LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012602.D
Acq On : 18 Nov 2020 20:06
Operator : CG/JU
Sample : L4726-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF6

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	36	rBV	241817	436480	9.17%	0.968%
2	2.716	36	39	58	rVB	754214	1011353	21.24%	2.243%
3	2.981	82	84	88	rBV4	8482	12215	0.26%	0.027%
4	3.605	188	190	196	rVB4	11323	12642	0.27%	0.028%
5	3.687	203	204	211	rVB5	9607	14358	0.30%	0.032%
6	4.063	264	268	270	rBV5	4384	5147	0.11%	0.011%
7	6.469	673	677	679	rBV4	5299	6453	0.14%	0.014%
8	6.634	699	705	718	rVB	144994	253911	5.33%	0.563%
9	6.799	727	733	749	rVB	525068	850100	17.85%	1.885%
10	6.981	758	764	776	rVB	654488	999627	20.99%	2.217%
11	7.446	837	843	853	rBV	545870	848836	17.83%	1.882%
12	7.522	853	856	863	rVB8	8698	14652	0.31%	0.032%
13	7.787	899	901	908	rVB6	5336	8673	0.18%	0.019%
14	8.157	956	964	975	rBV	414961	675945	14.20%	1.499%
15	8.599	1032	1039	1050	rBV	717485	1210940	25.43%	2.685%
16	9.022	1104	1111	1117	rVB2	20182	29754	0.62%	0.066%
17	9.310	1153	1160	1170	rBV	655700	1075411	22.59%	2.385%
18	9.840	1242	1250	1263	rBV	810861	1409507	29.60%	3.126%
19	10.210	1306	1313	1322	rBV	680528	1144477	24.04%	2.538%
20	10.269	1322	1323	1329	rVB4	7902	8219	0.17%	0.018%
21	10.369	1334	1340	1347	rBV3	38432	86636	1.82%	0.192%
22	11.504	1527	1533	1539	rVB2	17451	29698	0.62%	0.066%
23	11.816	1578	1586	1591	rBV4	10808	19921	0.42%	0.044%
24	12.945	1773	1778	1781	rBV4	12590	18914	0.40%	0.042%
25	13.010	1784	1789	1795	rVB5	12159	21424	0.45%	0.048%
26	13.069	1795	1799	1800	rBV3	3407	4784	0.10%	0.011%
27	13.528	1871	1877	1881	rBV	1755087	2403263	50.47%	5.330%
28	13.575	1881	1885	1893	rVB	178346	262576	5.51%	0.582%
29	13.792	1914	1922	1935	rBV	1906701	2745003	57.65%	6.087%
30	14.022	1956	1961	1966	rBV5	7610	10823	0.23%	0.024%
31	14.104	1969	1975	1985	rBV	1075176	1547991	32.51%	3.433%
32	14.328	2007	2013	2024	rBV2	81839	182110	3.82%	0.404%
33	14.475	2035	2038	2045	rVB5	5638	8606	0.18%	0.019%
34	14.657	2062	2069	2074	rVB7	7460	14027	0.29%	0.031%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4726-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF6

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	14.710	2074	2078	2082	rBV6	4380	7409	0.16%	0.016%
36	14.928	2111	2115	2117	rBV2	8150	9645	0.20%	0.021%
37	14.981	2122	2124	2129	rVV5	7605	7368	0.15%	0.016%
38	15.104	2138	2145	2156	rBV	2412559	3402518	71.46%	7.546%
39	15.233	2162	2167	2176	rBV	990333	1371846	28.81%	3.042%
40	15.345	2182	2186	2192	rVB2	28539	41123	0.86%	0.091%
41	15.598	2225	2229	2231	rBV4	4559	5124	0.11%	0.011%
42	15.792	2256	2262	2266	rVB7	8336	13086	0.27%	0.029%
43	15.845	2269	2271	2274	rVV4	6377	7872	0.17%	0.017%
44	15.892	2274	2279	2286	rVB2	28032	46968	0.99%	0.104%
45	16.016	2295	2300	2305	rVV7	9269	18340	0.39%	0.041%
46	16.098	2307	2314	2320	rVB	30964	47993	1.01%	0.106%
47	16.257	2337	2341	2345	rBV4	9742	14620	0.31%	0.032%
48	16.369	2356	2360	2366	rVB6	6213	8994	0.19%	0.020%
49	16.457	2372	2375	2378	rBV4	3499	5249	0.11%	0.012%
50	16.510	2378	2384	2392	rVB4	40533	65852	1.38%	0.146%
51	16.598	2395	2399	2403	rBV7	4670	6911	0.15%	0.015%
52	16.645	2403	2407	2411	rBV4	10032	13852	0.29%	0.031%
53	16.686	2411	2414	2419	rBV6	3461	5667	0.12%	0.013%
54	16.798	2431	2433	2437	rBV5	5573	7647	0.16%	0.017%
55	16.857	2437	2443	2451	rVV	1336516	1813167	38.08%	4.021%
56	16.957	2453	2460	2472	rVV	2741998	3892676	81.75%	8.633%
57	17.404	2534	2536	2537	rBV2	6925	5056	0.11%	0.011%
58	17.498	2549	2552	2555	rBV4	3639	6291	0.13%	0.014%
59	17.657	2573	2579	2581	rBV6	7733	11843	0.25%	0.026%
60	17.739	2587	2593	2594	rBV6	6969	8391	0.18%	0.019%
61	17.775	2594	2599	2606	rBV	211997	311509	6.54%	0.691%
62	17.845	2609	2611	2614	rVB4	15091	17436	0.37%	0.039%
63	17.922	2619	2624	2626	rBV5	7284	8931	0.19%	0.020%
64	18.151	2661	2663	2667	rVB5	7802	7112	0.15%	0.016%
65	18.263	2677	2682	2688	rBV2	22980	45912	0.96%	0.102%
66	18.304	2688	2689	2692	rBV3	5573	5832	0.12%	0.013%
67	18.363	2695	2699	2703	rBV5	18826	26504	0.56%	0.059%
68	18.533	2723	2728	2732	rBV	158008	200377	4.21%	0.444%
69	18.574	2733	2735	2739	rVV4	16213	21025	0.44%	0.047%
70	18.622	2739	2743	2748	rVV2	33195	47513	1.00%	0.105%
71	18.692	2752	2755	2761	rVB6	13764	28433	0.60%	0.063%

LSC Area Percent Report

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Sample : L4726-14
Misc :
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Instrument : BNA_N
ClientSampleId : DBGF6

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
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Title : SVOA CALIBRATION

72	18.898	2785	2790	2794	rBV	32257	49957	1.05%	0.111%
73	18.945	2795	2798	2807	rVB2	35589	51259	1.08%	0.114%
74	19.069	2815	2819	2826	rBV3	80004	122618	2.58%	0.272%
75	19.145	2829	2832	2836	rVV3	30536	45039	0.95%	0.100%
76	19.180	2836	2838	2843	rVB3	19091	21407	0.45%	0.047%
77	19.263	2846	2852	2862	rBV	3448043	4580117	96.19%	10.157%
78	19.433	2880	2881	2885	rBV4	7902	8306	0.17%	0.018%
79	19.639	2914	2916	2917	rBV2	9623	8178	0.17%	0.018%
80	19.804	2942	2944	2950	rBV5	19922	33909	0.71%	0.075%
81	20.204	3009	3012	3017	rBV4	29280	39281	0.82%	0.087%
82	20.286	3023	3026	3031	rVB3	63480	70110	1.47%	0.155%
83	20.410	3044	3047	3052	rBV	178428	216938	4.56%	0.481%
84	20.751	3102	3105	3110	rBV2	98457	160936	3.38%	0.357%
85	20.804	3110	3114	3120	rBV2	532282	779991	16.38%	1.730%
86	20.868	3121	3125	3129	rVV	245528	315249	6.62%	0.699%
87	21.068	3154	3159	3165	rBV	1705694	2131608	44.77%	4.727%
88	21.198	3177	3181	3184	rBV2	99630	139791	2.94%	0.310%
89	21.939	3304	3307	3313	rVB	109119	147279	3.09%	0.327%
90	22.098	3332	3334	3339	rVB3	96234	111901	2.35%	0.248%
91	22.574	3413	3415	3419	rVB4	130544	155222	3.26%	0.344%
92	23.057	3491	3497	3503	rBV	2863605	4761585	100.00%	10.560%
93	23.186	3513	3519	3528	rVB2	1215344	2191222	46.02%	4.859%

Sum of corrected areas: 45092471

LSC Report - Integrated Chromatogram

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Data File : BN012602.D
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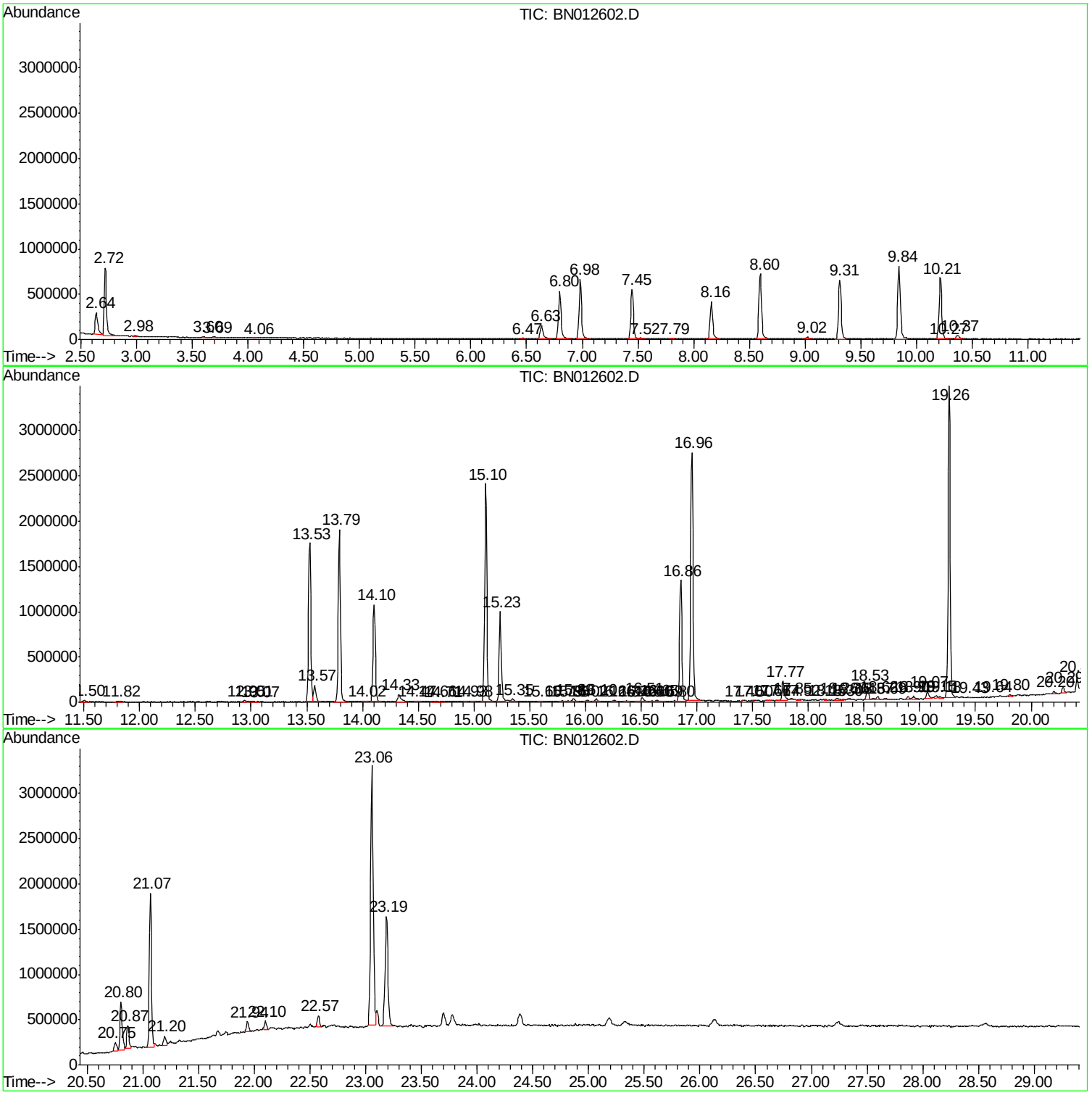
Operator : CG/JU
Sample : L4726-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF6

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 : BN012602.D
Acq On : 18 Nov 2020 20:06
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Quant Title : SVOA CALIBRATION

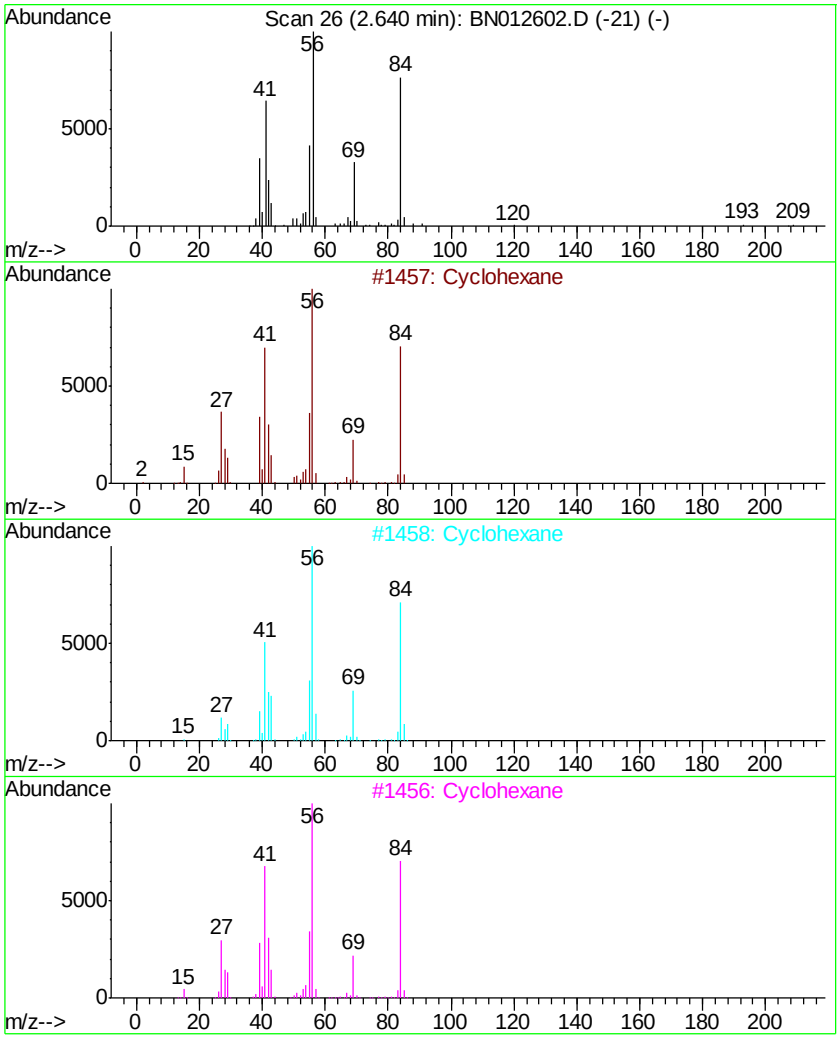
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

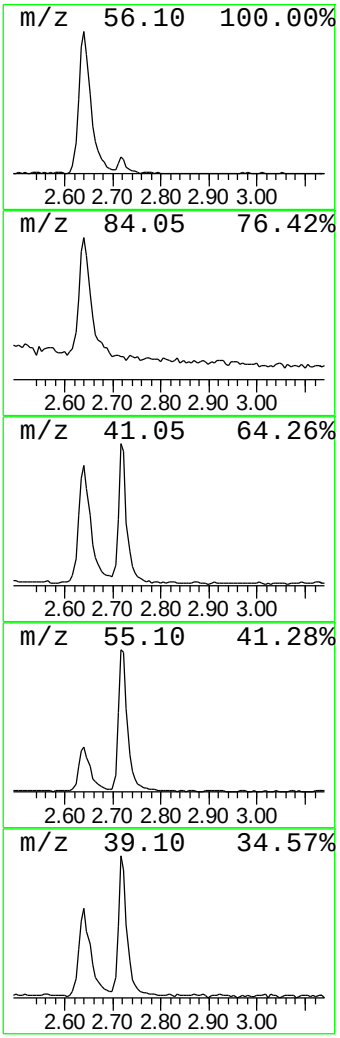
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.64	10.28 ng/ul	436480	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	90
3	Cyclohexane	84	C6H12	000110-82-7	90
4	Cyclohexane	84	C6H12	000110-82-7	90
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012602.D
Acq On : 18 Nov 2020 20:06
Operator : CG/JU
Sample : L4726-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF6

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

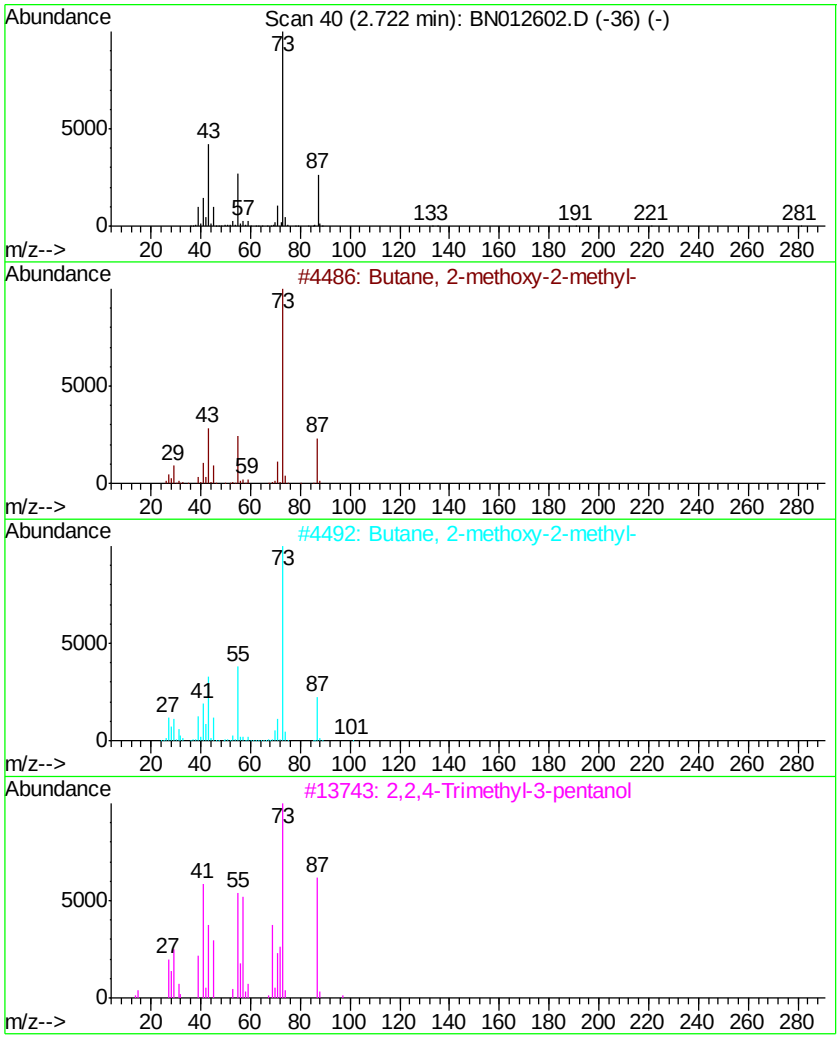
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

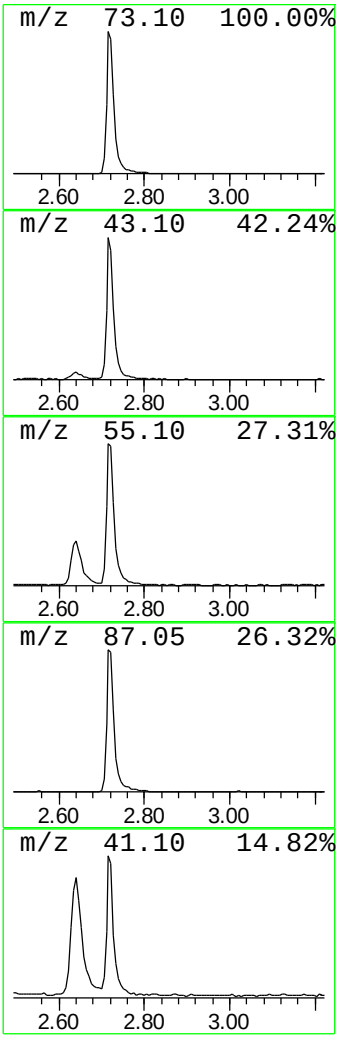
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	23.83 ng/ul	1011350	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	72
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
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	38
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38





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Sample : L4726-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF6

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

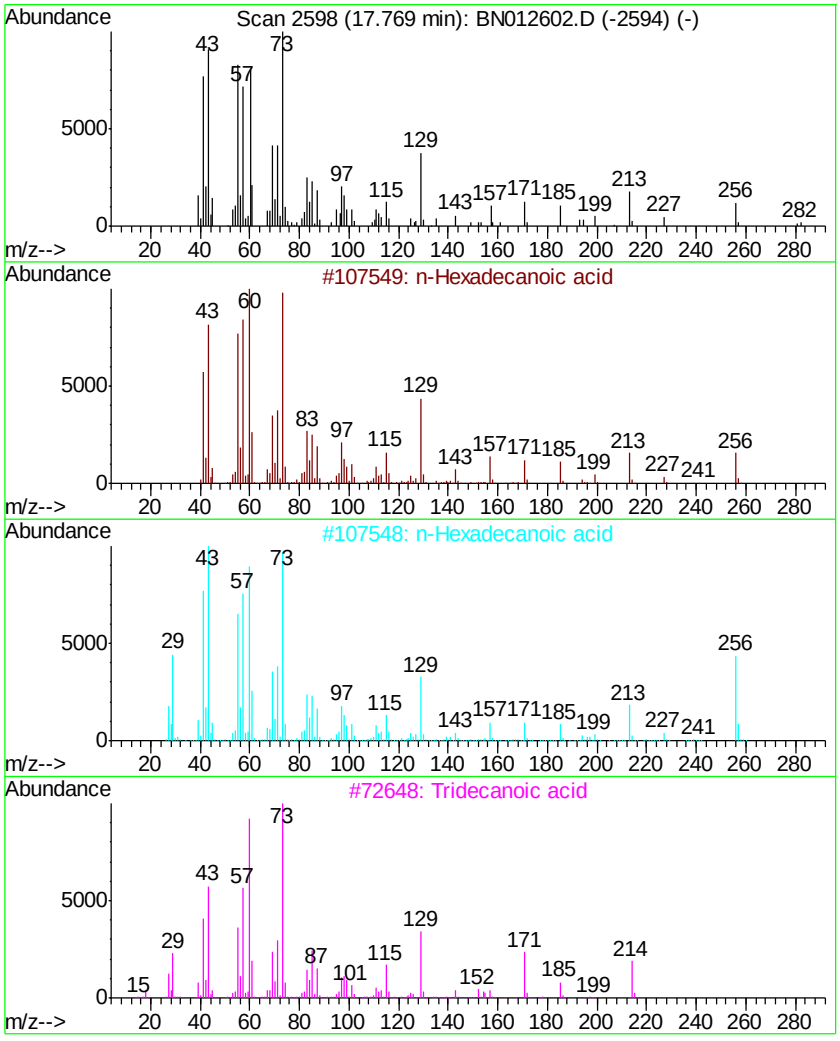
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

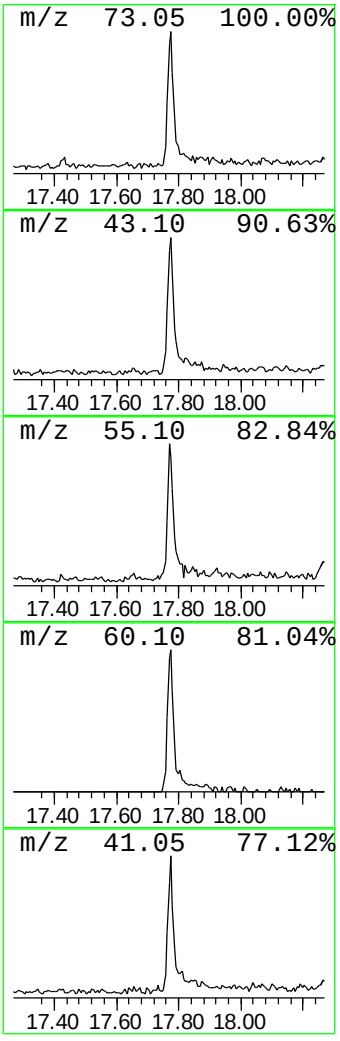
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	3.44 ng/ul	311509	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Library Search Compound Report

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Data File : BN012602.D
Acq On : 18 Nov 2020 20:06
Operator : CG/JU
Sample : L4726-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF6

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

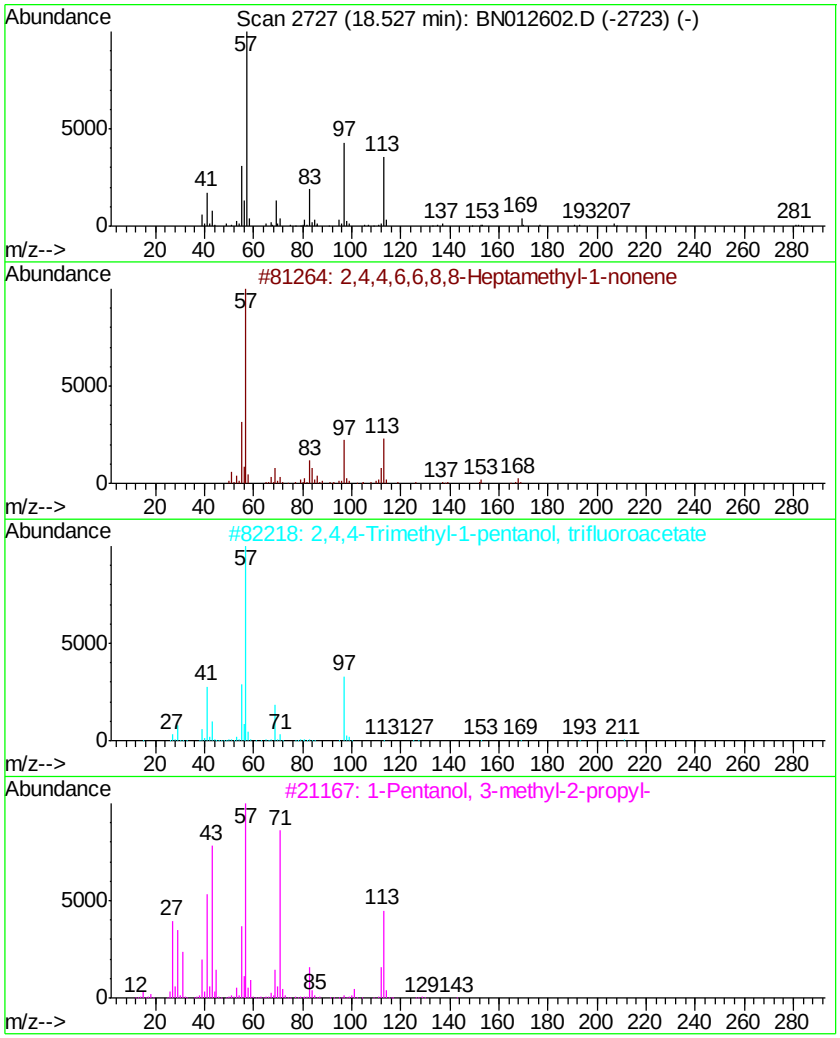
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

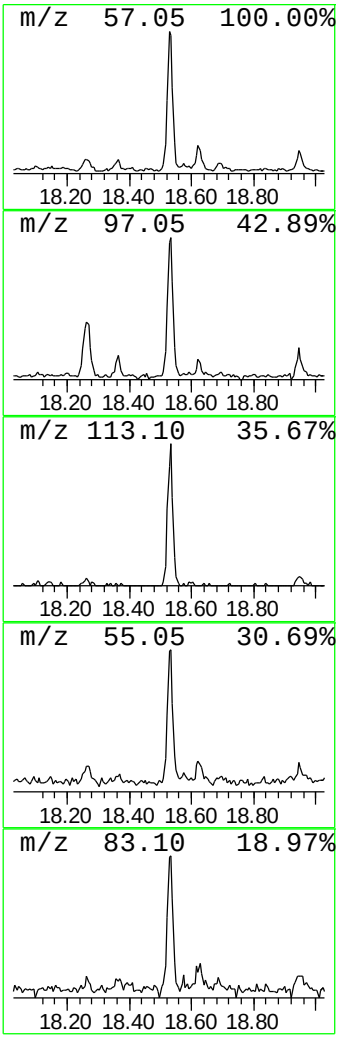
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	2.21 ng/ul	200377	Phenanthrene-d10	16.86

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	40
2	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	35
3	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	33
4	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	27
5	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	27





Library Search Compound Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF6

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

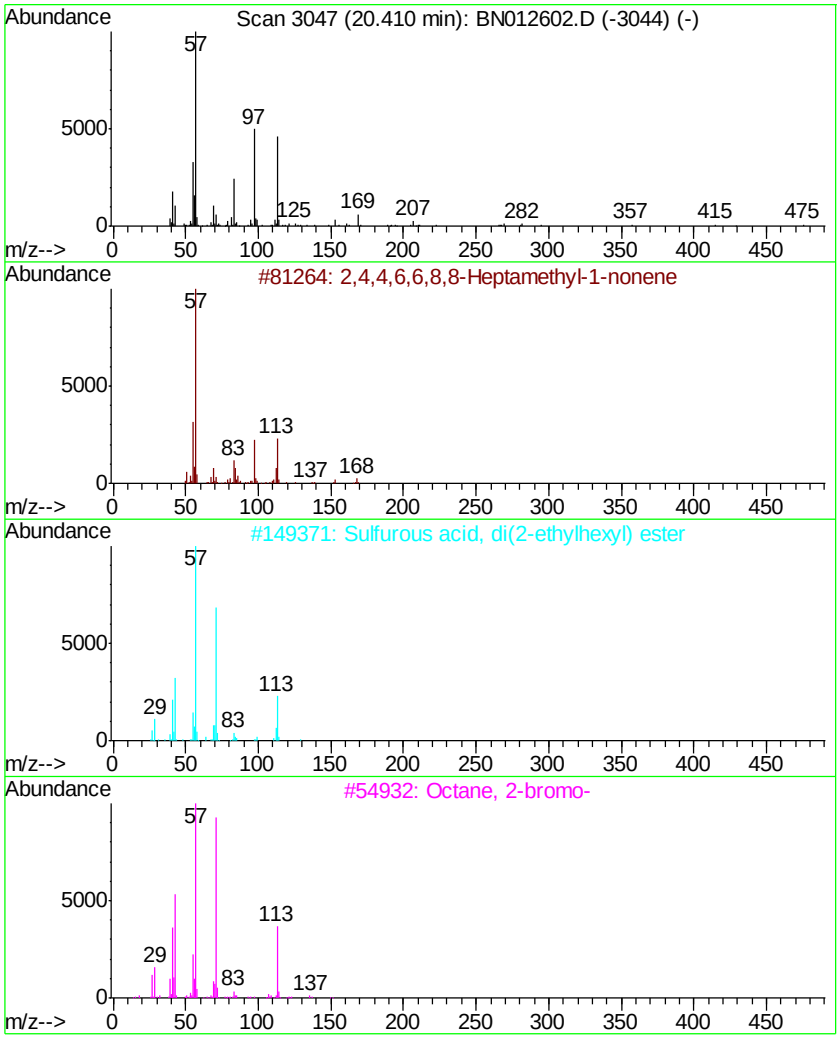
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

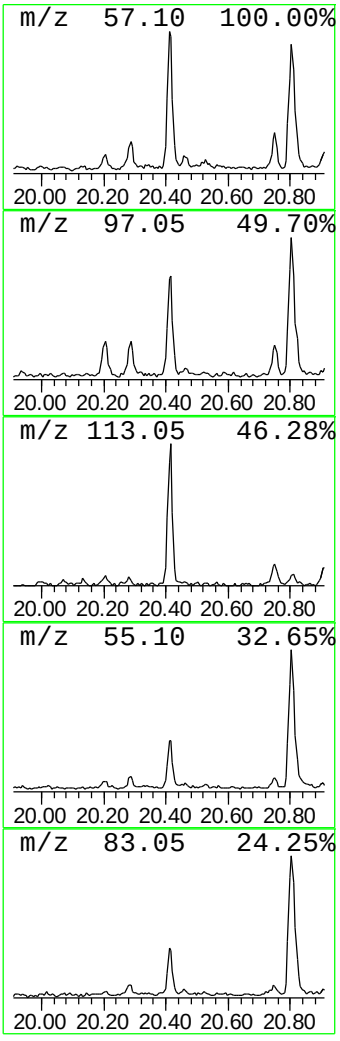
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	2.04 ng/ul	216938	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	43
2	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	35
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	32
4	Cyclohexane, 1,1'-[1,2-bis(1,1-d...	306	C22H42	065149-85-1	25
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	25





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Sample : L4726-14
Misc :
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Instrument : BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

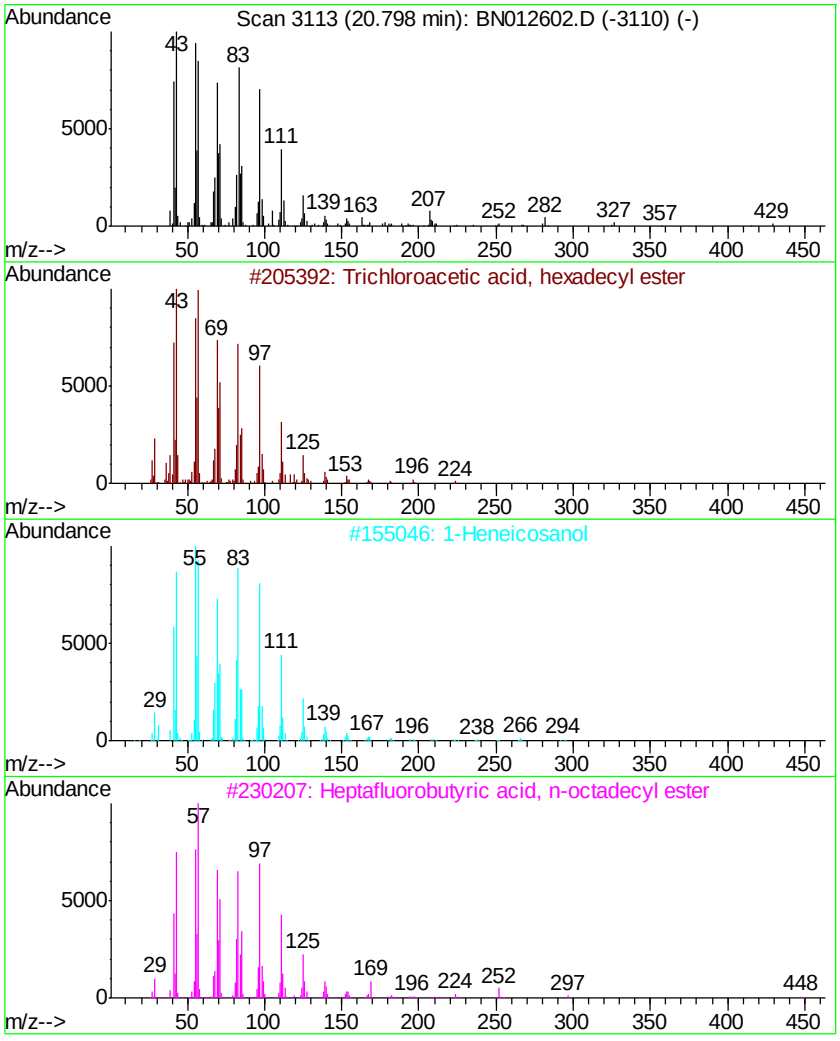
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

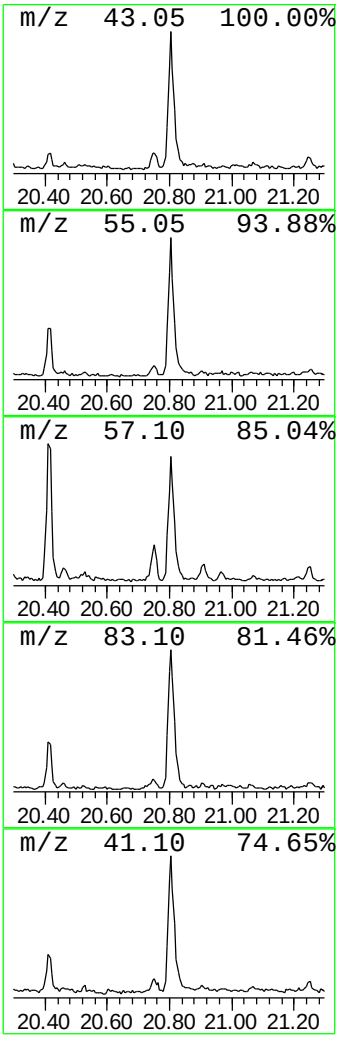
****

Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	7.32 ng/ul	779991	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	Cyclooctacosane	392	C28H56	000297-24-5	91
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012602.D
Acq On : 18 Nov 2020 20:06
Operator : CG/JU
Sample : L4726-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF6

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

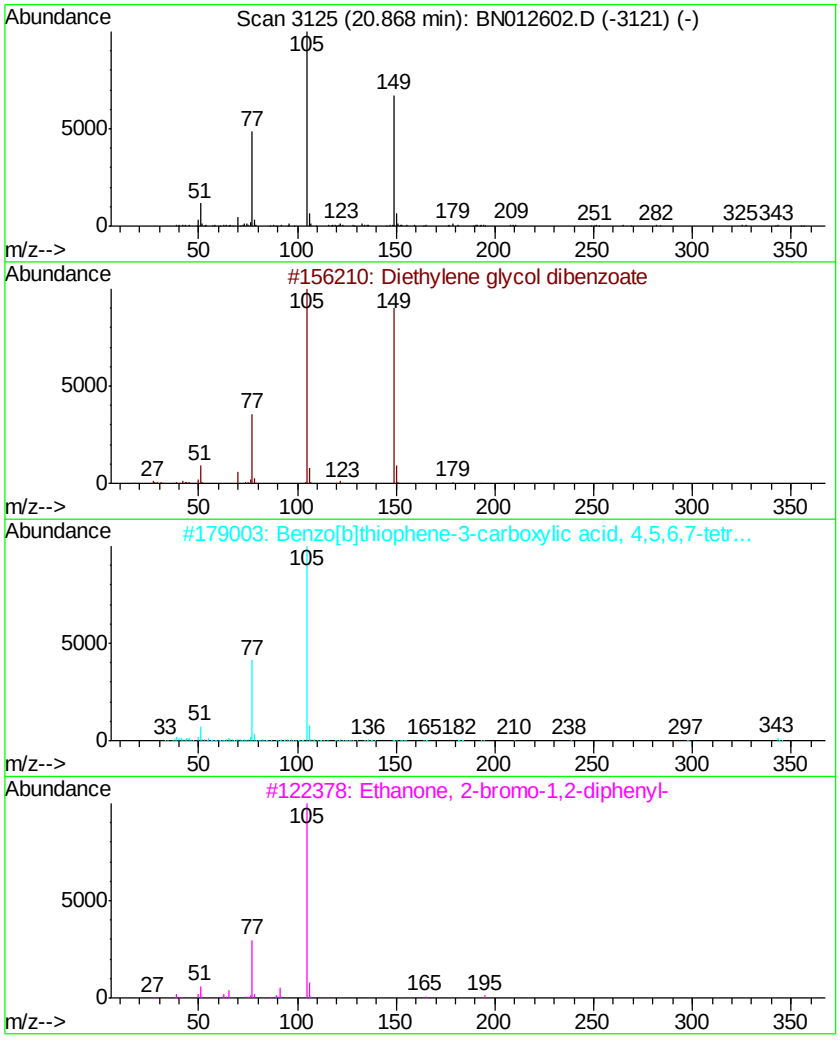
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

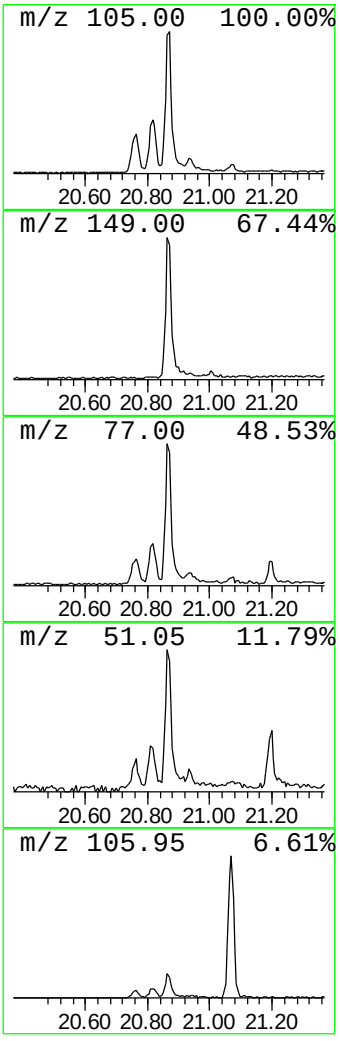
****

Peak Number 7 Diethylene glycol dibenzoate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.96 ng/ul	315249	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	64
2	Benzo[b]thiophene-3-carboxylic a...	343	C18H17NO4S	096334-43-9	47
3	Ethanone, 2-bromo-1,2-diphenyl-	274	C14H11BrO	001484-50-0	43
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	43
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111820\
Data File : BN012602.D
Acq On : 18 Nov 2020 20:06
Operator : CG/JU
Sample : L4726-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF6

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	436480	1	7.45	848836	20.0
Butane, 2-methoxy...	2.72	23.8	ng/ul	1011350	1	7.45	848836	20.0
n-Hexadecanoic acid	17.77	3.4	ng/ul	311509	4	16.86	1813170	20.0
(DEL) Alkane: Str...	18.53	2.2	ng/ul	200377	4	16.86	1813170	20.0
(DEL) Alkane: Str...	20.41	2.0	ng/ul	216938	5	21.07	2131610	20.0
Trichloroacetic a...	20.80	7.3	ng/ul	779991	5	21.07	2131610	20.0
Diethylene glycol...	20.87	3.0	ng/ul	315249	5	21.07	2131610	20.0