LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012609.D
Acq On : 19 Nov 2020 00:19
Operator : CG/JU
Sample : L4726-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG3

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	20	26	32	rBV	231072	387006	8.56%	0.951%
2	2.716	35	39	51	rVB	702444	873658	19.32%	2.147%
3	2.981	81	84	92	rVB	40230	56345	1.25%	0.138%
4	3.522	174	176	179	rVB3	5724	5138	0.11%	0.013%
5	3.687	201	204	209	rVB3	13008	18881	0.42%	0.046%
6	6.634	697	705	715	rBV	123017	210904	4.67%	0.518%
7	6.799	726	733	743	rBV	417423	685939	15.17%	1.686%
8	6.981	757	764	772	rBV	546778	835418	18.48%	2.053%
9	7.446	836	843	853	rBV	561290	869694	19.24%	2.137%
10	7.528	855	857	865	rVB5	5411	8774	0.19%	0.022%
11	8.157	958	964	974	rBV	338650	545314	12.06%	1.340%
12	8.593	1032	1038	1048	rBV	571105	954181	21.11%	2.345%
13	9.310	1153	1160	1171	rBV	520171	850960	18.82%	2.091%
14	9.840	1243	1250	1269	rBV	669012	1146836	25.37%	2.818%
15	10.210	1307	1313	1320	rBV	716661	1171309	25.91%	2.878%
16	10.363	1334	1339	1345	rBV5	33864	66809	1.48%	0.164%
17	11.504	1530	1533	1536	rVB4	4381	5036	0.11%	0.012%
18	11.816	1580	1586	1589	rBV5	9425	14647	0.32%	0.036%
19	12.939	1773	1777	1784	rVB5	8269	12710	0.28%	0.031%
20	13.004	1784	1788	1795	rVB5	8559	13798	0.31%	0.034%
21	13.522	1870	1876	1882	rBV	1414126	1957872	43.31%	4.811%
22	13.569	1882	1884	1893	rVB	83815	104272	2.31%	0.256%
23	13.792	1915	1922	1931	rBV	1530796	2213465	48.96%	5.439%
24	14.022	1958	1961	1964	rBV3	4084	5257	0.12%	0.013%
25	14.104	1968	1975	1984	rBV	1068682	1583689	35.03%	3.892%
26	14.328	2006	2013	2026	rBV	75616	167239	3.70%	0.411%
27	14.869	2102	2105	2108	rVB3	9491	9436	0.21%	0.023%
28	14.928	2110	2115	2117	rBV2	9991	13483	0.30%	0.033%
29	14.951	2117	2119	2122	rVV	10616	10289	0.23%	0.025%
30	14.981	2122	2124	2130	rVB3	3633	5185	0.11%	0.013%
31	15.104	2138	2145	2160	rBV	2070727	2890282	63.93%	7.103%
32	15.233	2162	2167	2179	rVV	903297	1222850	27.05%	3.005%
33	15.345	2182	2186	2192	rVV3	30205	46116	1.02%	0.113%
34	15.398	2192	2195	2199	rVB3	4207	5882	0.13%	0.014%

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Misc :
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Instrument : BNA_N
ClientSampleId : DBGG3

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

35	15.892	2277	2279	2285	rVB4	8344	11000	0.24%	0.027%
36	16.022	2296	2301	2306	rVV6	6566	11326	0.25%	0.028%
37	16.098	2310	2314	2320	rVB2	22230	28138	0.62%	0.069%
38	16.192	2326	2330	2332	rBV5	4483	4874	0.11%	0.012%
39	16.257	2336	2341	2344	rBV3	9273	12536	0.28%	0.031%
40	16.410	2364	2367	2368	rBV3	5778	5215	0.12%	0.013%
41	16.645	2403	2407	2410	rBV4	7624	8038	0.18%	0.020%
42	16.857	2437	2443	2451	rBV	1355624	1881603	41.62%	4.624%
43	16.957	2453	2460	2472	rVV2	2446047	3537539	78.25%	8.693%
44	17.163	2490	2495	2497	rBV4	7189	10340	0.23%	0.025%
45	17.480	2546	2549	2552	rBV4	5677	6636	0.15%	0.016%
46	17.639	2572	2576	2577	rBV3	4211	5439	0.12%	0.013%
47	17.657	2577	2579	2582	rVB4	6620	7758	0.17%	0.019%
48	17.775	2594	2599	2609	rBV2	177167	269985	5.97%	0.663%
49	17.922	2622	2624	2630	rVB7	7393	11659	0.26%	0.029%
50	18.069	2646	2649	2652	rBV5	4837	4946	0.11%	0.012%
51	18.133	2657	2660	2661	rBV3	4500	4668	0.10%	0.011%
52	18.263	2677	2682	2685	rBV5	18152	27174	0.60%	0.067%
53	18.363	2695	2699	2702	rBV4	18037	23013	0.51%	0.057%
54	18.427	2709	2710	2713	rBV3	5288	5264	0.12%	0.013%
55	18.527	2721	2727	2734	rBV	115996	168631	3.73%	0.414%
56	18.574	2734	2735	2738	rVB2	9057	4943	0.11%	0.012%
57	18.622	2740	2743	2746	rBV4	26718	33283	0.74%	0.082%
58	18.692	2751	2755	2757	rVV5	6578	8743	0.19%	0.021%
59	18.769	2765	2768	2770	rBV4	6004	6665	0.15%	0.016%
60	18.898	2785	2790	2792	rBV2	24848	36265	0.80%	0.089%
61	18.945	2795	2798	2802	rVV5	23675	28034	0.62%	0.069%
62	19.069	2813	2819	2825	rBV3	75959	117871	2.61%	0.290%
63	19.145	2829	2832	2835	rVV	23873	27720	0.61%	0.068%
64	19.174	2835	2837	2840	rVV4	9865	10361	0.23%	0.025%
65	19.263	2846	2852	2860	rBV	3226398	4156141	91.93%	10.213%
66	19.804	2942	2944	2945	rBV2	15391	10947	0.24%	0.027%
67	19.886	2955	2958	2960	rBV4	11843	13174	0.29%	0.032%
68	20.280	3022	3025	3031	rBV	48222	60835	1.35%	0.149%
69	20.410	3043	3047	3054	rBV2	134000	250142	5.53%	0.615%
70	20.745	3101	3104	3109	rBV3	75351	123026	2.72%	0.302%
71	20.798	3109	3113	3120	rVV2	418885	603505	13.35%	1.483%

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Sample : L4726-23
Misc :
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Instrument : BNA_N
ClientSampleId : DBGG3

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

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Peak separation: 5

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

72	20.863	3121	3124	3134	rVB2	137141	304273	6.73%	0.748%
73	21.063	3153	3158	3166	rBV	1763673	2331688	51.58%	5.730%
74	21.192	3177	3180	3185	rBV	86849	110357	2.44%	0.271%
75	21.821	3285	3287	3293	rVB2	77436	82904	1.83%	0.204%
76	21.939	3303	3307	3316	rBV3	197827	349793	7.74%	0.860%
77	23.051	3490	3496	3502	rBV	2659167	4520870	100.00%	11.110%
78	23.180	3513	3518	3533	rVB	1383923	2487355	55.02%	6.112%

Sum of corrected areas: 40693351

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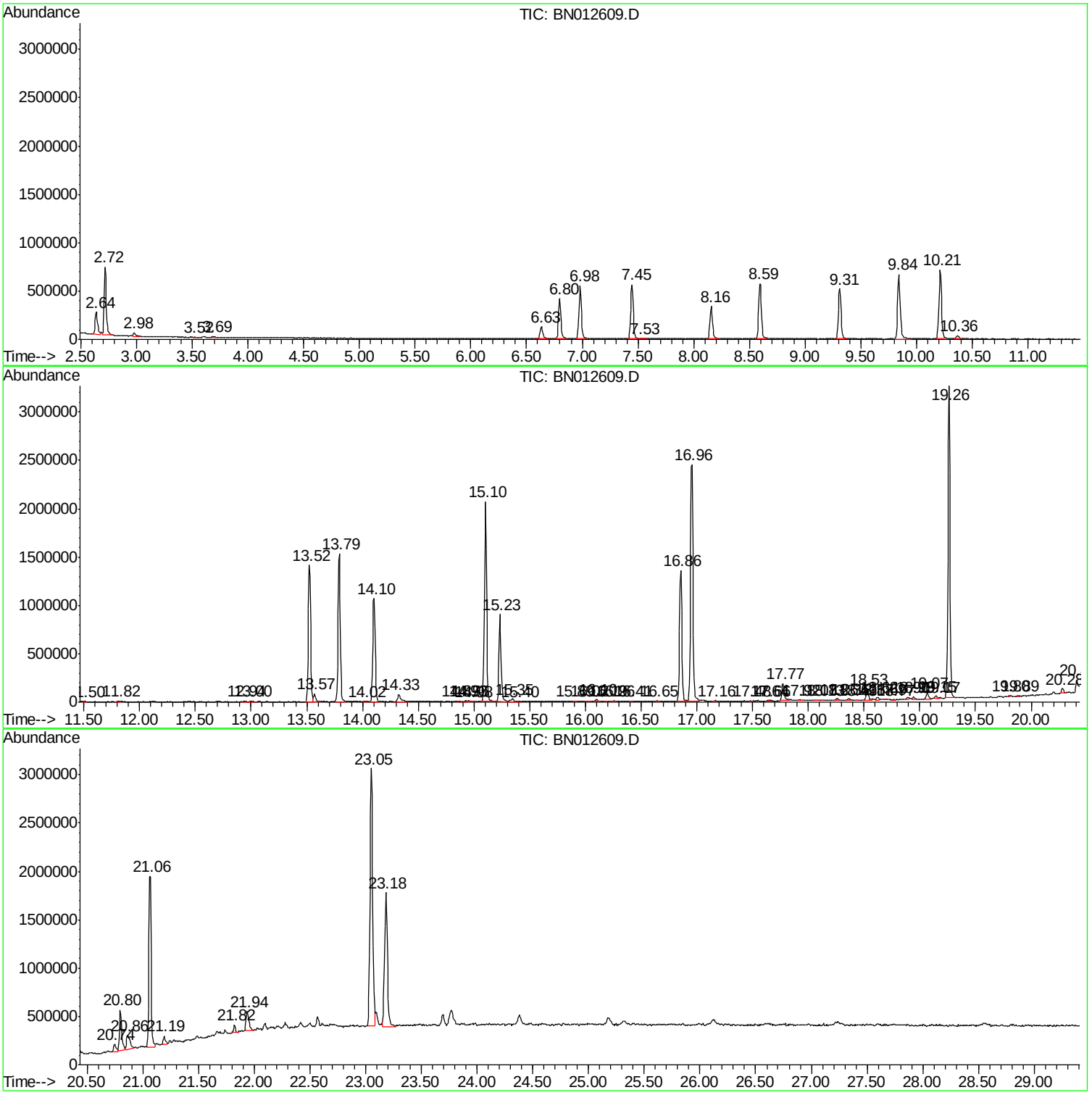
Sample : L4726-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBGG3

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



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Data File : BN012609.D
Acq On : 19 Nov 2020 00:19
Operator : CG/JU
Sample : L4726-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

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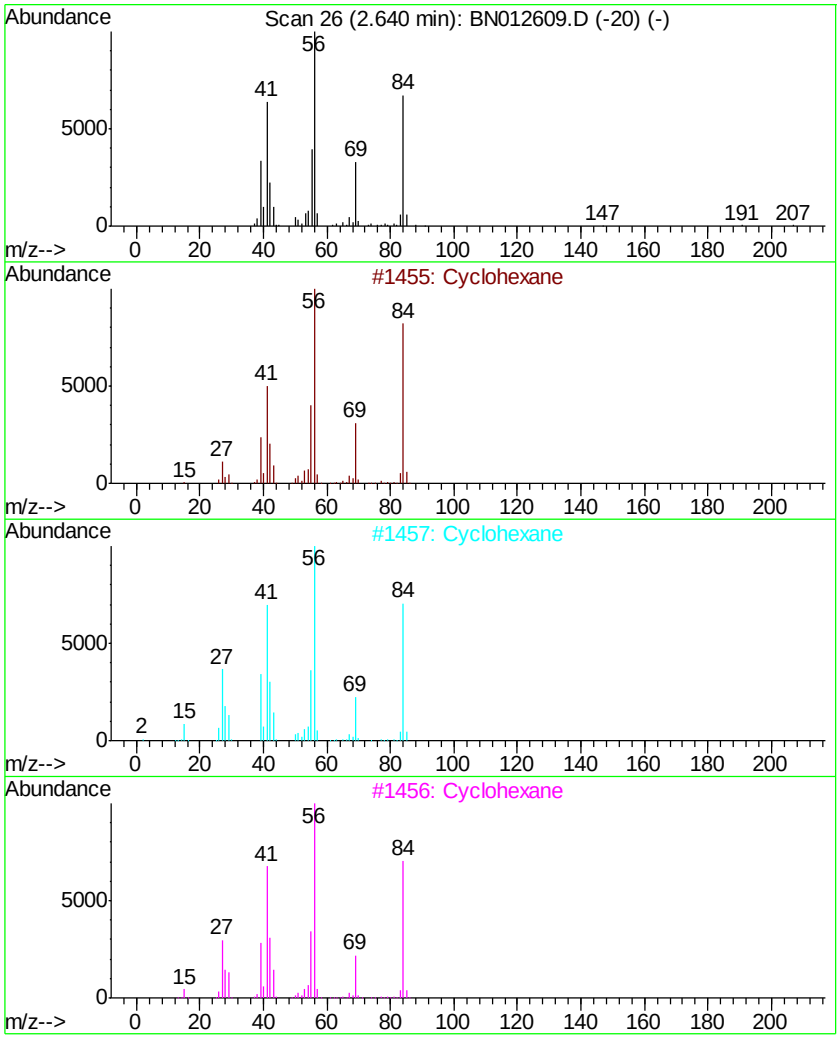
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

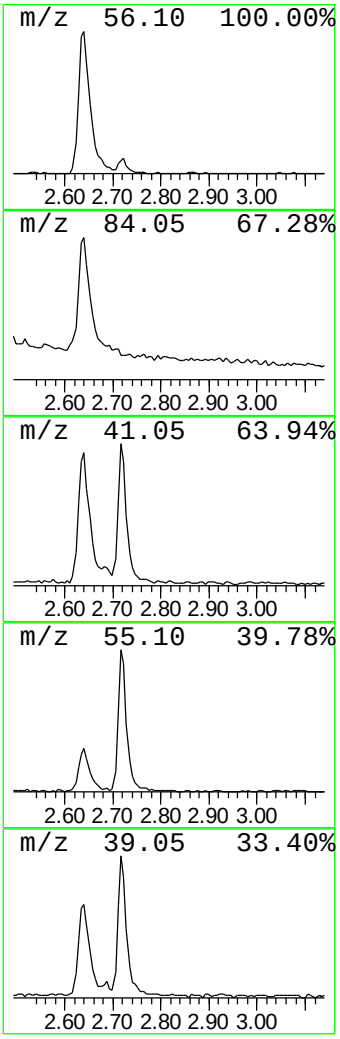
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic2.64 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.64	8.90 ng/ul	387006	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	91
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012609.D
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Operator : CG/JU
Sample : L4726-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG3

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

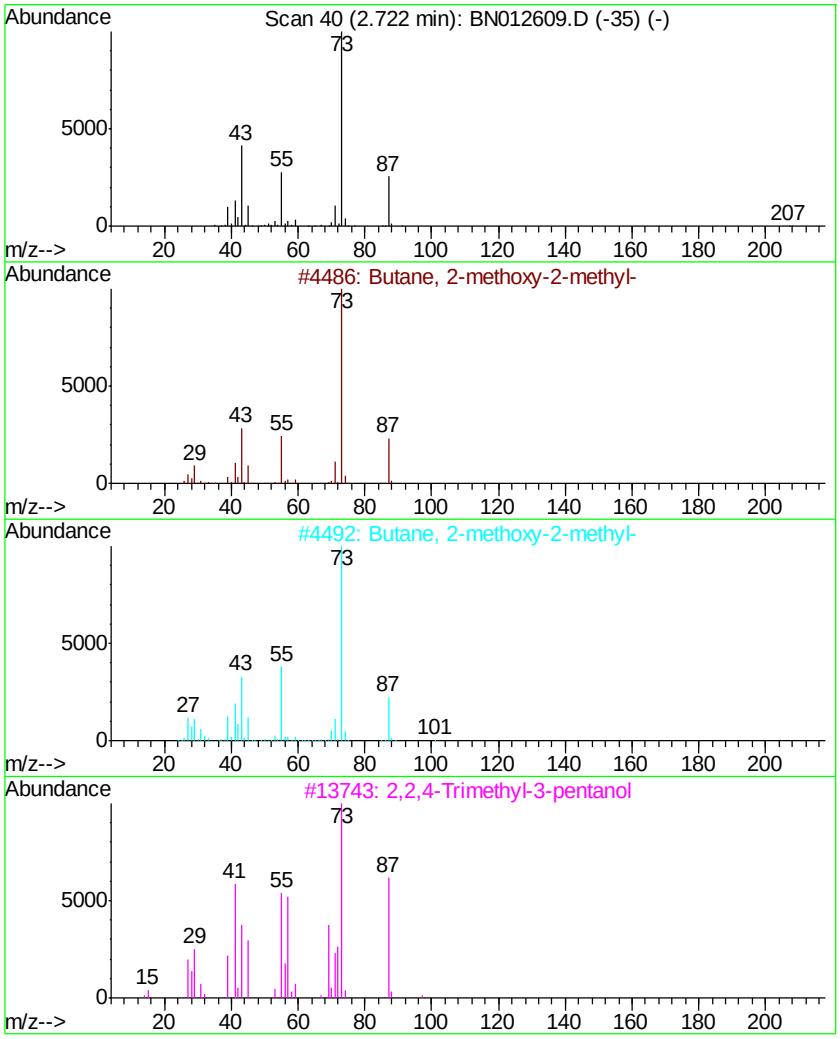
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

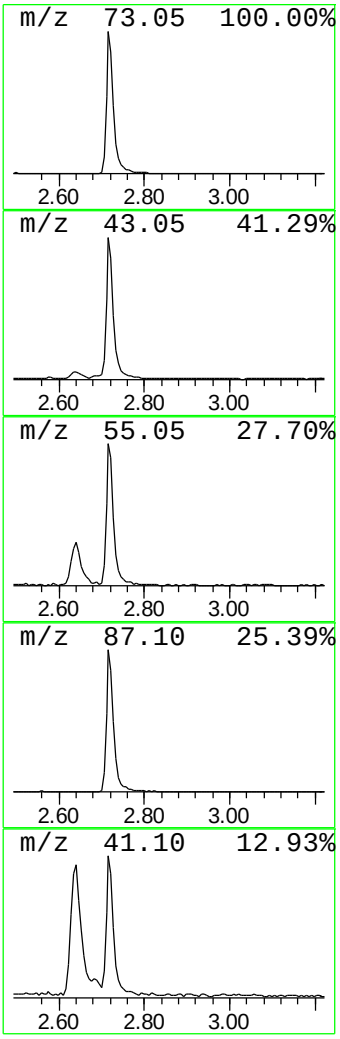
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	20.09 ng/ul	873658	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	64
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012609.D
Acq On : 19 Nov 2020 00:19
Operator : CG/JU
Sample : L4726-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG3

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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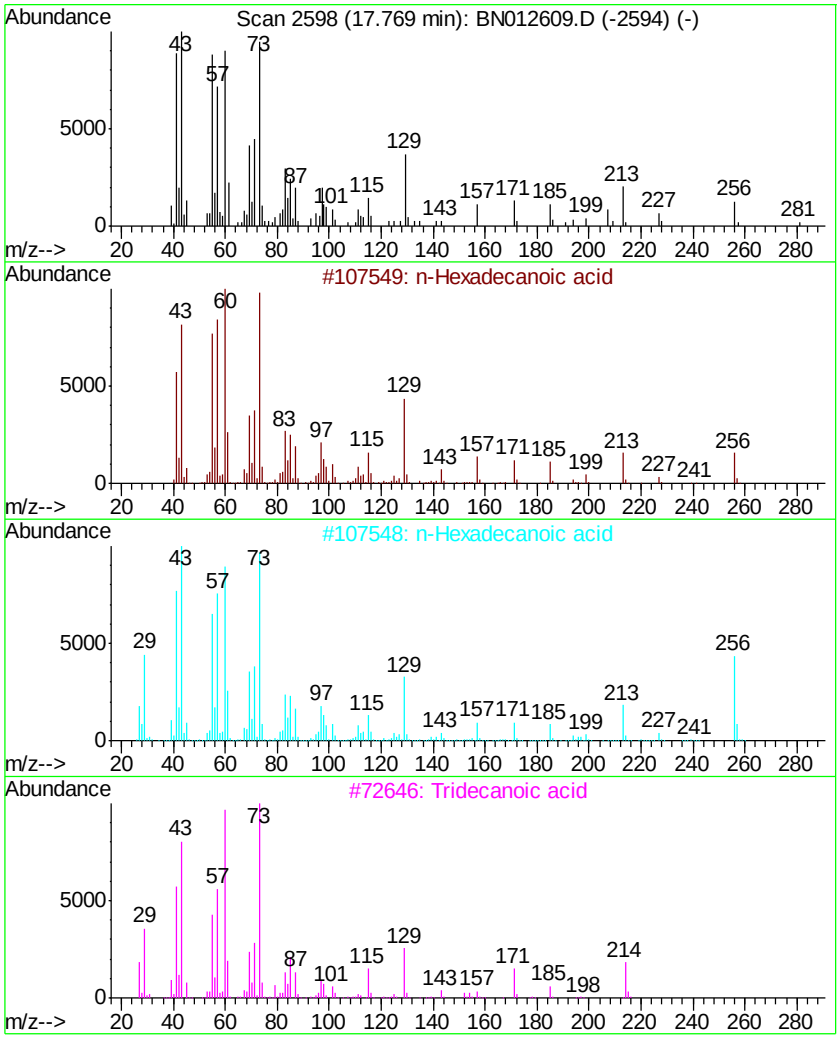
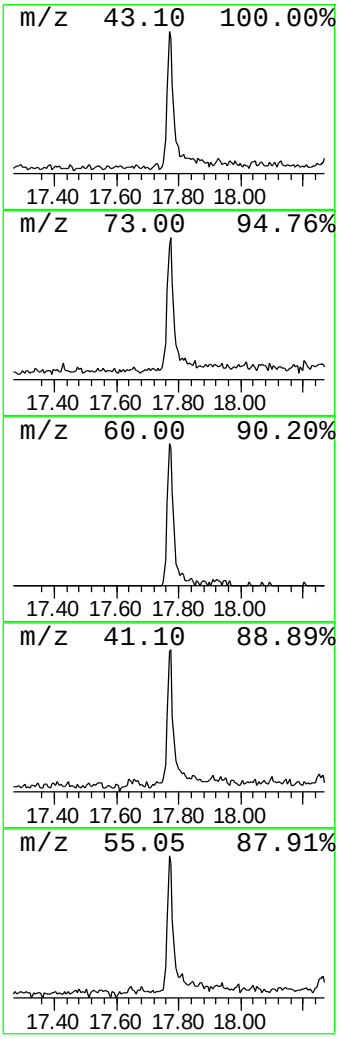
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	2.87 ng/ul	269985	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





Library Search Compound Report

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Sample : L4726-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG3

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

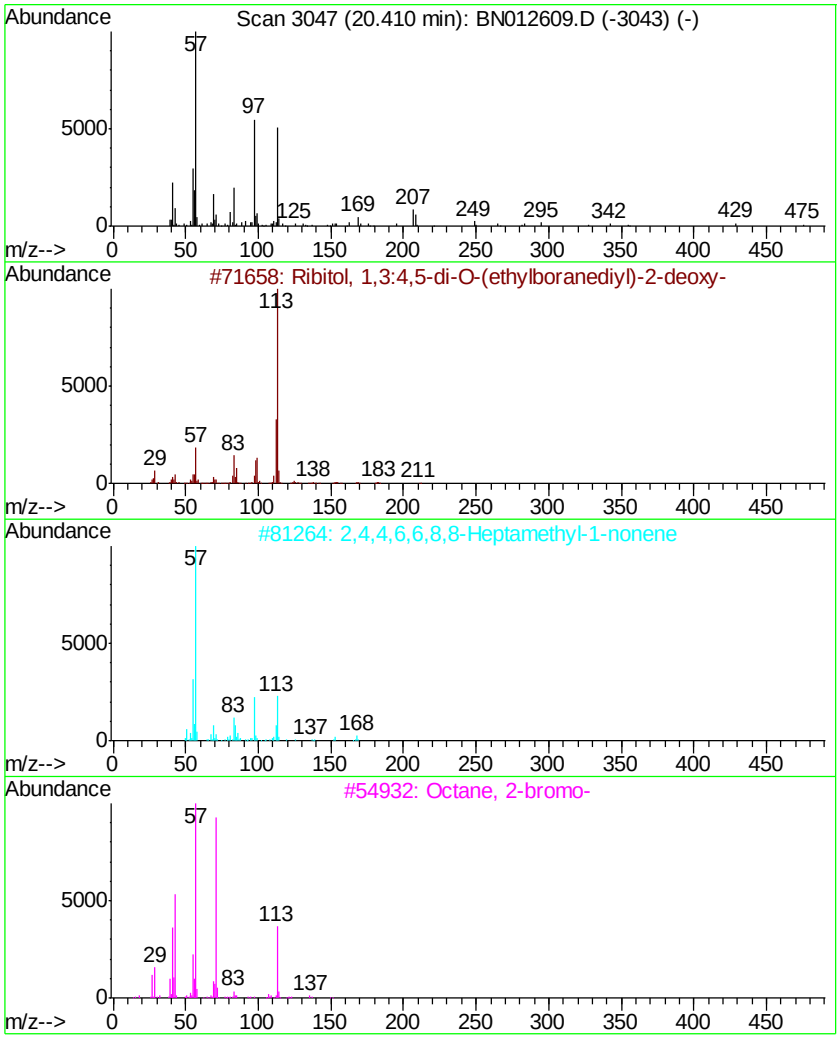
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

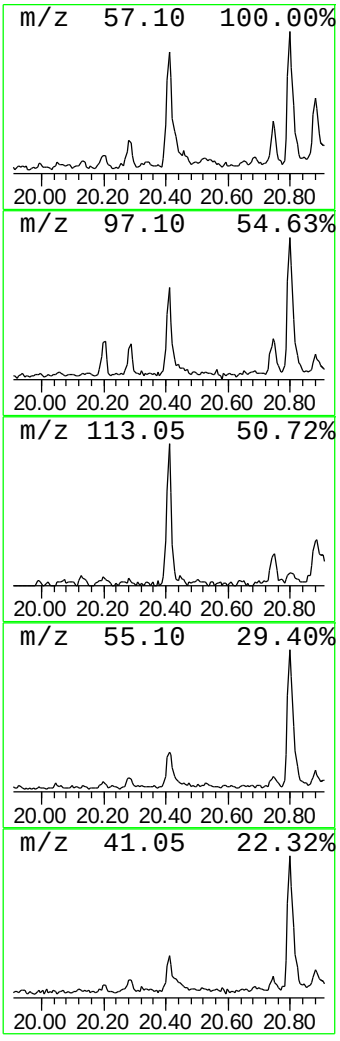
****

Peak Number 5 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	2.15 ng/ul	250142	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ribitol, 1,3:4,5-di-O-(ethylbora...	212	C9H18B2O4	1000149-52-8	47
2	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	38
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	35
4	4-Methyl-2,3-hexadien-1-ol	112	C7H12O	1000196-09-6	30
5	3-Methyl-tetradecanoic acid, pyr...	295	C19H37NO	1000336-16-6	27





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ClientSampleId : DBGG3

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Quant Title : SVOA CALIBRATION

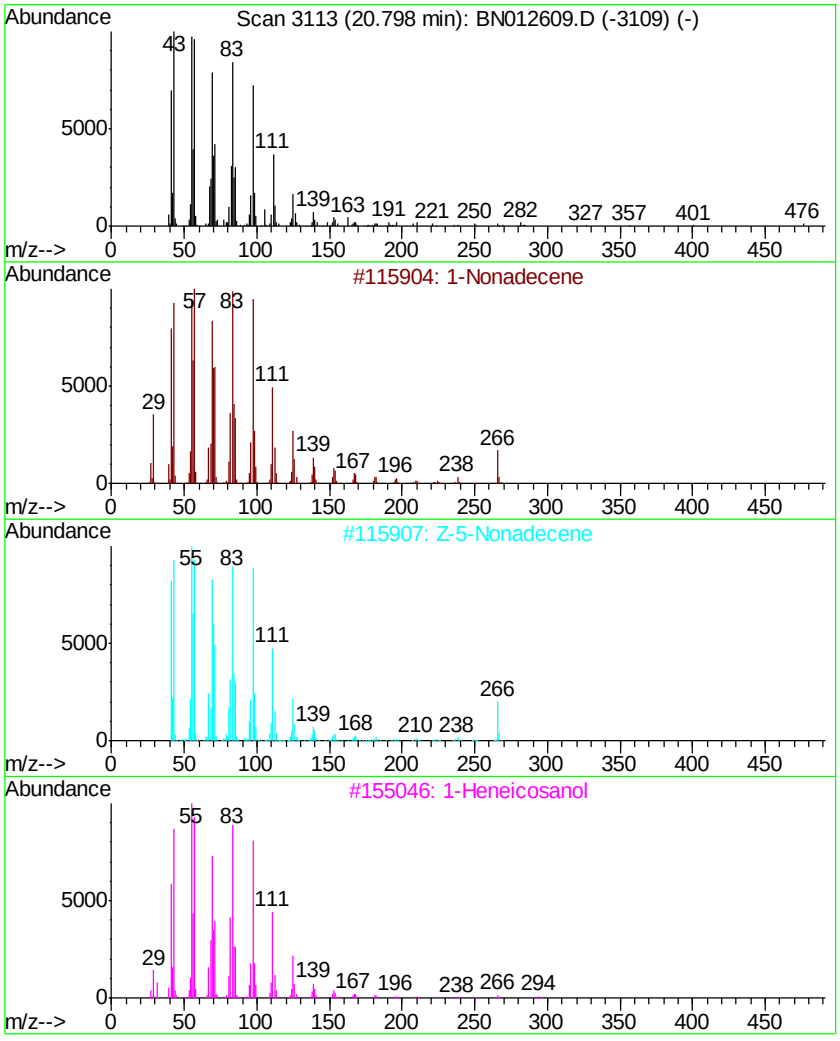
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

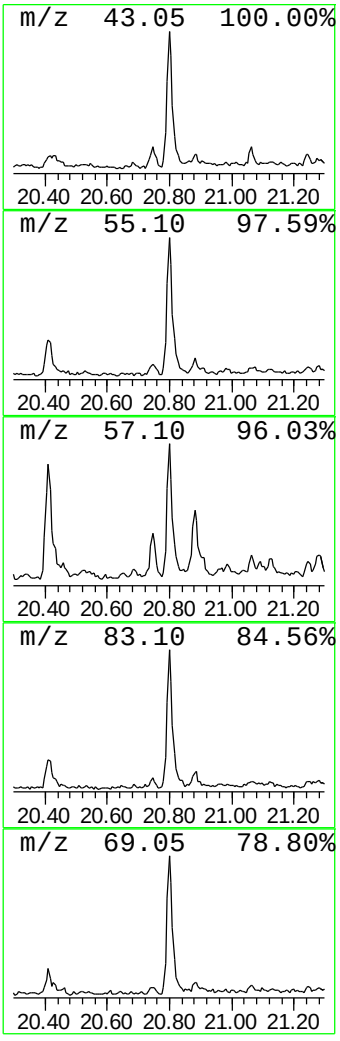
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	5.18 ng/ul	603505	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	96
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	Behenic alcohol	326	C22H46O	000661-19-8	95
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG3

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

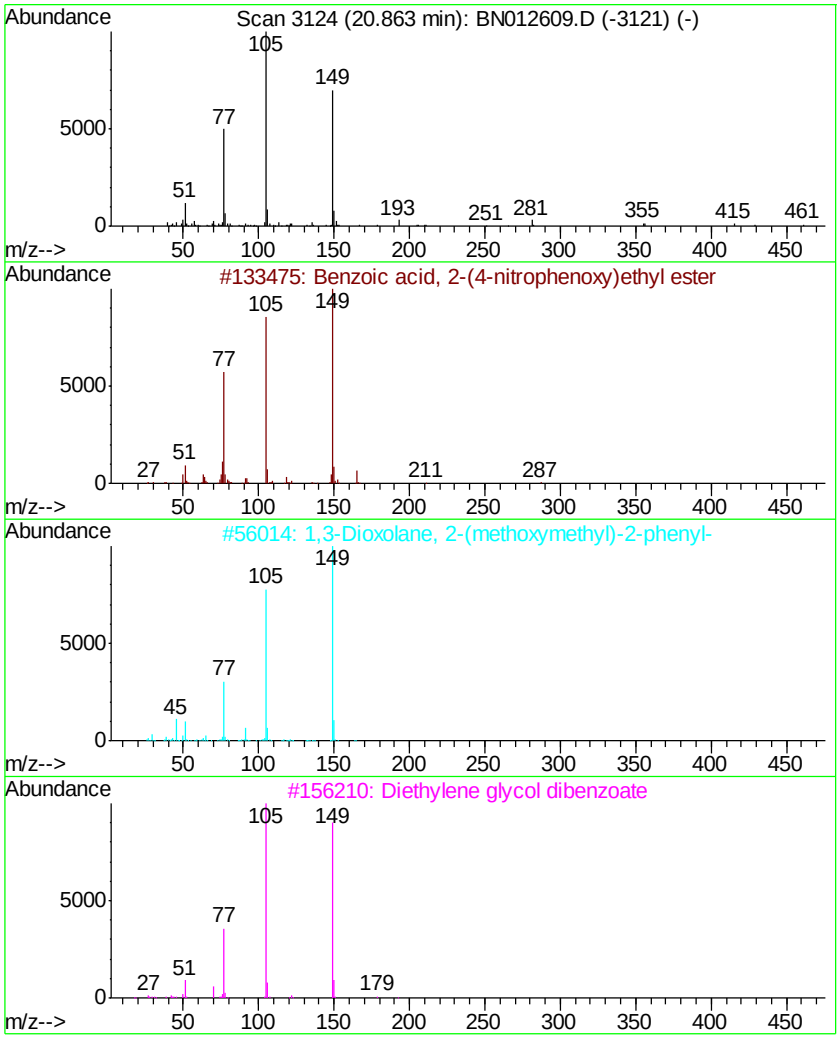
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

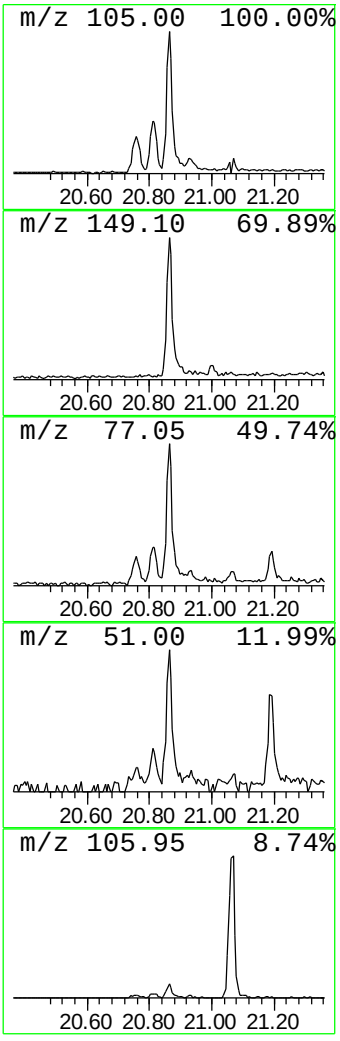
****

Peak Number 7 Benzoic acid, 2-(4-nitrophe... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.61 ng/ul	304273	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	72
2	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	72
3	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	72
4	2-Bromomethyl-2-phenyl[1,3]dioxo...	242	C10H11BrO2	003418-21-1	47
5	1-Propanone, 3-hydroxy-1-phenyl-	150	C9H10O2	005650-41-9	43





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Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012609.D
Acq On : 19 Nov 2020 00:19
Operator : CG/JU
Sample : L4726-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG3

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

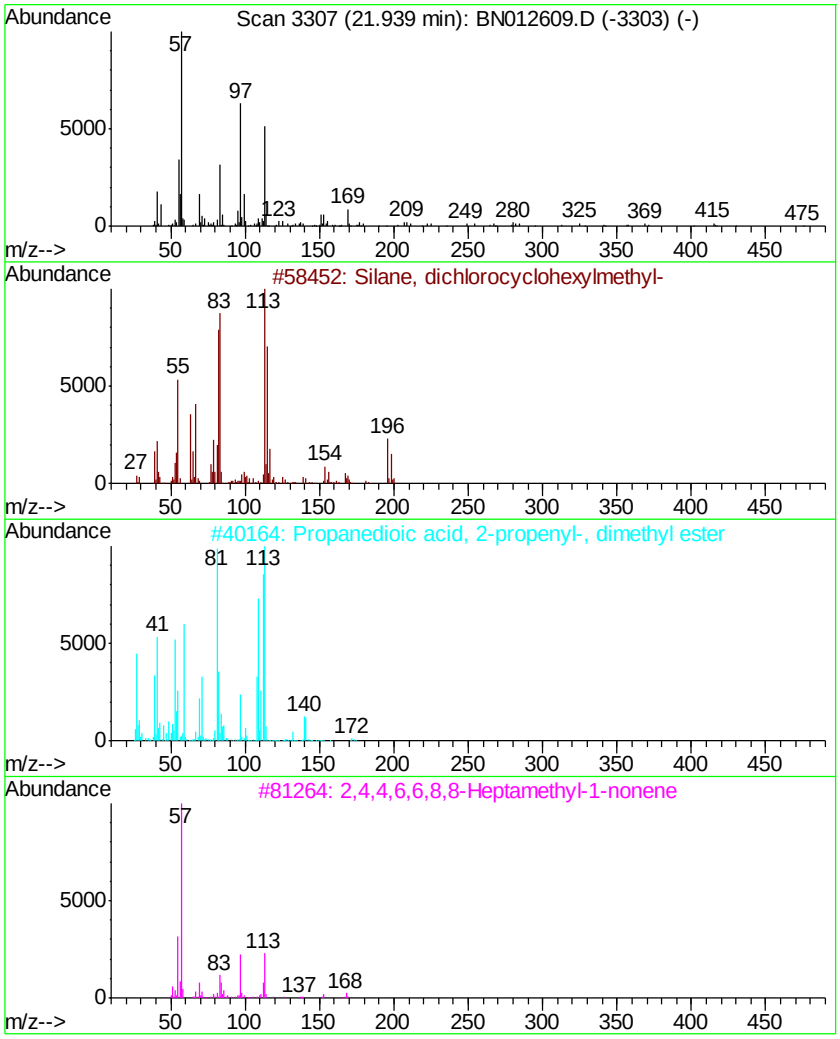
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

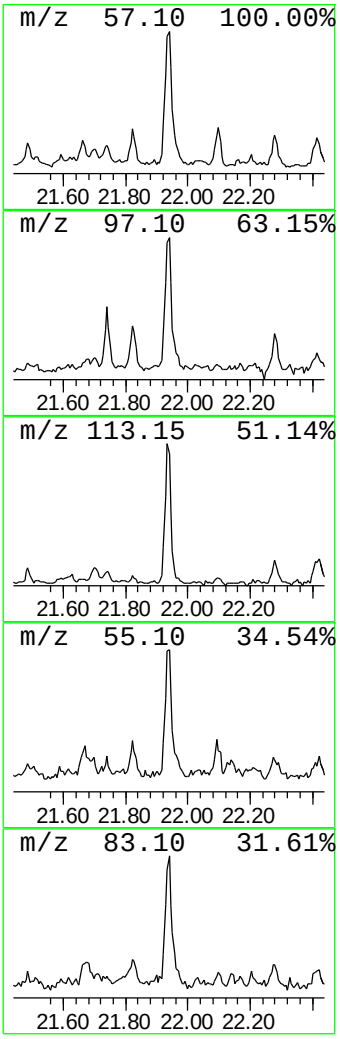
****

Peak Number 8 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	3.00 ng/ul	349793	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichlorocyclohexylmethyl-	196	C7H14Cl2Si	005578-42-7	38
2	Propanedioic acid, 2-propenyl-, ...	172	C8H12O4	040637-56-7	35
3	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	32
4	Piperazine-2,5-dione, 1,4-dimeth...	282	C12H18N4O4	126266-54-4	22
5	Bicyclo[3.2.1]oct-2-ene, 3-chloro-	142	C8H11Cl	035242-17-2	20





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111820\
Data File : BN012609.D
Acq On : 19 Nov 2020 00:19
Operator : CG/JU
Sample : L4726-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGG3

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	8.9	ng/ul	387006	1	7.45	869694	20.0
Butane, 2-methoxy...	2.72	20.1	ng/ul	873658	1	7.45	869694	20.0
n-Hexadecanoic acid	17.77	2.9	ng/ul	269985	4	16.86	1881600	20.0
unknown-01	20.41	2.1	ng/ul	250142	5	21.06	2331690	20.0
(DEL) Alkane: Str...	20.80	5.2	ng/ul	603505	5	21.06	2331690	20.0
Benzoic acid, 2-(...	20.86	2.6	ng/ul	304273	5	21.06	2331690	20.0
unknown-02	21.94	3.0	ng/ul	349793	5	21.06	2331690	20.0