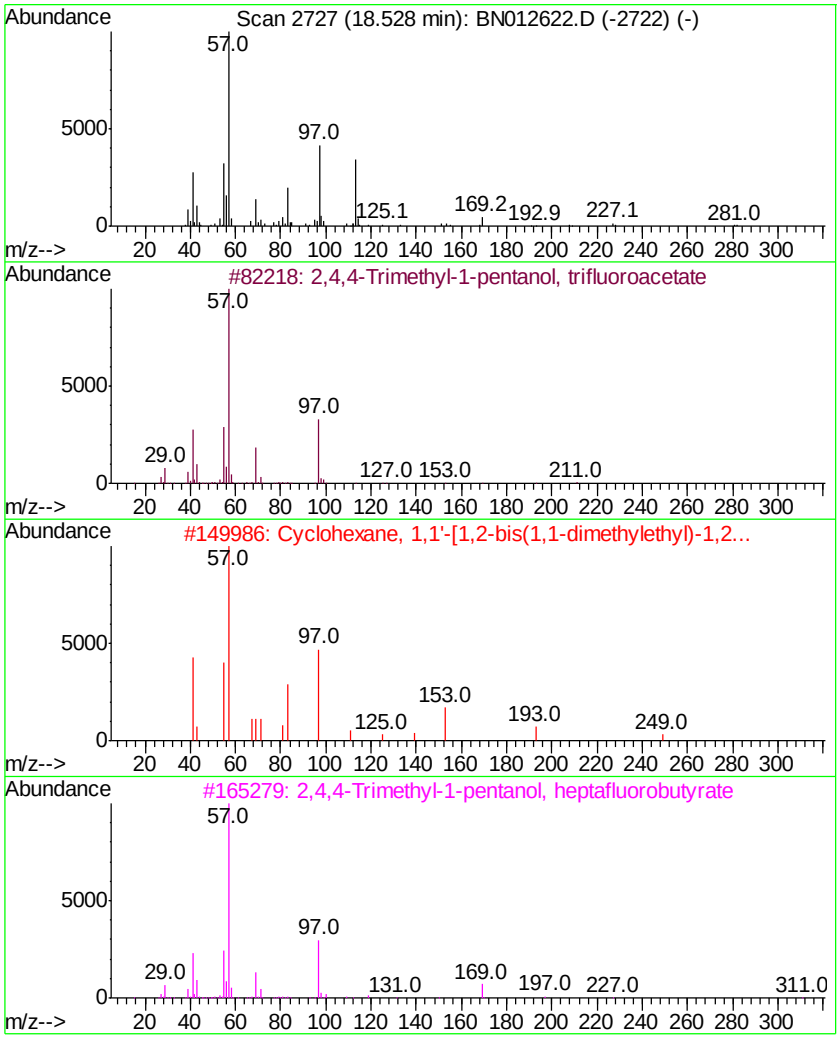
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

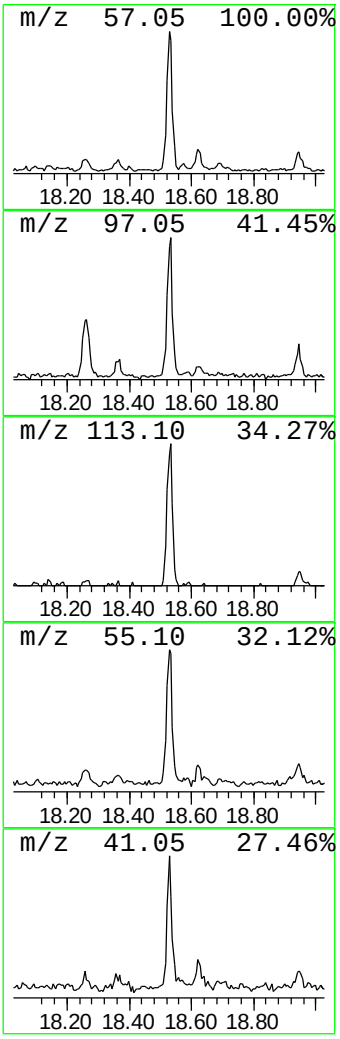
****

Peak Number 4 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	2.19 ng/ul	238995	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	43
2	Cyclohexane, 1,1'-[1,2-bis(1,1-d...	306	C22H42	065149-85-1	40
3	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	38
4	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	38
5	Formic acid, 2,4,4-trimethylpent...	158	C9H18O2	1000368-95-2	37





Library Search Compound Report

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Acq On : 19 Nov 2020 08:45
Operator : CG/JU
Sample : L4753-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

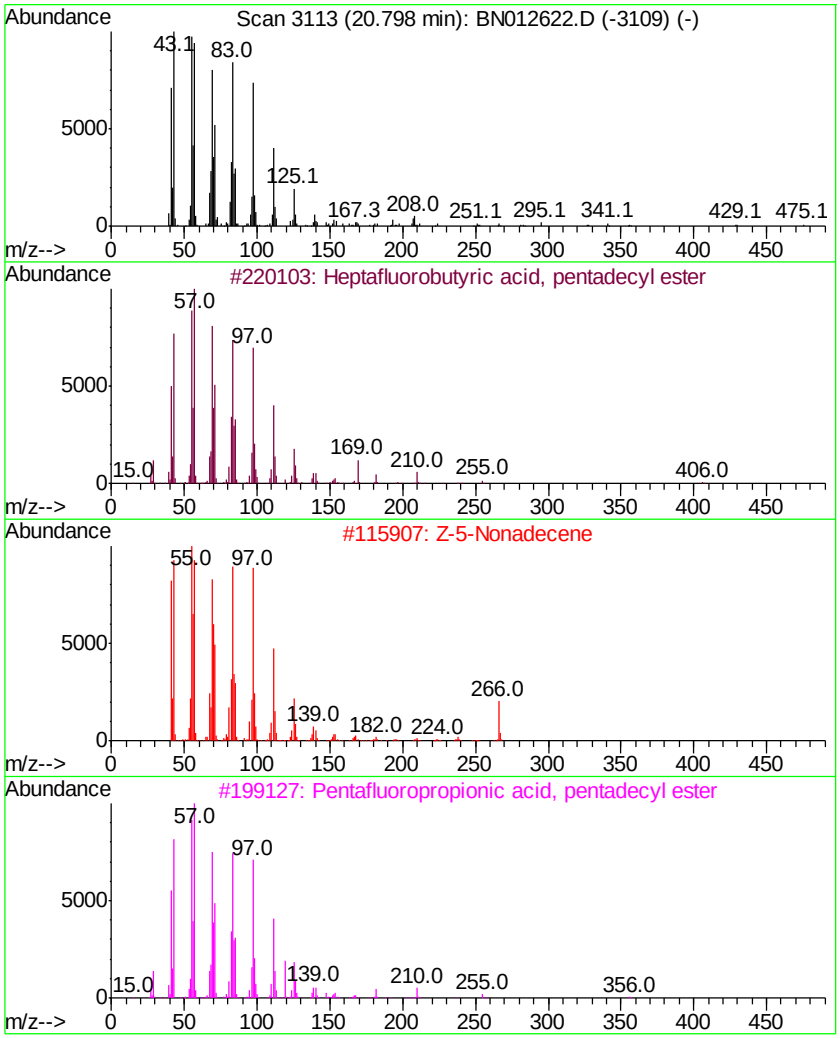
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

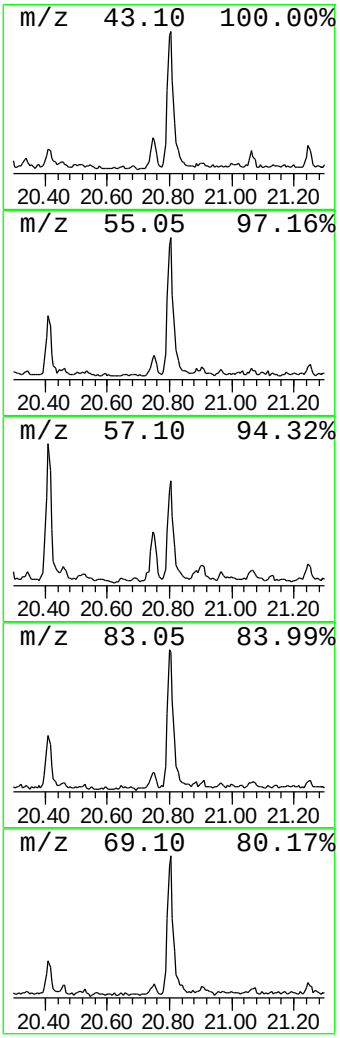
****

Peak Number 5 Heptafluorobutyric acid, pe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	4.68 ng/ul	605038	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	91
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91





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Acq On : 19 Nov 2020 08:45
Operator : CG/JU
Sample : L4753-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

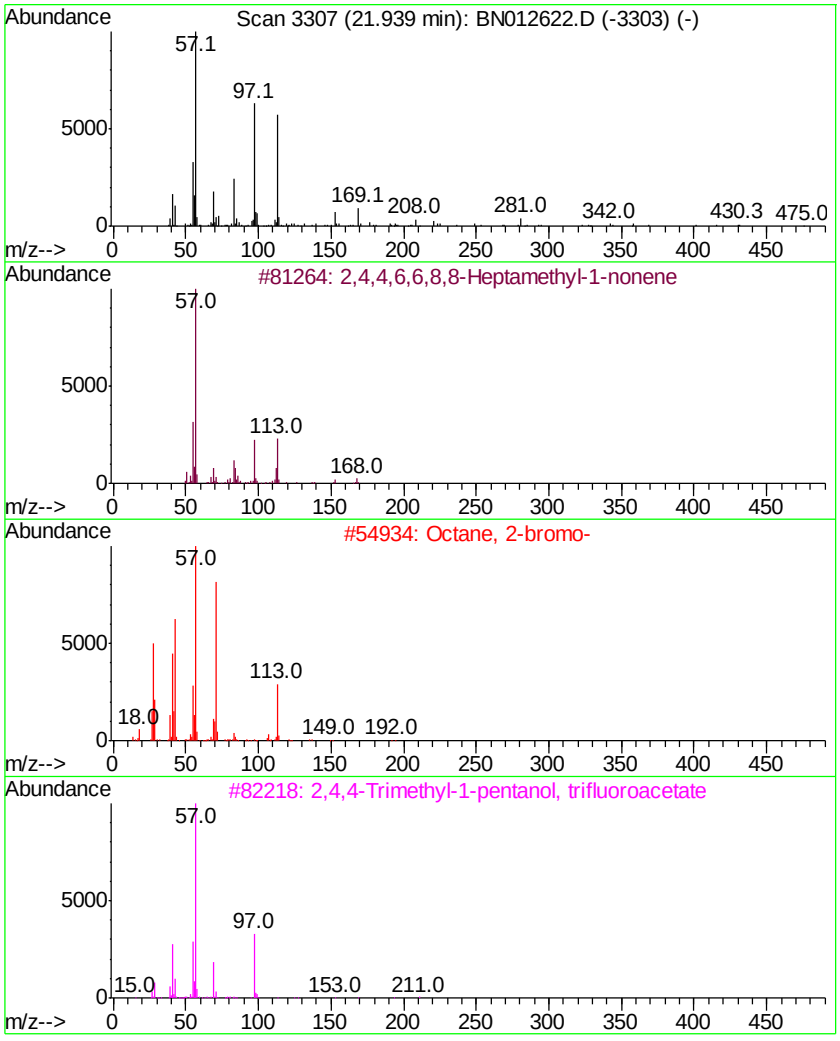
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

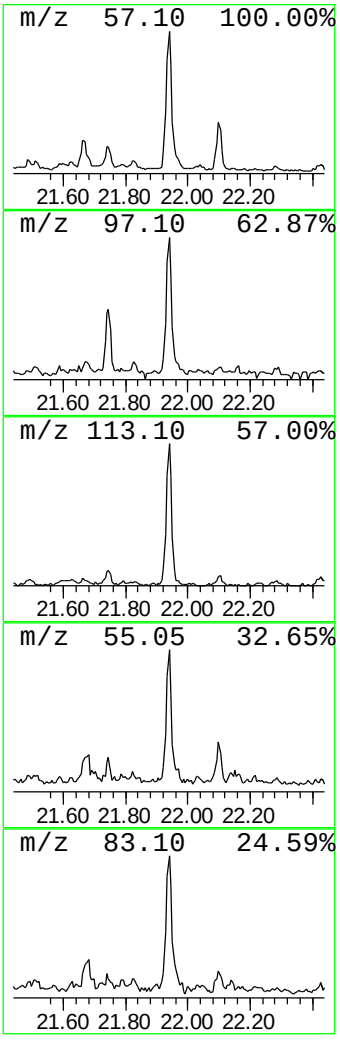
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	2.53 ng/ul	326684	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	53
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	35
3	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	27
4	3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	25
5	Ribitol, 1,3:4,5-di-O-(ethylbora...	212	C9H18B2O4	1000149-52-8	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111820\
Data File : BN012622.D
Acq On : 19 Nov 2020 08:45
Operator : CG/JU
Sample : L4753-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.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...	2.64	7.3	ng/ul	371023	1	7.45	1011030	20.0
Butane, 2-methoxy...	2.72	19.5	ng/ul	984464	1	7.45	1011030	20.0
n-Hexadecanoic acid	17.77	2.3	ng/ul	253469	4	16.86	2180100	20.0
unknown-01	18.53	2.2	ng/ul	238995	4	16.86	2180100	20.0
Heptafluorobutyri...	20.80	4.7	ng/ul	605038	5	21.07	2583710	20.0
(DEL) Alkane: Str...	21.94	2.5	ng/ul	326684	5	21.07	2583710	20.0