LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012623.D
Acq On : 19 Nov 2020 09:21
Operator : CG/JU
Sample : L4753-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG6

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	254529	450372	8.09%	0.951%
2	2.716	35	39	53	rVB	862486	1101871	19.80%	2.327%
3	2.981	80	84	91	rVB	40265	57407	1.03%	0.121%
4	3.605	187	190	194	rBV3	8202	10426	0.19%	0.022%
5	3.693	201	205	209	rVB6	9579	14235	0.26%	0.030%
6	6.634	697	705	716	rBV	159263	265099	4.76%	0.560%
7	6.793	727	732	742	rBV	509792	808766	14.53%	1.708%
8	6.981	758	764	777	rVB	631379	1005721	18.07%	2.124%
9	7.446	833	843	852	rBV	609966	962230	17.29%	2.032%
10	8.157	958	964	979	rBV	441526	712410	12.80%	1.505%
11	8.593	1032	1038	1051	rBV	711109	1157527	20.80%	2.445%
12	9.016	1106	1110	1115	rVB	13544	18529	0.33%	0.039%
13	9.310	1153	1160	1172	rBV	642439	1063746	19.11%	2.247%
14	9.840	1243	1250	1265	rBV	837447	1410999	25.35%	2.980%
15	10.210	1305	1313	1326	rBV	789145	1295168	23.27%	2.735%
16	10.363	1333	1339	1347	rBV3	54392	106462	1.91%	0.225%
17	11.498	1528	1532	1537	rVB3	6909	9901	0.18%	0.021%
18	11.816	1580	1586	1592	rVV6	11219	18850	0.34%	0.040%
19	12.704	1732	1737	1743	rBV4	5396	8598	0.15%	0.018%
20	12.939	1774	1777	1782	rVB	8893	12315	0.22%	0.026%
21	13.004	1785	1788	1792	rVB4	4333	6607	0.12%	0.014%
22	13.522	1870	1876	1881	rBV	1750340	2391669	42.97%	5.051%
23	13.569	1881	1884	1894	rVB	62144	98499	1.77%	0.208%
24	13.792	1914	1922	1943	rBV	1875407	2748044	49.37%	5.804%
25	14.022	1957	1961	1965	rVB5	3571	6344	0.11%	0.013%
26	14.098	1968	1974	1982	rVV	1171721	1730599	31.09%	3.655%
27	14.157	1982	1984	1994	rVB6	10011	16930	0.30%	0.036%
28	14.322	2006	2012	2020	rBV	111240	204738	3.68%	0.432%
29	14.404	2025	2026	2031	rVB3	4716	5870	0.11%	0.012%
30	14.510	2040	2044	2046	rBV3	8402	11729	0.21%	0.025%
31	14.545	2046	2050	2054	rVB3	6313	10166	0.18%	0.021%
32	14.928	2110	2115	2117	rBV3	6991	10994	0.20%	0.023%
33	14.980	2121	2124	2128	rVB3	6191	7039	0.13%	0.015%
34	15.104	2138	2145	2161	rBV	2469694	3455581	62.08%	7.298%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4753-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG6

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	15.233	2161	2167	2180	rVV	1089646	1500030	26.95%	3.168%
36	15.345	2182	2186	2189	rVV2	30783	45132	0.81%	0.095%
37	15.392	2192	2194	2199	rVB4	4805	7805	0.14%	0.016%
38	15.839	2268	2270	2274	rBV5	7307	8939	0.16%	0.019%
39	15.892	2275	2279	2285	rVB8	11335	16780	0.30%	0.035%
40	16.022	2295	2301	2305	rBV6	6016	9549	0.17%	0.020%
41	16.098	2308	2314	2320	rBV2	23375	32950	0.59%	0.070%
42	16.198	2327	2331	2333	rBV3	7139	8425	0.15%	0.018%
43	16.257	2336	2341	2344	rBV5	10255	12981	0.23%	0.027%
44	16.304	2344	2349	2353	rVV6	3528	8828	0.16%	0.019%
45	16.422	2365	2369	2371	rBV3	6185	6886	0.12%	0.015%
46	16.639	2403	2406	2409	rBV5	12683	14922	0.27%	0.032%
47	16.857	2437	2443	2453	rVV	1430746	2038755	36.63%	4.306%
48	16.951	2453	2459	2473	rVV	2877829	4183997	75.17%	8.837%
49	17.039	2473	2474	2478	rVB3	7808	7174	0.13%	0.015%
50	17.110	2481	2486	2489	rBV7	5402	6526	0.12%	0.014%
51	17.163	2491	2495	2496	rBV4	3923	5700	0.10%	0.012%
52	17.374	2527	2531	2535	rBV6	8723	14263	0.26%	0.030%
53	17.551	2558	2561	2565	rVB4	7972	11256	0.20%	0.024%
54	17.651	2575	2578	2582	rVB4	6203	9532	0.17%	0.020%
55	17.774	2594	2599	2608	rBV	298544	422967	7.60%	0.893%
56	18.063	2646	2648	2653	rBV5	7708	11677	0.21%	0.025%
57	18.263	2677	2682	2687	rBV2	17637	35333	0.63%	0.075%
58	18.363	2695	2699	2702	rBV2	18293	22846	0.41%	0.048%
59	18.527	2722	2727	2732	rBV	127253	163737	2.94%	0.346%
60	18.574	2732	2735	2739	rVB6	13817	18762	0.34%	0.040%
61	18.621	2739	2743	2749	rBV2	29854	40598	0.73%	0.086%
62	18.892	2785	2789	2794	rBV	27725	48327	0.87%	0.102%
63	18.945	2795	2798	2806	rVB2	32554	49809	0.89%	0.105%
64	19.068	2814	2819	2827	rBV2	169950	247498	4.45%	0.523%
65	19.151	2829	2833	2836	rVB	25981	42341	0.76%	0.089%
66	19.263	2846	2852	2863	rBV	3742351	4952336	88.97%	10.459%
67	19.892	2955	2959	2960	rBV4	14777	18832	0.34%	0.040%
68	20.204	3009	3012	3015	rBV2	20797	25800	0.46%	0.054%
69	20.286	3023	3026	3031	rVB5	27653	31532	0.57%	0.067%
70	20.415	3043	3048	3055	rBV	148936	271018	4.87%	0.572%
71	20.804	3110	3114	3121	rBV	471110	644064	11.57%	1.360%

LSC Area Percent Report

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Sample : L4753-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG6

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	20.880	3122	3127	3134	rVV4	59847	136207	2.45%	0.288%
73	21.068	3154	3159	3169	rBV	2038670	2521013	45.29%	5.324%
74	21.198	3177	3181	3185	rBV2	69567	93152	1.67%	0.197%
75	22.098	3332	3334	3339	rVB2	95985	105306	1.89%	0.222%
76	22.574	3412	3415	3419	rVB4	138131	176767	3.18%	0.373%
77	23.057	3490	3497	3503	rBV	3223201	5566149	100.00%	11.756%
78	23.192	3513	3520	3527	rBV	1413303	2556448	45.93%	5.399%

Sum of corrected areas: 47348390

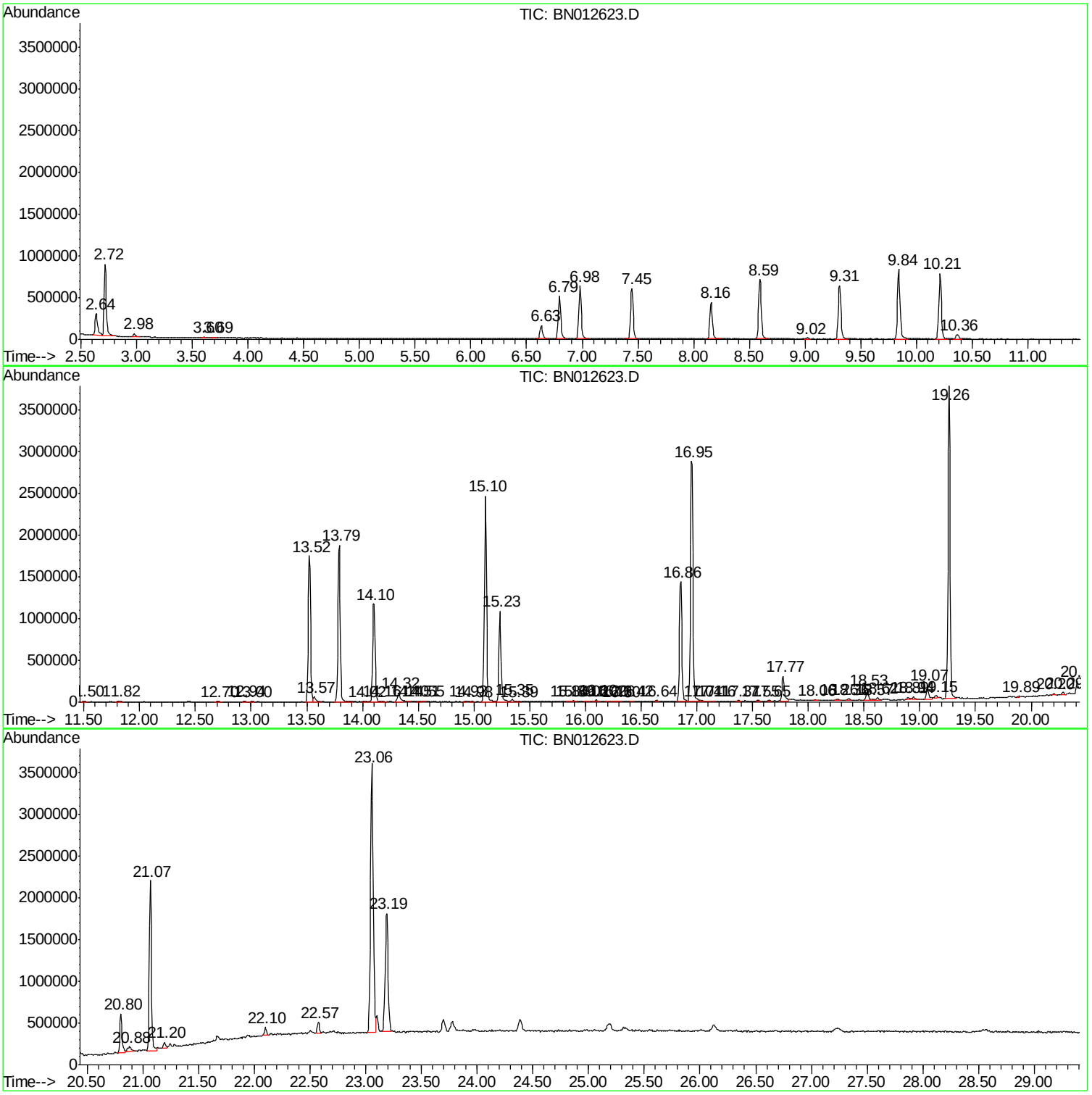
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012623.D
Acq On : 19 Nov 2020 09:21
Operator : CG/JU
Sample : L4753-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG6

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 : BN012623.D
Acq On : 19 Nov 2020 09:21
Operator : CG/JU
Sample : L4753-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG6

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

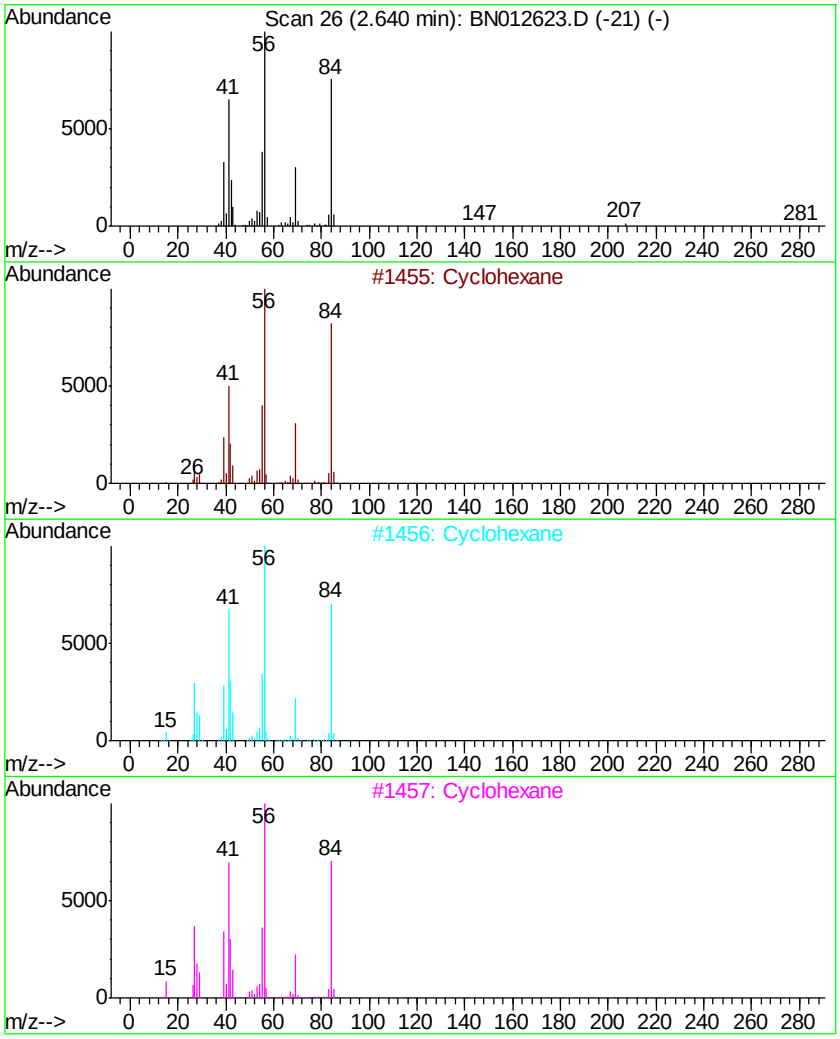
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

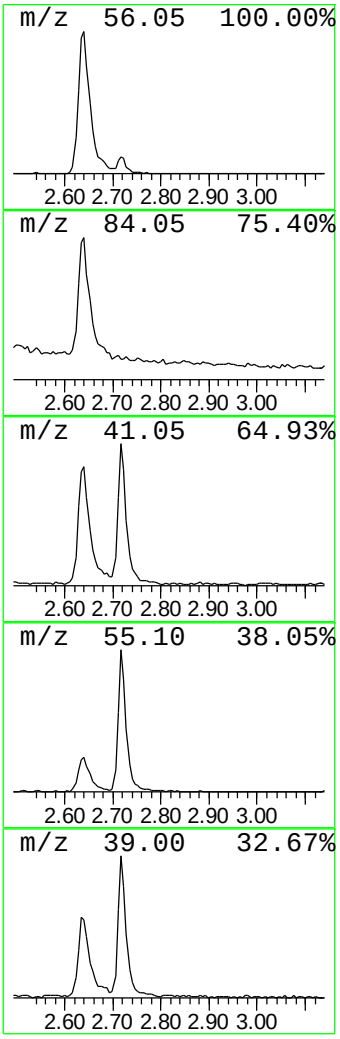
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.64	9.36 ng/ul	450372	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	95
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	91
4	Cyclohexane	84	C6H12	000110-82-7	91
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012623.D
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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG6

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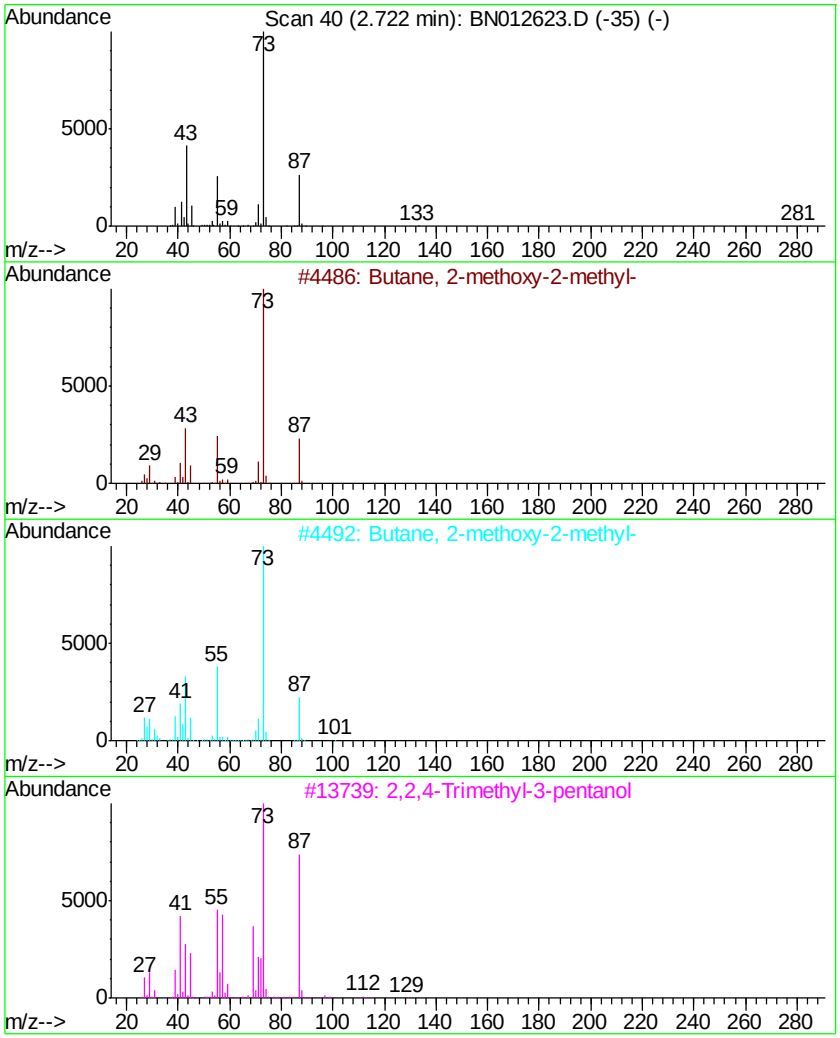
Quant Title : SVOA CALIBRATION

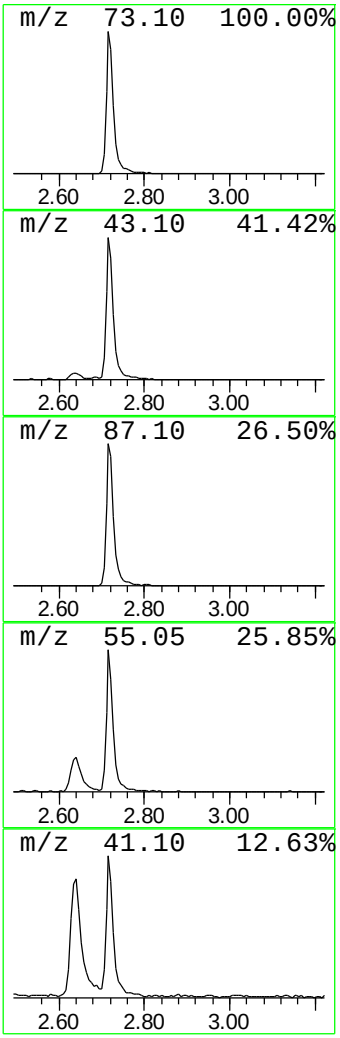
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	22.90 ng/ul	1101870	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	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

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Sample : L4753-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG6

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

TIC Library : C:\DATABASE\NIST11.L
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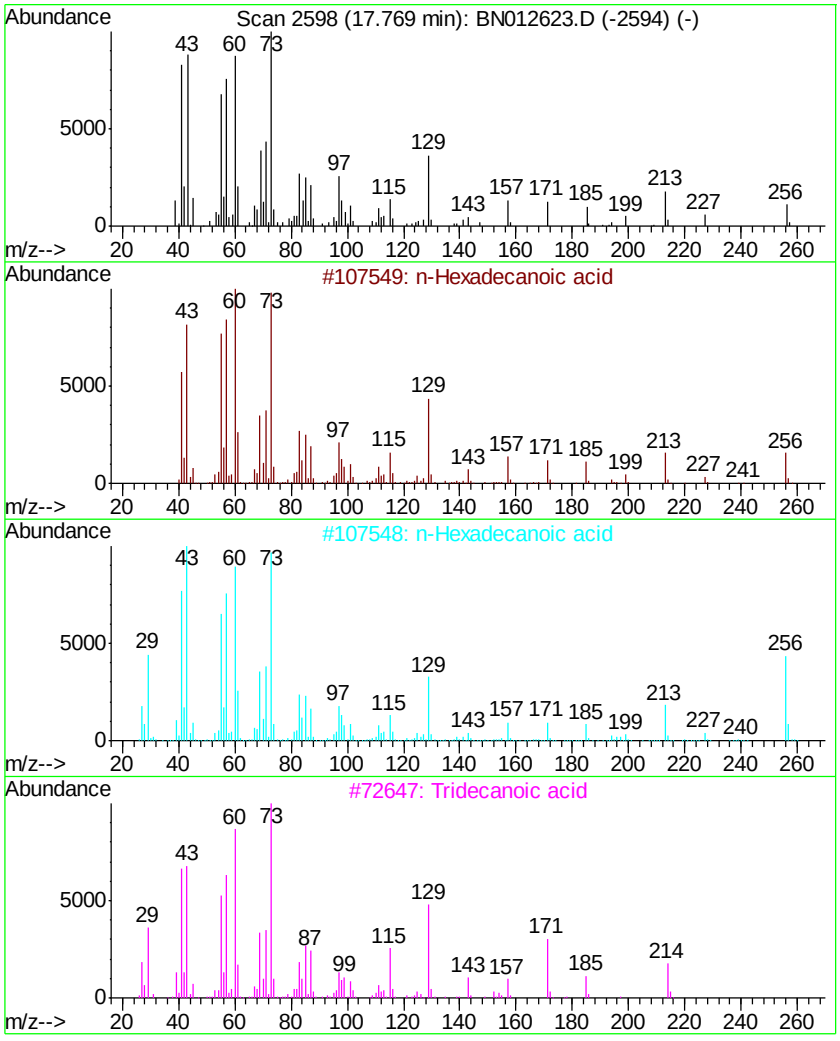
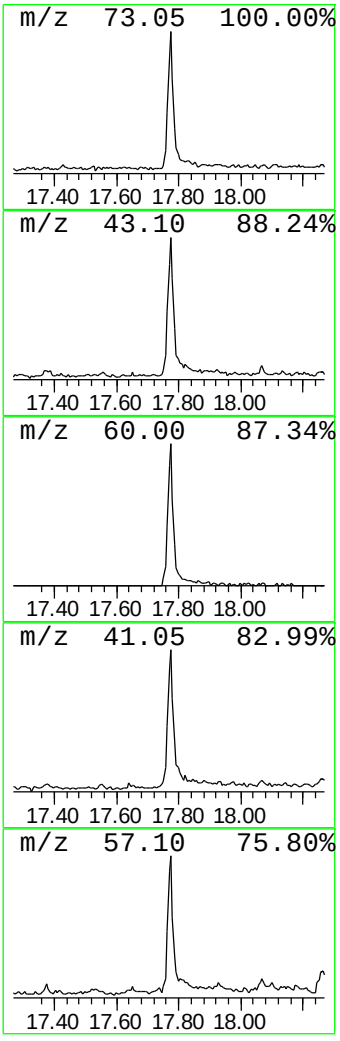
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	4.15 ng/ul	422967	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	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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Sample : L4753-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG6

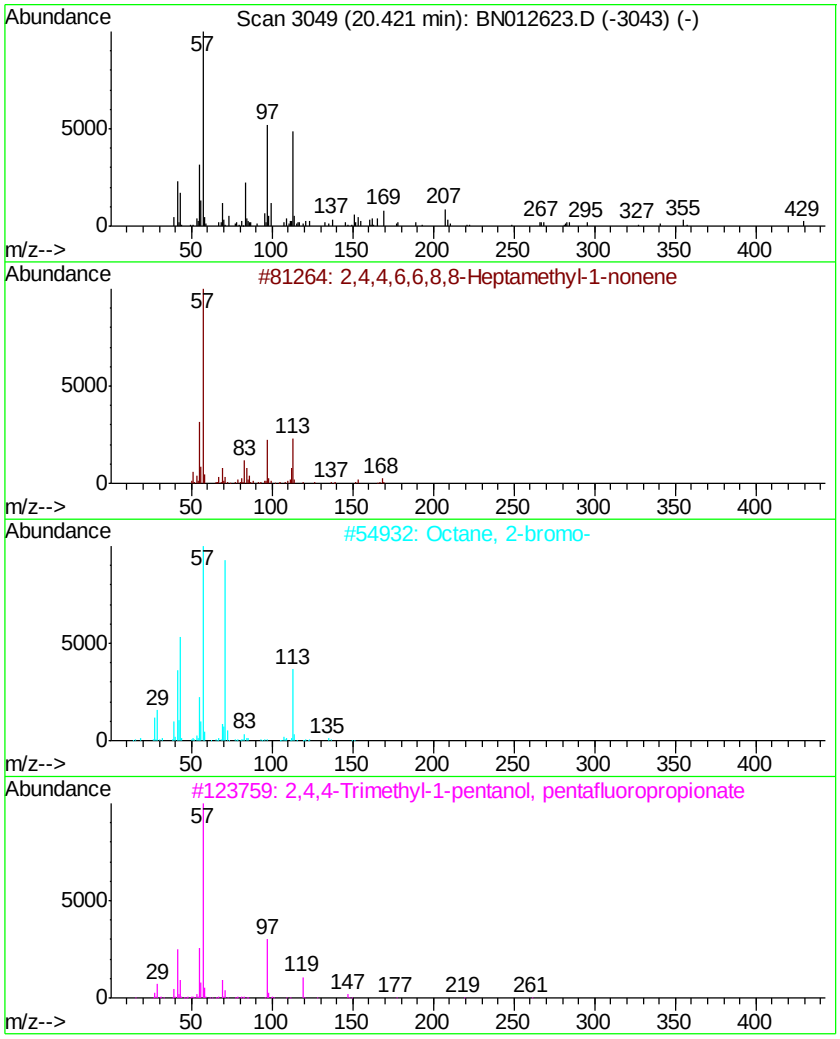
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

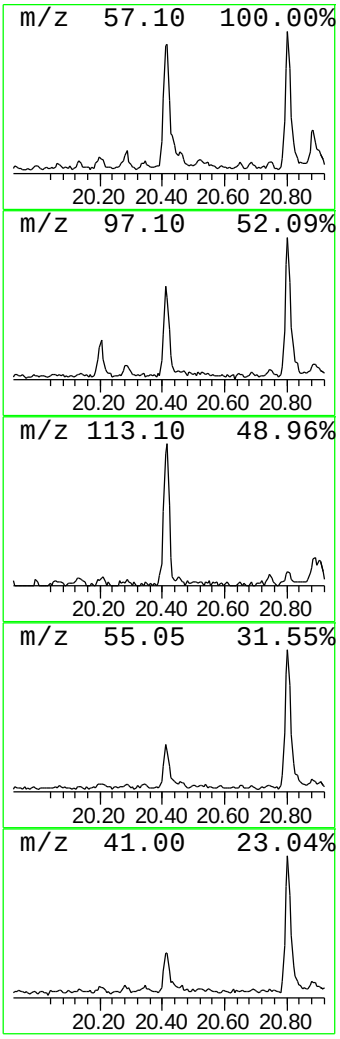
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	2.15 ng/ul	271018	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	64
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	35
3	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	27
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	25
5	6,6-Dibutoxyhexanoic acid, butyl...	316	C18H36O4	1000280-29-0	23





Library Search Compound Report

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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG6

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

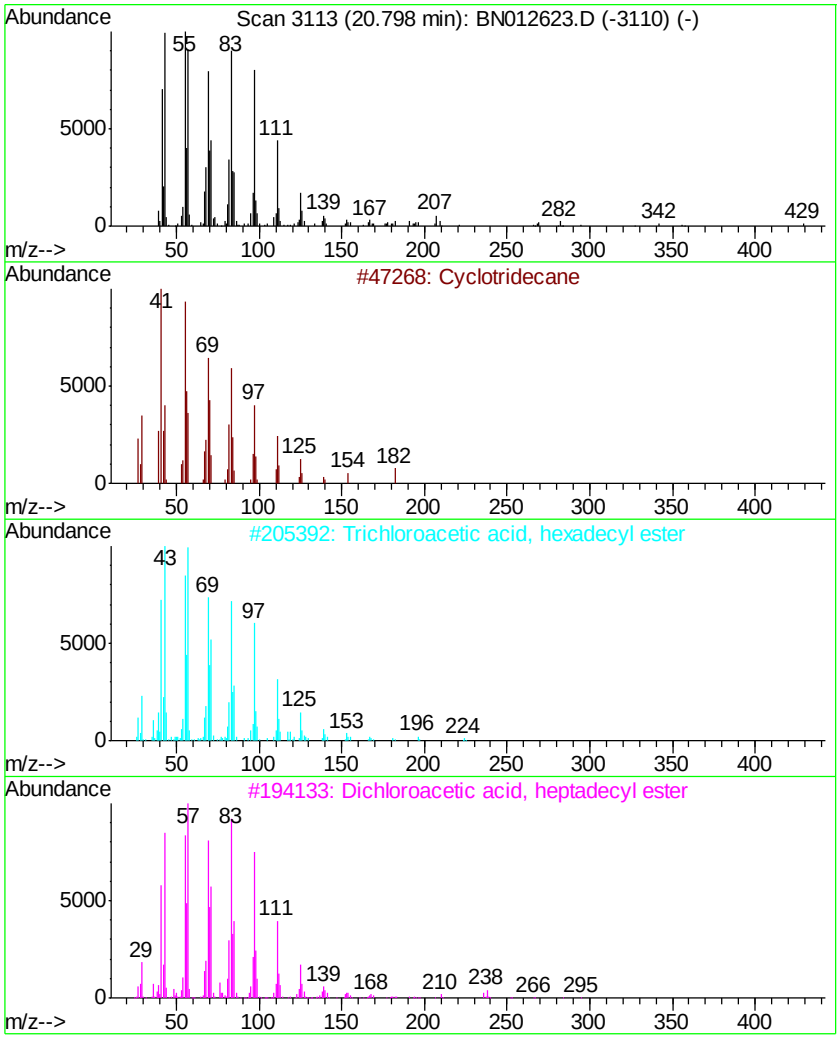
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

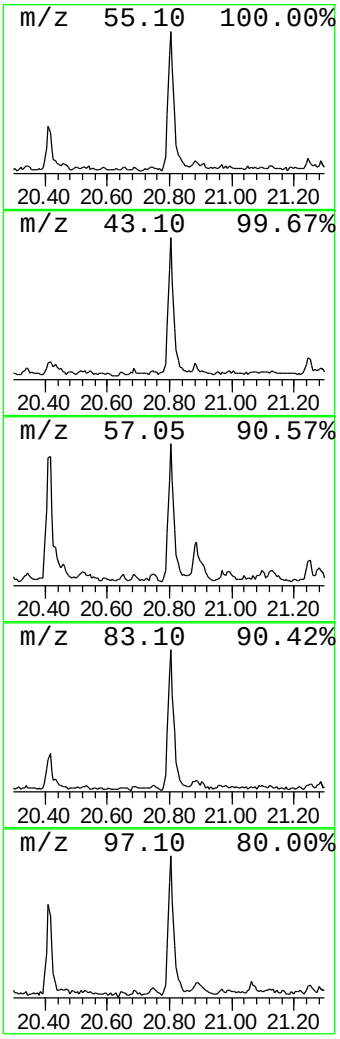
****

Peak Number 5 (DEL) Alkane: Cyclic20.80 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	5.11 ng/ul	644064	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotridecane	182	C13H26	000295-02-3	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5	1-Docosene	308	C22H44	001599-67-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111820\
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Operator : CG/JU
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Instrument : BNA_N
ClientSampleId : DBGG6

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	9.4	ng/ul	450372	1	7.45	962230	20.0
Butane, 2-methoxy...	2.72	22.9	ng/ul	1101870	1	7.45	962230	20.0
n-Hexadecanoic acid	17.77	4.2	ng/ul	422967	4	16.86	2038760	20.0
(DEL) Alkane: Str...	20.42	2.1	ng/ul	271018	5	21.07	2521010	20.0
(DEL) Alkane: Cyc...	20.80	5.1	ng/ul	644064	5	21.07	2521010	20.0