LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012606.D
Acq On : 18 Nov 2020 22:30
Operator : CG/JU
Sample : L4753-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH2

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	255999	465981	8.62%	0.988%
2	2.717	35	39	54	rVB	888304	1178944	21.82%	2.499%
3	2.981	81	84	90	rVB	45396	54845	1.02%	0.116%
4	3.605	185	190	194	rVB5	8642	15429	0.29%	0.033%
5	3.693	201	205	207	rBV3	9681	11943	0.22%	0.025%
6	4.281	301	305	307	rBV4	4834	7018	0.13%	0.015%
7	6.634	698	705	713	rBV	160528	265324	4.91%	0.562%
8	6.799	727	733	743	rBV	536101	855522	15.83%	1.813%
9	6.981	758	764	775	rBV	662868	1044093	19.32%	2.213%
10	7.446	837	843	852	rBV	581049	903248	16.72%	1.914%
11	8.158	958	964	980	rBV	461826	731410	13.54%	1.550%
12	8.599	1032	1039	1057	rBV	709316	1210266	22.40%	2.565%
13	9.022	1107	1111	1115	rVB5	7901	11316	0.21%	0.024%
14	9.228	1141	1146	1152	rBV2	18217	24543	0.45%	0.052%
15	9.310	1152	1160	1168	rBV	653665	1069754	19.80%	2.267%
16	9.369	1168	1170	1176	rVB3	16315	28369	0.53%	0.060%
17	9.840	1244	1250	1261	rBV	868504	1440594	26.66%	3.053%
18	10.210	1304	1313	1329	rVB	732096	1224955	22.67%	2.596%
19	10.363	1334	1339	1353	rVB2	50467	109643	2.03%	0.232%
20	10.599	1374	1379	1386	rVB5	19155	32569	0.60%	0.069%
21	11.816	1581	1586	1594	rVB6	11881	22985	0.43%	0.049%
22	12.446	1689	1693	1700	rVB4	3817	8132	0.15%	0.017%
23	12.940	1769	1777	1778	rBV6	4934	7862	0.15%	0.017%
24	13.010	1782	1789	1795	rVB2	29115	46444	0.86%	0.098%
25	13.522	1870	1876	1881	rBV	1706534	2398160	44.39%	5.083%
26	13.569	1881	1884	1893	rVB	157051	217128	4.02%	0.460%
27	13.793	1915	1922	1932	rBV	1909603	2714007	50.23%	5.752%
28	14.028	1958	1962	1965	rVB3	3918	6254	0.12%	0.013%
29	14.104	1968	1975	1982	rVV	1150288	1648588	30.51%	3.494%
30	14.163	1982	1985	1991	rVB4	16697	27607	0.51%	0.059%
31	14.322	2008	2012	2022	rBV2	106149	211227	3.91%	0.448%
32	14.545	2048	2050	2056	rVB4	5706	7391	0.14%	0.016%
33	14.657	2066	2069	2073	rVB4	5236	5589	0.10%	0.012%
34	14.981	2121	2124	2132	rVB4	3917	6308	0.12%	0.013%

LSC Area Percent Report

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Acq On : 18 Nov 2020 22:30
Operator : CG/JU
Sample : L4753-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH2

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	15.051	2132	2136	2139	rBV5	8160	13258	0.25%	0.028%
36	15.104	2139	2145	2157	rVV	2558154	3497146	64.73%	7.412%
37	15.234	2161	2167	2179	rVV	1092003	1537882	28.46%	3.259%
38	15.345	2181	2186	2193	rVB3	30566	54527	1.01%	0.116%
39	15.451	2198	2204	2208	rBV	17245	26397	0.49%	0.056%
40	15.616	2228	2232	2238	rBV7	11338	21021	0.39%	0.045%
41	15.834	2266	2269	2276	rBV7	8602	16992	0.31%	0.036%
42	15.887	2276	2278	2282	rVV5	6784	9951	0.18%	0.021%
43	16.016	2295	2300	2306	rVB8	6980	12997	0.24%	0.028%
44	16.287	2343	2346	2347	rBV2	8130	6992	0.13%	0.015%
45	16.357	2355	2358	2363	rVB5	4908	6446	0.12%	0.014%
46	16.410	2363	2367	2372	rBV6	3261	5975	0.11%	0.013%
47	16.634	2402	2405	2411	rBV6	10668	20271	0.38%	0.043%
48	16.857	2437	2443	2451	rVV	1373253	1933401	35.78%	4.098%
49	16.957	2453	2460	2473	rVV	2892159	4184111	77.44%	8.868%
50	17.169	2491	2496	2498	rBV5	4930	8681	0.16%	0.018%
51	17.239	2504	2508	2511	rBV5	6737	9598	0.18%	0.020%
52	17.369	2528	2530	2533	rBV3	6725	5887	0.11%	0.012%
53	17.481	2546	2549	2554	rBV5	4867	10608	0.20%	0.022%
54	17.539	2558	2559	2566	rVB6	7386	10058	0.19%	0.021%
55	17.775	2592	2599	2607	rBV	228321	355742	6.58%	0.754%
56	17.839	2608	2610	2613	rVB	17448	18599	0.34%	0.039%
57	18.181	2667	2668	2671	rBV3	5464	5559	0.10%	0.012%
58	18.310	2687	2690	2693	rVB3	5583	6348	0.12%	0.013%
59	18.475	2716	2718	2724	rVB6	6782	10144	0.19%	0.021%
60	18.651	2745	2748	2750	rBV4	7025	7585	0.14%	0.016%
61	18.751	2762	2765	2770	rVB5	17462	21426	0.40%	0.045%
62	18.804	2772	2774	2778	rVV5	6484	9998	0.19%	0.021%
63	18.892	2784	2789	2792	rBV	32415	46791	0.87%	0.099%
64	19.069	2814	2819	2826	rVV2	86096	126071	2.33%	0.267%
65	19.145	2829	2832	2838	rVB	28860	42373	0.78%	0.090%
66	19.263	2846	2852	2862	rBV	3766736	4957927	91.76%	10.508%
67	19.804	2942	2944	2948	rVB5	12640	13764	0.25%	0.029%
68	20.798	3109	3113	3120	rBV2	537878	809164	14.98%	1.715%
69	20.863	3120	3124	3132	rVB	189742	257216	4.76%	0.545%
70	21.069	3154	3159	3168	rBV	1757061	2271474	42.04%	4.814%
71	21.192	3176	3180	3186	rBV2	102040	159193	2.95%	0.337%

LSC Area Percent Report

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Sample : L4753-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH2

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	21.245	3186	3189	3192	rBV2	67717	71041	1.31%	0.151%
73	21.663	3257	3260	3264	rBV4	85177	113845	2.11%	0.241%
74	22.098	3331	3334	3339	rVB	125645	131064	2.43%	0.278%
75	22.569	3411	3414	3419	rVB2	154656	205538	3.80%	0.436%
76	23.057	3490	3497	3502	rBV	3104699	5402915	100.00%	11.451%
77	23.186	3512	3519	3528	rVB	1367829	2446391	45.28%	5.185%
78	23.692	3602	3605	3610	rVB2	183095	287673	5.32%	0.610%

Sum of corrected areas: 47183488

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
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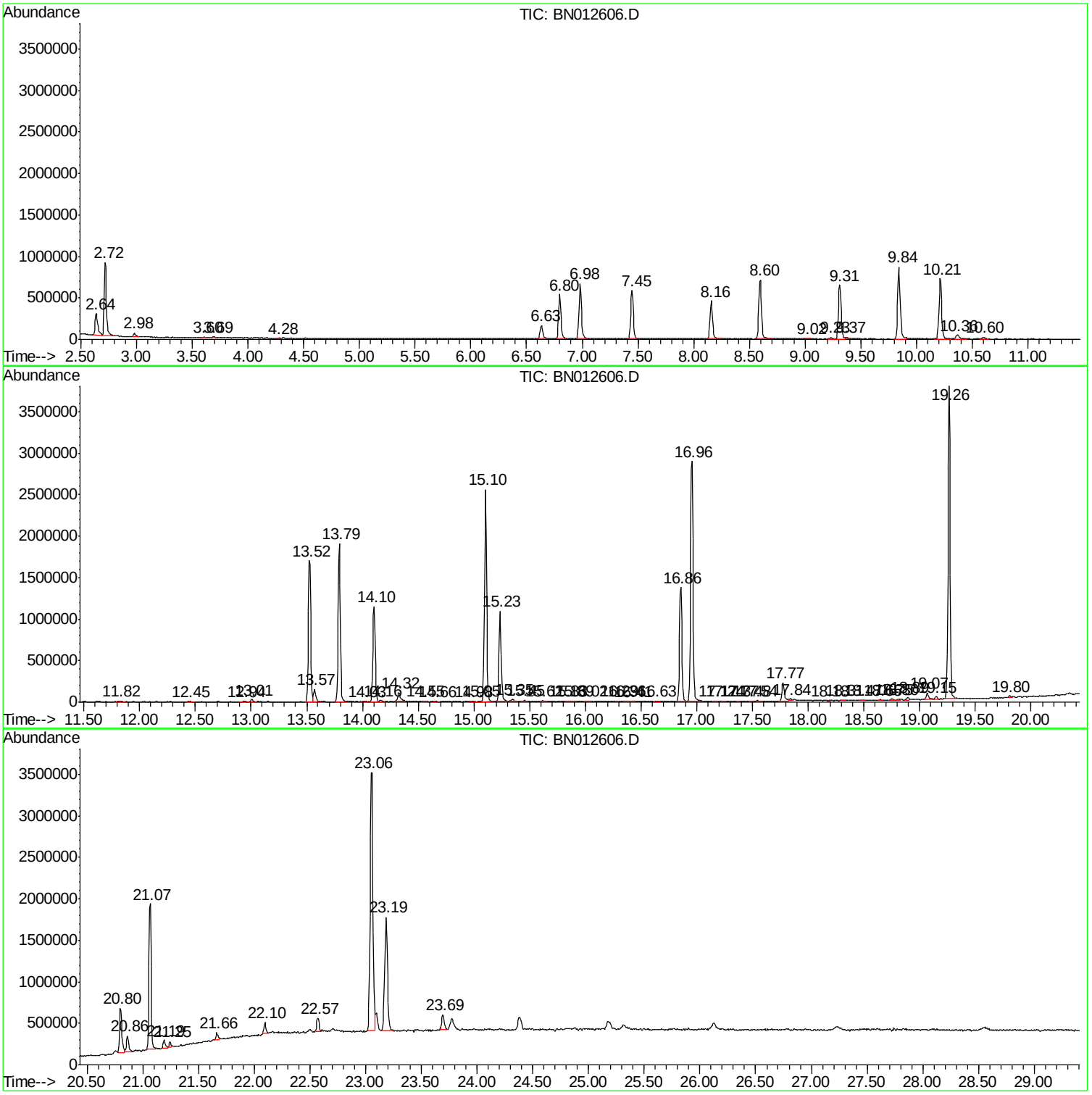
Sample : L4753-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH2

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012606.D
Acq On : 18 Nov 2020 22:30
Operator : CG/JU
Sample : L4753-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH2

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

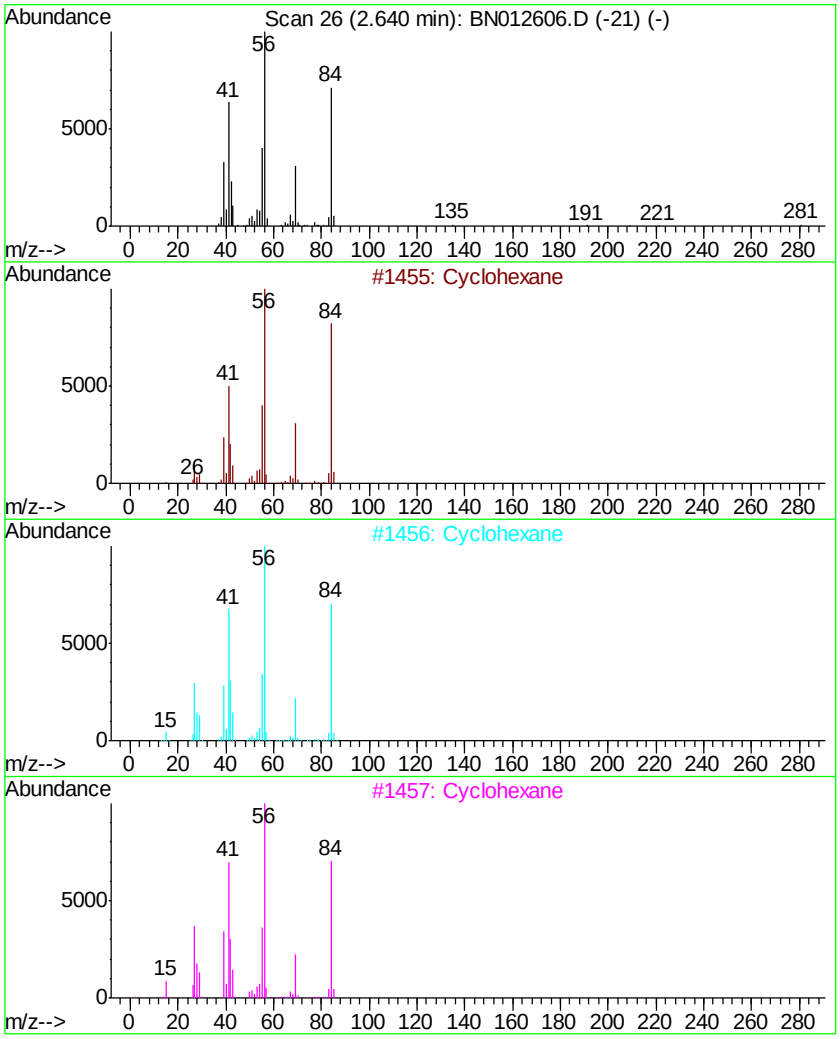
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

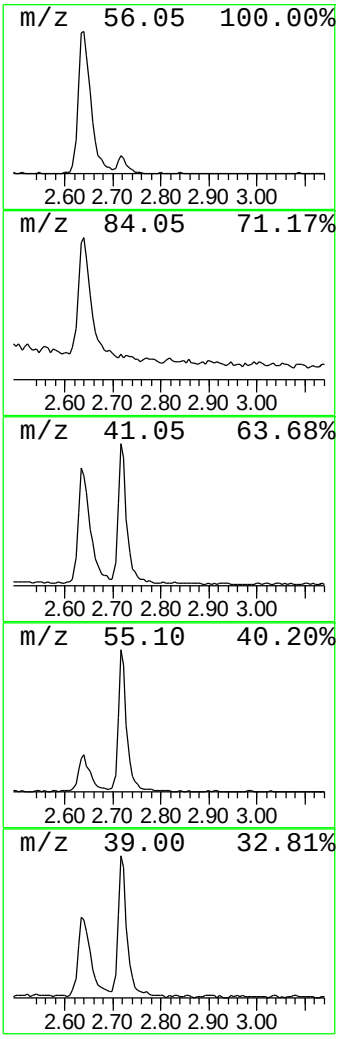
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.64	10.32 ng/ul	465981	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	86
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80





Library Search Compound Report

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Sample : L4753-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH2

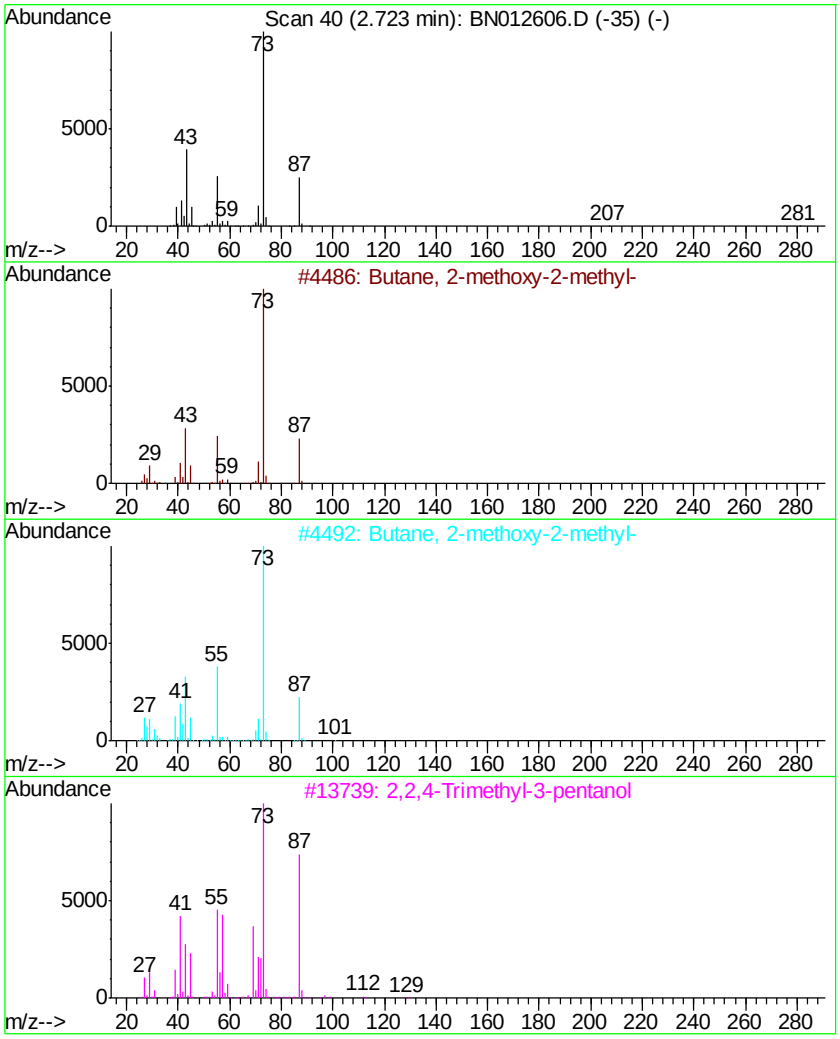
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

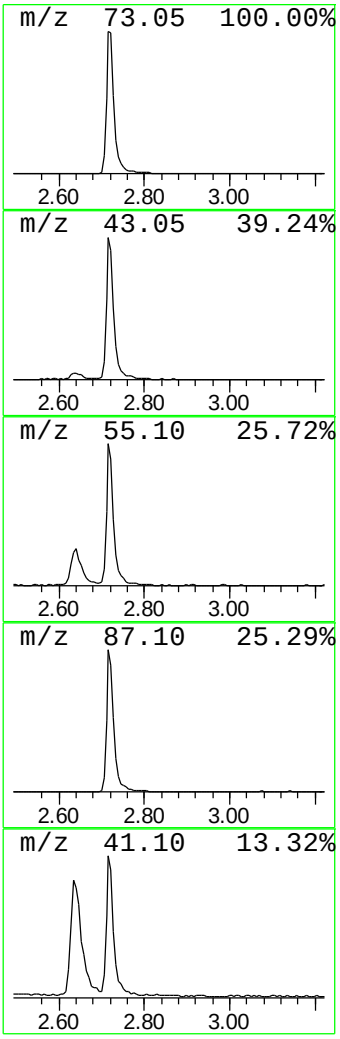
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	26.10 ng/ul	1178940	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	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
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Operator : CG/JU
Sample : L4753-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH2

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

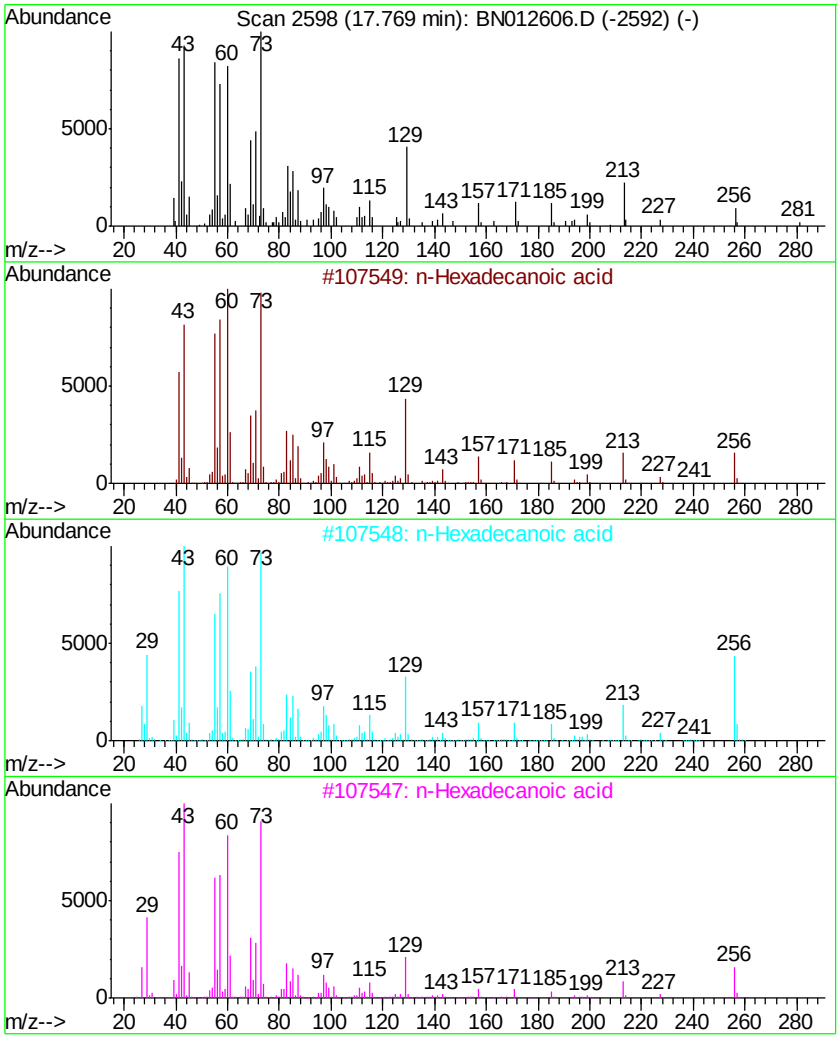
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

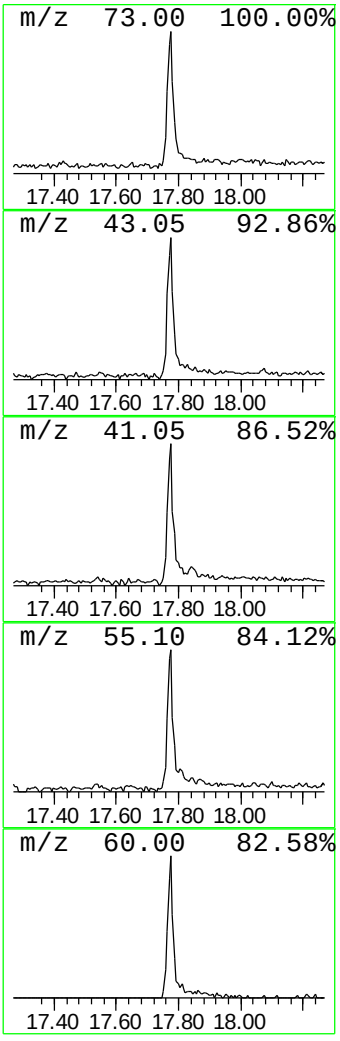
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	3.68 ng/ul	355742	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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : DBGH2

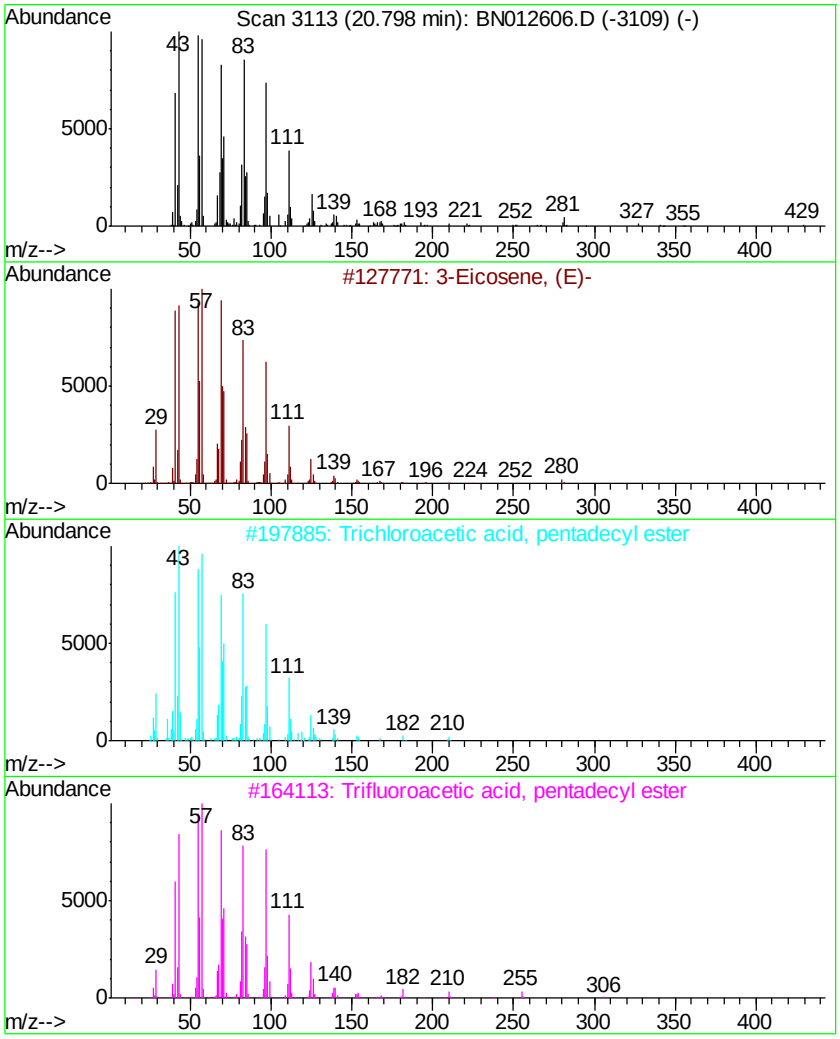
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

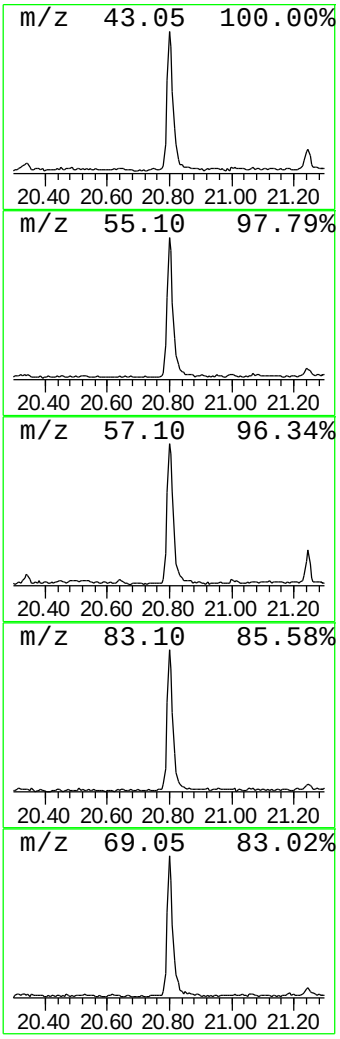
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	7.12 ng/ul	809164	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





Library Search Compound Report

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Sample : L4753-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH2

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

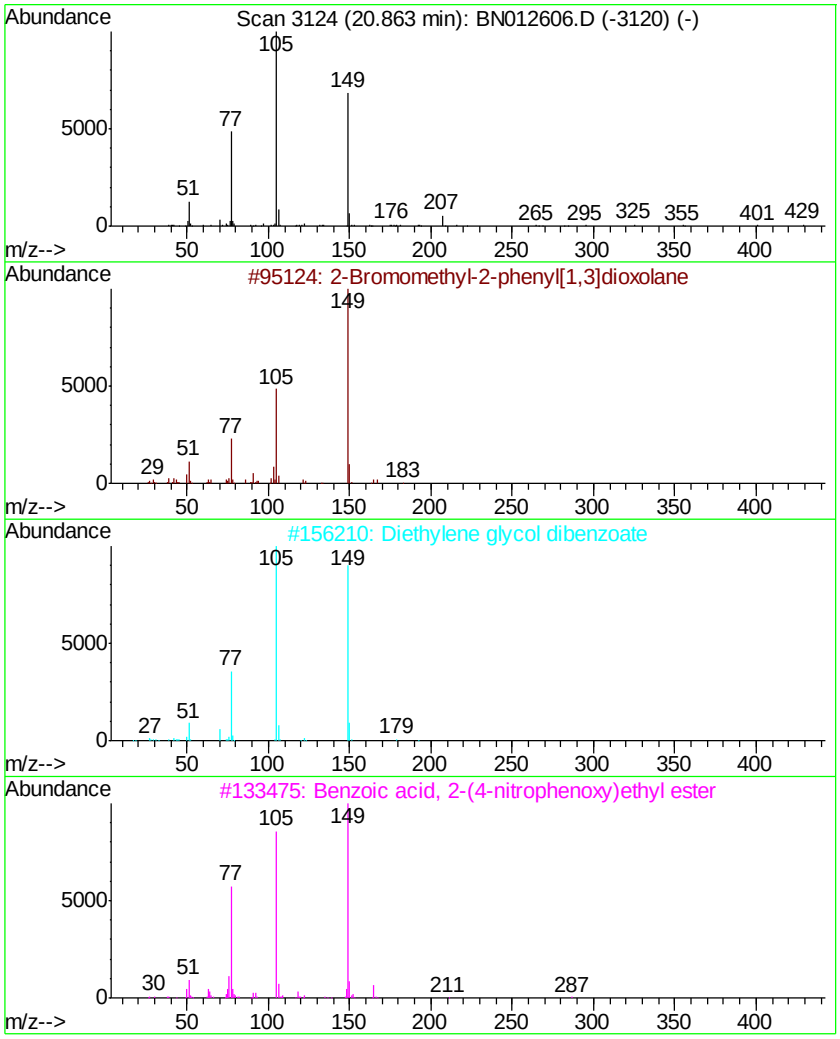
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

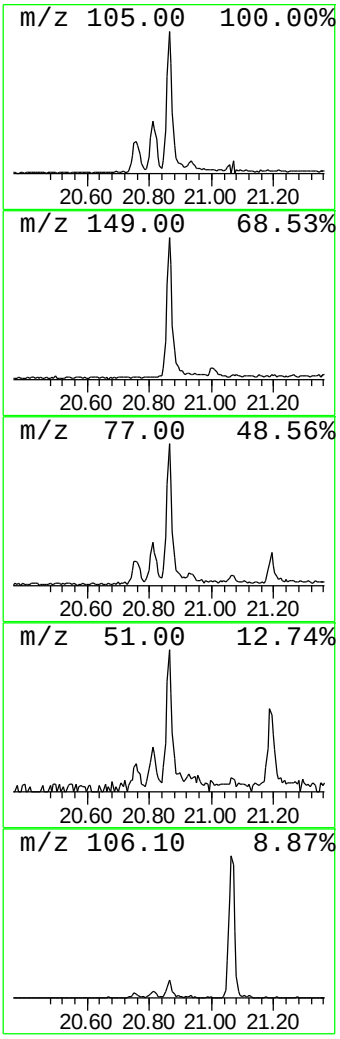
****

Peak Number 5 2-Bromomethyl-2-phenyl[1,3]... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.26 ng/ul	257216	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromomethyl-2-phenyl[1,3]dioxo...	242	C10H11BrO2	003418-21-1	78
2	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	64
3	Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	64
4	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	59
5	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	47





Library Search Compound Report

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Sample : L4753-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH2

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

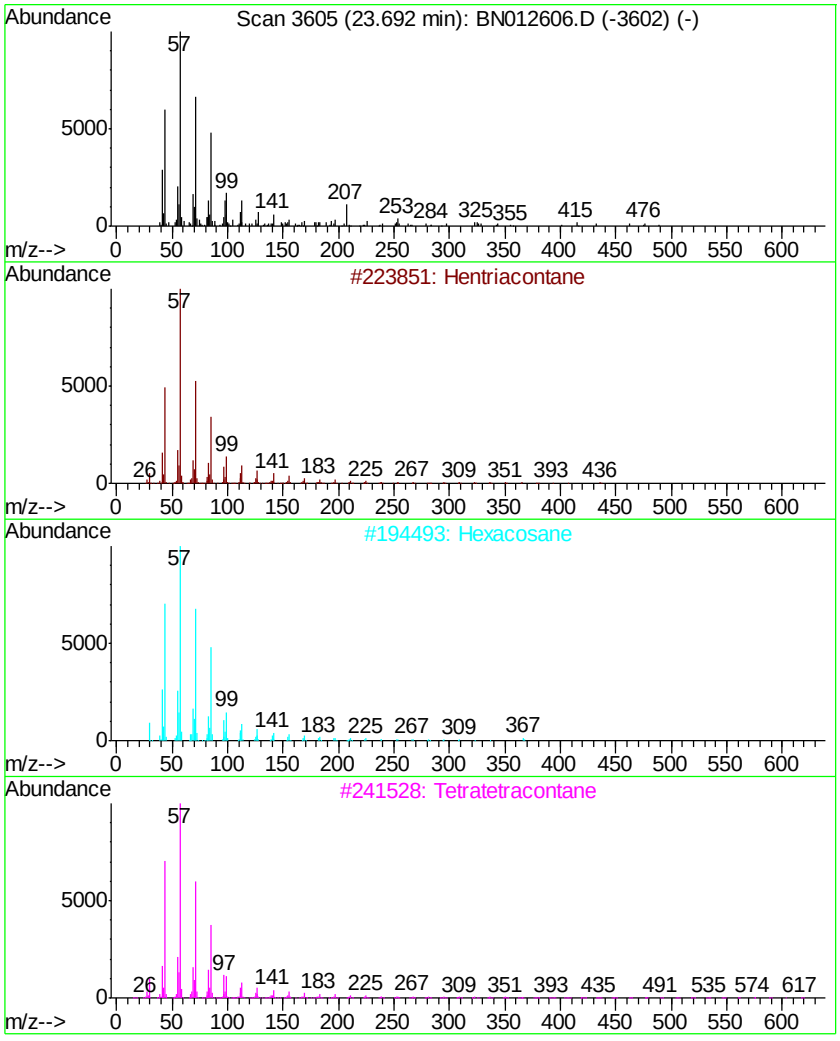
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

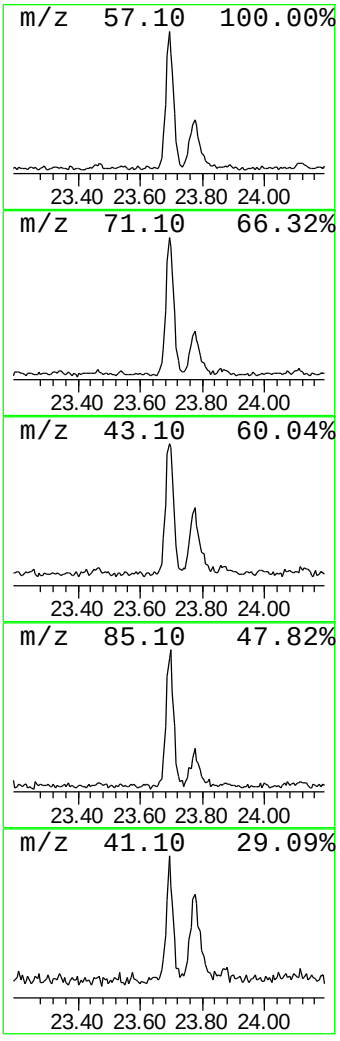
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	2.35 ng/ul	287673	Perylene-d12	23.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	87
2	Hexacosane	366	C26H54	000630-01-3	87
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Octacosane	394	C28H58	000630-02-4	83
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	83





Tentatively Identified Compound (LSC) summary

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Data File : BN012606.D
Acq On : 18 Nov 2020 22:30
Operator : CG/JU
Sample : L4753-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH2

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	10.3	ng/ul	465981	1	7.45	903248	20.0
Butane, 2-methoxy...	2.72	26.1	ng/ul	1178940	1	7.45	903248	20.0
n-Hexadecanoic acid	17.77	3.7	ng/ul	355742	4	16.86	1933400	20.0
(DEL) Alkane: Str...	20.80	7.1	ng/ul	809164	5	21.07	2271470	20.0
2-Bromomethyl-2-p...	20.86	2.3	ng/ul	257216	5	21.07	2271470	20.0
(DEL) Alkane: Str...	23.69	2.4	ng/ul	287673	6	23.19	2446390	20.0