LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012621.D
Acq On : 19 Nov 2020 08:09
Operator : CG/JU
Sample : L4726-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF8

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	2.634	21	25	36	rBV	226013	405556	6.58%	0.780%
2	2.717	36	39	50	rVB	803313	1028873	16.69%	1.978%
3	2.981	80	84	94	rVB	56098	83092	1.35%	0.160%
4	3.693	202	205	209	rVB3	9286	12774	0.21%	0.025%
5	6.628	698	704	716	rBV	157912	278903	4.52%	0.536%
6	6.793	726	732	743	rBV	550074	885823	14.37%	1.703%
7	6.981	757	764	774	rBV	688355	1085802	17.62%	2.087%
8	7.446	836	843	852	rBV	566248	923277	14.98%	1.775%
9	7.516	853	855	860	rVB5	11060	14519	0.24%	0.028%
10	7.787	898	901	905	rVB5	9190	12940	0.21%	0.025%
11	8.157	958	964	979	rVV	450421	742629	12.05%	1.428%
12	8.593	1032	1038	1051	rVV	772623	1265475	20.53%	2.433%
13	9.022	1105	1111	1113	rBV3	7342	10312	0.17%	0.020%
14	9.310	1152	1160	1169	rBV	688178	1130145	18.34%	2.172%
15	9.840	1243	1250	1262	rBV	890357	1484930	24.09%	2.854%
16	10.081	1285	1291	1298	rVB3	25141	41302	0.67%	0.079%
17	10.210	1304	1313	1321	rBV	752386	1237063	20.07%	2.378%
18	10.363	1333	1339	1348	rBV2	53325	108624	1.76%	0.209%
19	10.593	1374	1378	1383	rBV4	8305	12665	0.21%	0.024%
20	11.498	1527	1532	1535	rBV3	4090	7124	0.12%	0.014%
21	11.816	1581	1586	1593	rVB3	14649	24660	0.40%	0.047%
22	12.269	1658	1663	1668	rBV4	29631	43615	0.71%	0.084%
23	12.810	1751	1755	1763	rVB5	9538	12095	0.20%	0.023%
24	12.887	1763	1768	1770	rBV3	10987	16597	0.27%	0.032%
25	12.928	1770	1775	1783	rVV	130033	212906	3.45%	0.409%
26	13.004	1783	1788	1794	rVB5	10876	19163	0.31%	0.037%
27	13.522	1869	1876	1881	rBV	1885311	2541042	41.23%	4.885%
28	13.569	1881	1884	1892	rVV	160735	228241	3.70%	0.439%
29	13.645	1896	1897	1906	rVB6	5303	8776	0.14%	0.017%
30	13.792	1914	1922	1932	rBV	1944976	2893348	46.94%	5.562%
31	14.022	1957	1961	1965	rVB4	6493	10988	0.18%	0.021%
32	14.104	1968	1975	1982	rVV	1132553	1677515	27.22%	3.225%
33	14.151	1982	1983	1988	rVB5	5571	7530	0.12%	0.014%
34	14.239	1993	1998	2004	rVB2	10759	17604	0.29%	0.034%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4726-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF8

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	2004	2012	2024	rBV	118959	238318	3.87%	0.458%
36	14.422	2026	2029	2038	rVB6	24036	45693	0.74%	0.088%
37	14.504	2038	2043	2054	rBV	221315	322882	5.24%	0.621%
38	14.651	2063	2068	2073	rBV4	36057	48350	0.78%	0.093%
39	14.734	2076	2082	2089	rBV7	6288	13353	0.22%	0.026%
40	14.922	2110	2114	2119	rBV4	7072	10375	0.17%	0.020%
41	14.981	2121	2124	2129	rVB6	8692	14120	0.23%	0.027%
42	15.104	2138	2145	2151	rBV	2621964	3711065	60.21%	7.134%
43	15.157	2151	2154	2160	rVV	115045	160079	2.60%	0.308%
44	15.233	2161	2167	2179	rVV	1205689	1661905	26.96%	3.195%
45	15.316	2179	2181	2182	rVV2	11870	11193	0.18%	0.022%
46	15.339	2182	2185	2192	rVB	31754	51067	0.83%	0.098%
47	15.451	2202	2204	2207	rBV3	12960	13018	0.21%	0.025%
48	15.604	2224	2230	2236	rBV6	11942	16419	0.27%	0.032%
49	15.792	2256	2262	2267	rVV6	8205	16232	0.26%	0.031%
50	15.845	2267	2271	2274	rVV6	5652	9865	0.16%	0.019%
51	15.892	2276	2279	2285	rVB8	13241	20041	0.33%	0.039%
52	16.016	2296	2300	2304	rBV5	8044	11794	0.19%	0.023%
53	16.057	2304	2307	2310	rVV3	5644	9074	0.15%	0.017%
54	16.098	2310	2314	2319	rVV2	30754	43632	0.71%	0.084%
55	16.145	2319	2322	2324	rVB3	9946	11523	0.19%	0.022%
56	16.257	2336	2341	2346	rBV4	13460	21184	0.34%	0.041%
57	16.510	2378	2384	2389	rBV	86085	127659	2.07%	0.245%
58	16.639	2403	2406	2410	rBV3	8268	9721	0.16%	0.019%
59	16.675	2410	2412	2419	rVB5	9780	13989	0.23%	0.027%
60	16.851	2436	2442	2453	rBV	1355008	1984149	32.19%	3.814%
61	16.957	2453	2460	2472	rBV	3214477	4570080	74.15%	8.785%
62	17.110	2483	2486	2491	rVB7	11203	17297	0.28%	0.033%
63	17.169	2491	2496	2498	rBV4	5368	9850	0.16%	0.019%
64	17.233	2503	2507	2509	rBV5	6634	10185	0.17%	0.020%
65	17.269	2509	2513	2520	rVB3	13535	24036	0.39%	0.046%
66	17.404	2533	2536	2540	rVB5	3925	7122	0.12%	0.014%
67	17.480	2542	2549	2553	rBV7	7571	17683	0.29%	0.034%
68	17.651	2573	2578	2582	rVB6	7630	13365	0.22%	0.026%
69	17.775	2593	2599	2606	rVV	249891	353660	5.74%	0.680%
70	17.845	2607	2611	2615	rVB6	9503	17768	0.29%	0.034%
71	17.922	2620	2624	2630	rVV6	20103	32374	0.53%	0.062%

LSC Area Percent Report

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Sample : L4726-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF8

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	18.039	2641	2644	2648	rBV5	8276	11738	0.19%	0.023%
73	18.257	2677	2681	2688	rVB2	29702	42190	0.68%	0.081%
74	18.363	2695	2699	2704	rBV5	25231	32651	0.53%	0.063%
75	18.527	2722	2727	2732	rBV	206073	259990	4.22%	0.500%
76	18.580	2732	2736	2737	rVV3	20187	21137	0.34%	0.041%
77	18.622	2739	2743	2749	rVV	43461	56775	0.92%	0.109%
78	18.692	2751	2755	2759	rVB6	11860	18685	0.30%	0.036%
79	18.898	2783	2790	2792	rBV2	37771	57077	0.93%	0.110%
80	18.945	2795	2798	2805	rVB3	44060	63053	1.02%	0.121%
81	19.069	2814	2819	2825	rBV	125836	174787	2.84%	0.336%
82	19.116	2825	2827	2828	rVV2	12906	9909	0.16%	0.019%
83	19.145	2828	2832	2835	rVV2	41851	71042	1.15%	0.137%
84	19.174	2835	2837	2842	rVB3	24774	33527	0.54%	0.064%
85	19.263	2846	2852	2864	rVV	4138568	5535906	89.81%	10.642%
86	19.716	2925	2929	2931	rBV4	15911	20955	0.34%	0.040%
87	19.880	2955	2957	2961	rBV4	21813	28295	0.46%	0.054%
88	20.204	3008	3012	3017	rBV2	37146	53801	0.87%	0.103%
89	20.286	3022	3026	3030	rVV2	112886	132210	2.14%	0.254%
90	20.410	3043	3047	3053	rBV	228120	301407	4.89%	0.579%
91	20.751	3101	3105	3109	rBV2	106094	136308	2.21%	0.262%
92	20.804	3109	3114	3121	rBV	512284	722285	11.72%	1.388%
93	20.863	3122	3124	3126	rBV2	38972	37613	0.61%	0.072%
94	21.068	3154	3159	3168	rBV	1953709	2478754	40.22%	4.765%
95	21.192	3177	3180	3185	rBV	81656	96516	1.57%	0.186%
96	21.939	3303	3307	3310	rBV2	274035	343319	5.57%	0.660%
97	22.574	3412	3415	3419	rVB3	114791	133617	2.17%	0.257%
98	23.057	3490	3497	3503	rBV	3633344	6163684	100.00%	11.848%
99	23.186	3513	3519	3530	rVB	1492345	2574739	41.77%	4.949%
100	23.692	3602	3605	3613	rVB4	146849	252947	4.10%	0.486%

Sum of corrected areas: 52020945

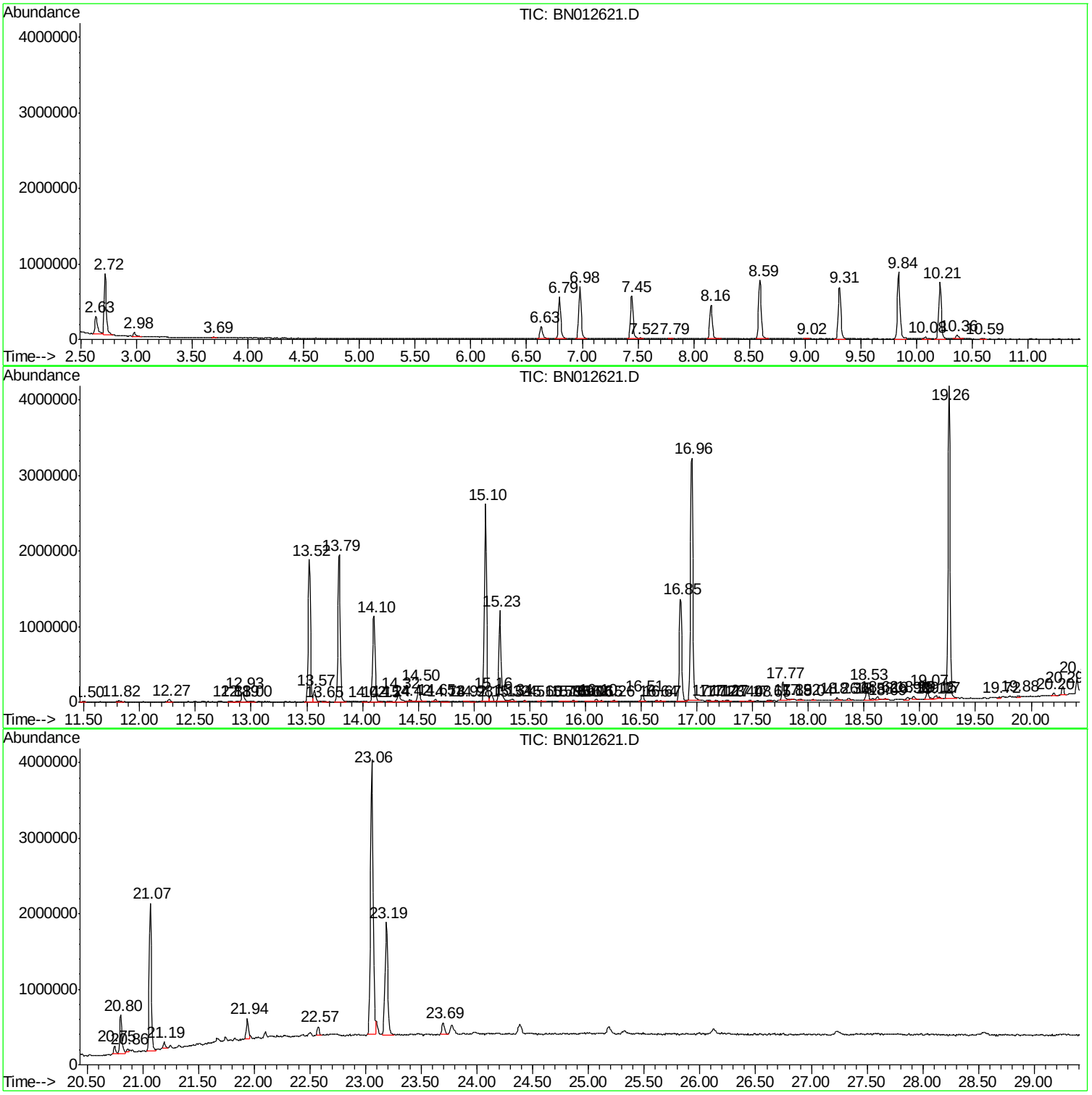
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012621.D
Acq On : 19 Nov 2020 08:09
Operator : CG/JU
Sample : L4726-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF8

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 : BN012621.D
Acq On : 19 Nov 2020 08:09
Operator : CG/JU
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF8

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

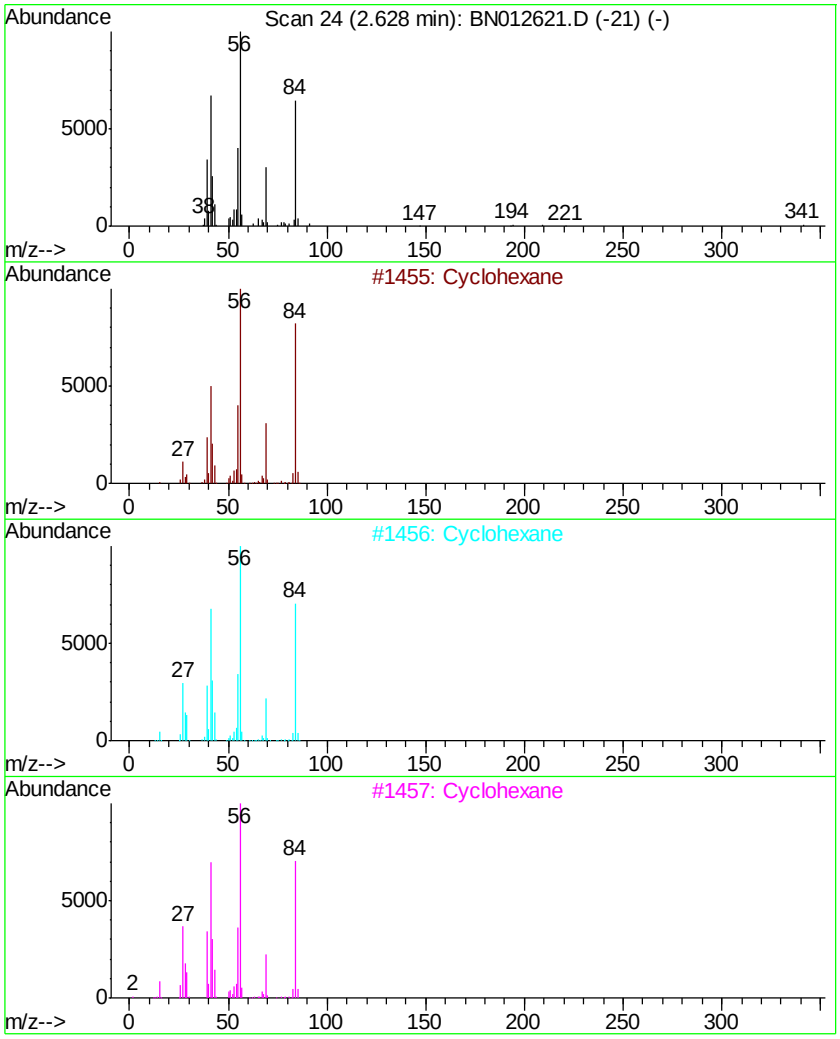
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

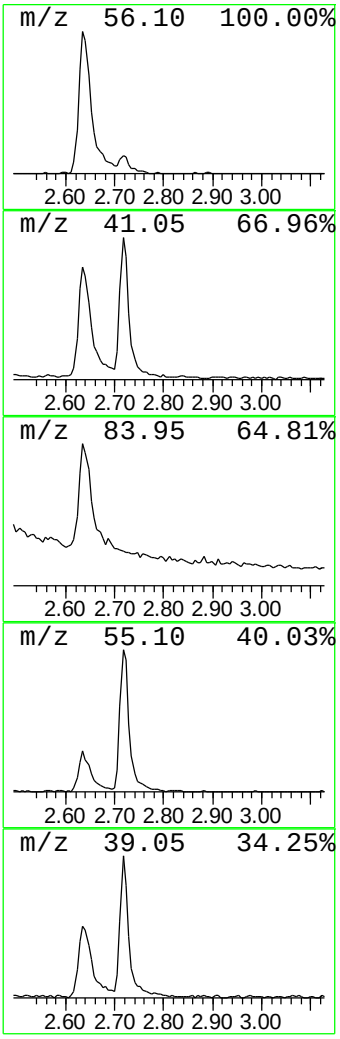
****

Peak Number 1 (DEL) Alkane: Cyclic2.63 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.63	8.79 ng/ul	405556	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	94
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	91
4	Cyclohexane	84	C6H12	000110-82-7	87
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
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Acq On : 19 Nov 2020 08:09
Operator : CG/JU
Sample : L4726-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF8

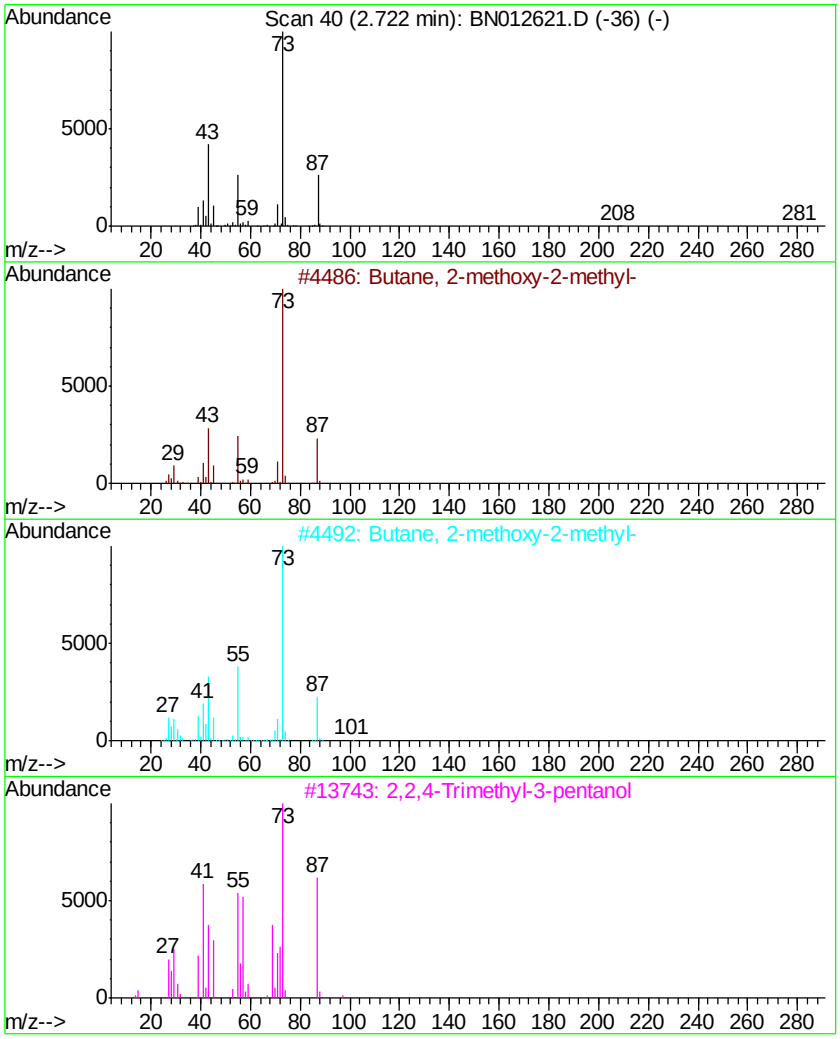
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

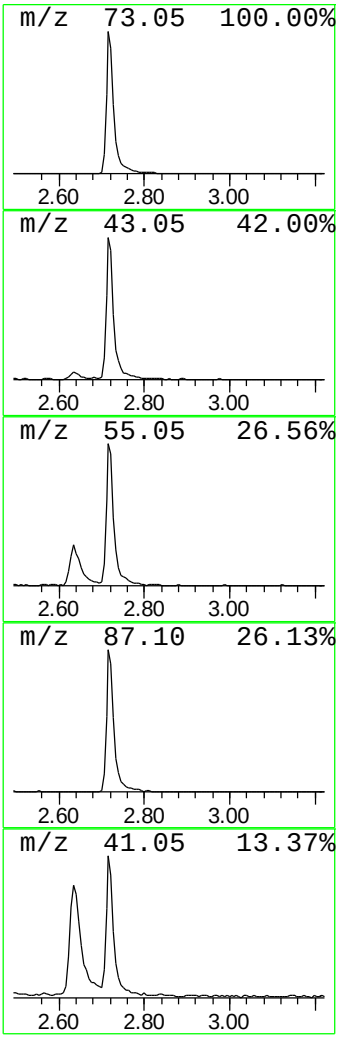
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	22.29 ng/ul	1028870	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	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012621.D
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Misc :
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Instrument : BNA_N
ClientSampleId : DBGF8

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

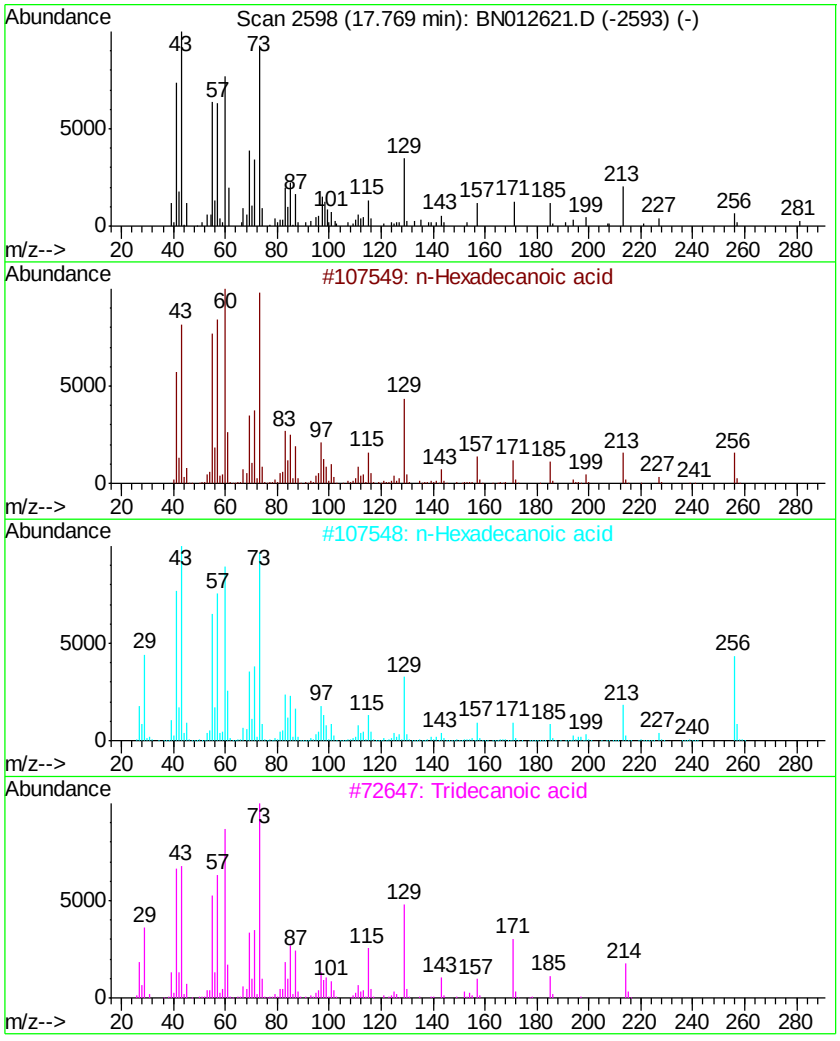
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

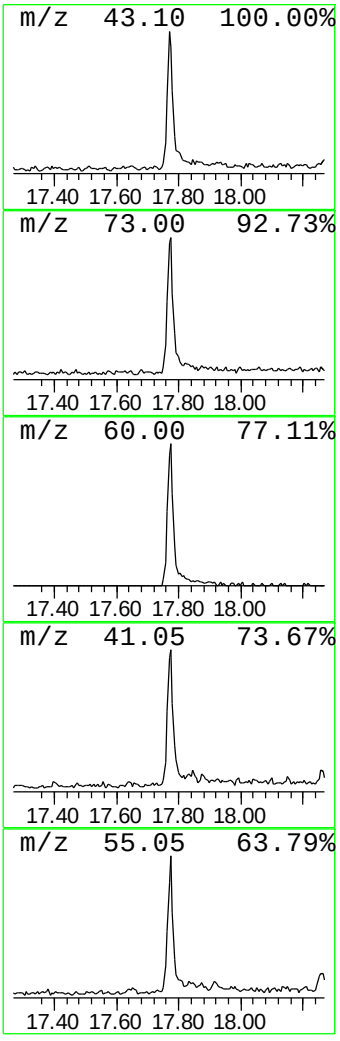
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	3.56 ng/ul	353660	Phenanthrene-d10	16.85

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	99
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
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Sample : L4726-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF8

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

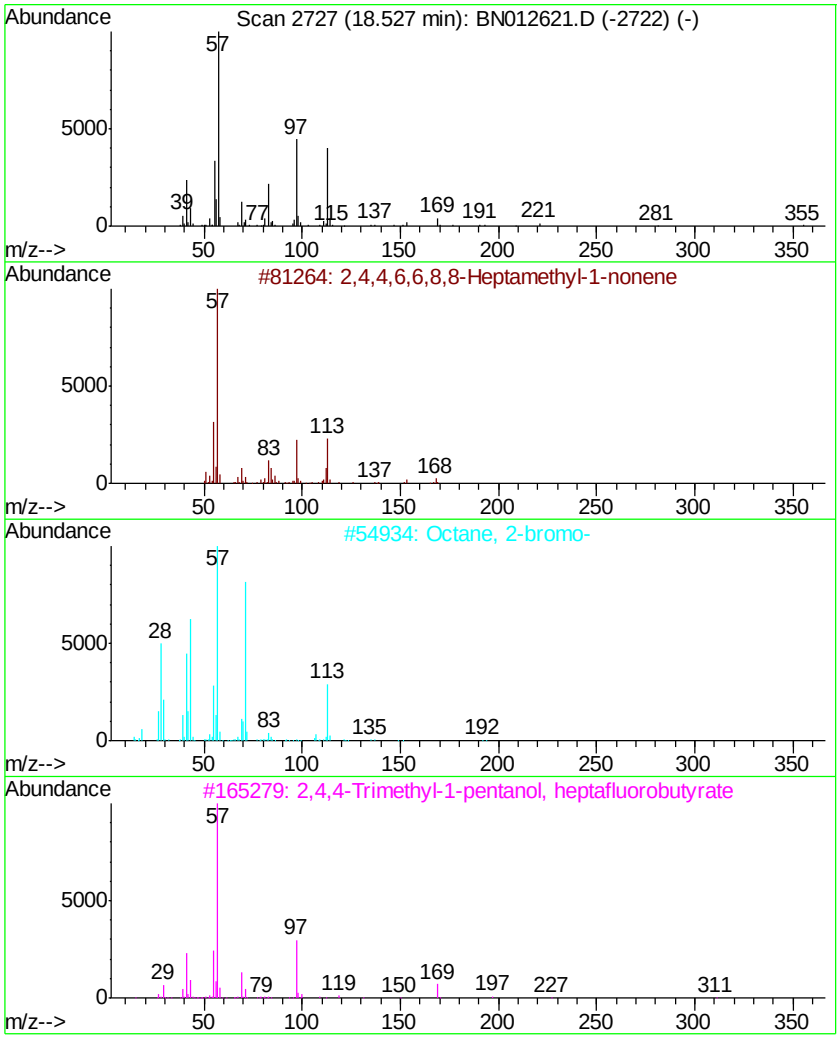
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

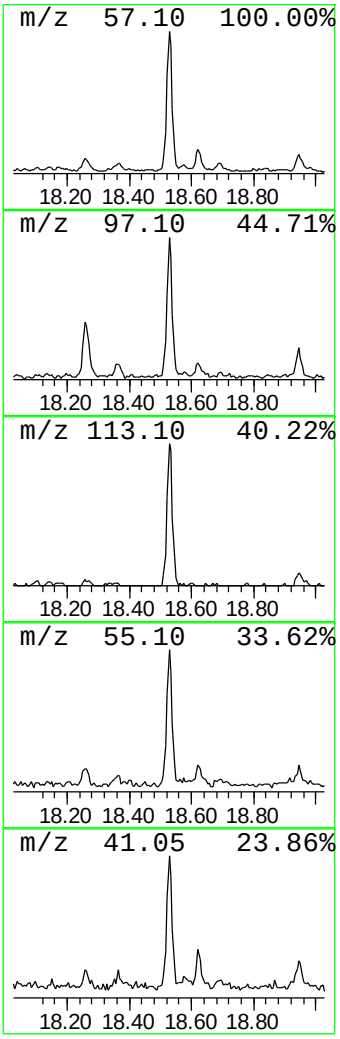
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	2.62 ng/ul	259990	Phenanthrene-d10	16.85

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	37
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	37
3	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	35
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	27
5	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	27





Library Search Compound Report

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Sample : L4726-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF8

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

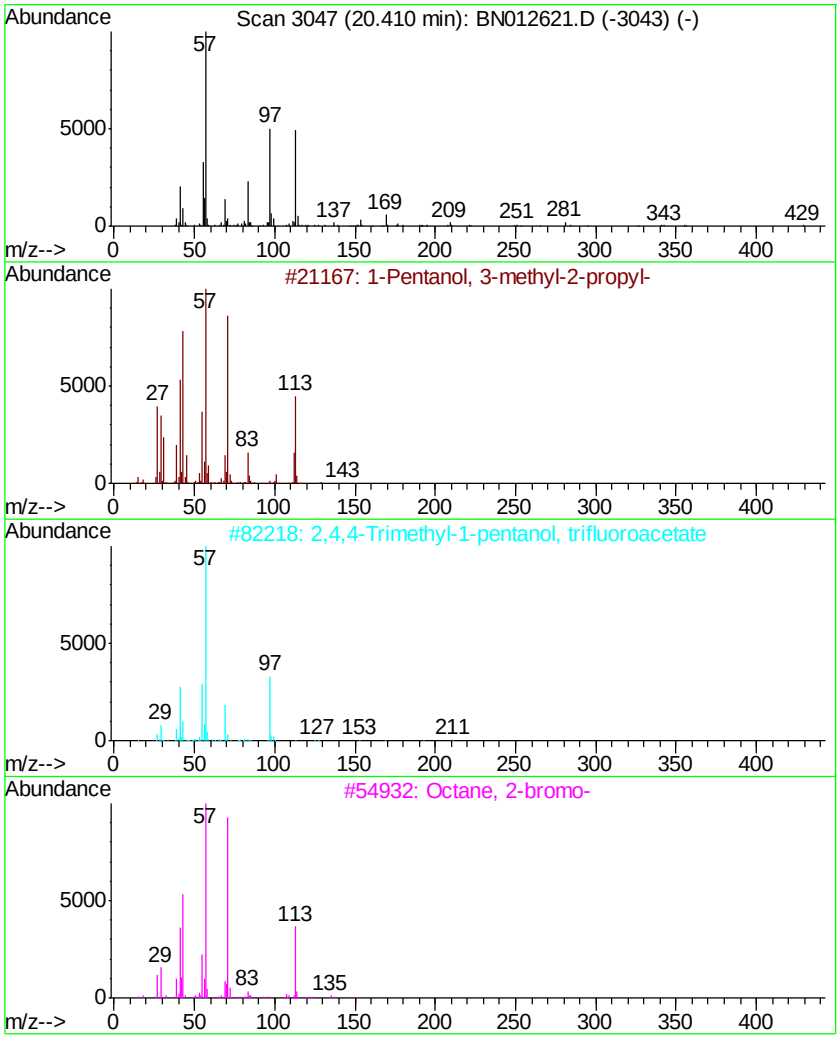
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

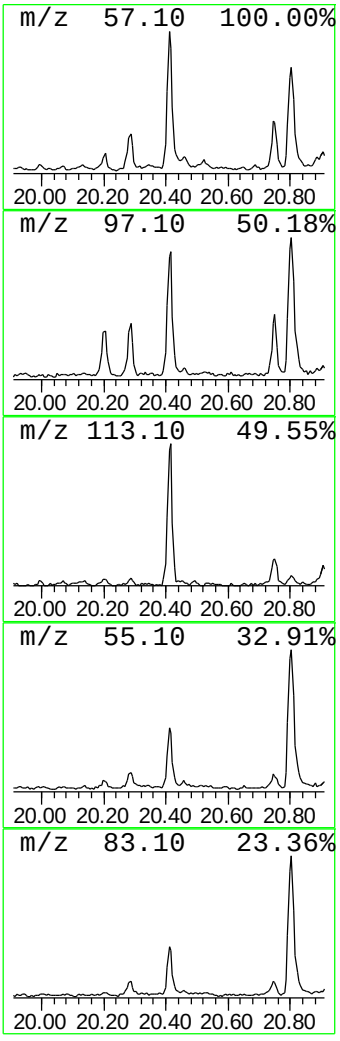
****

Peak Number 5 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	2.43 ng/ul	301407	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	37
2	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	35
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	35
4	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	35
5	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	32





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Data File : BN012621.D
Acq On : 19 Nov 2020 08:09
Operator : CG/JU
Sample : L4726-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF8

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

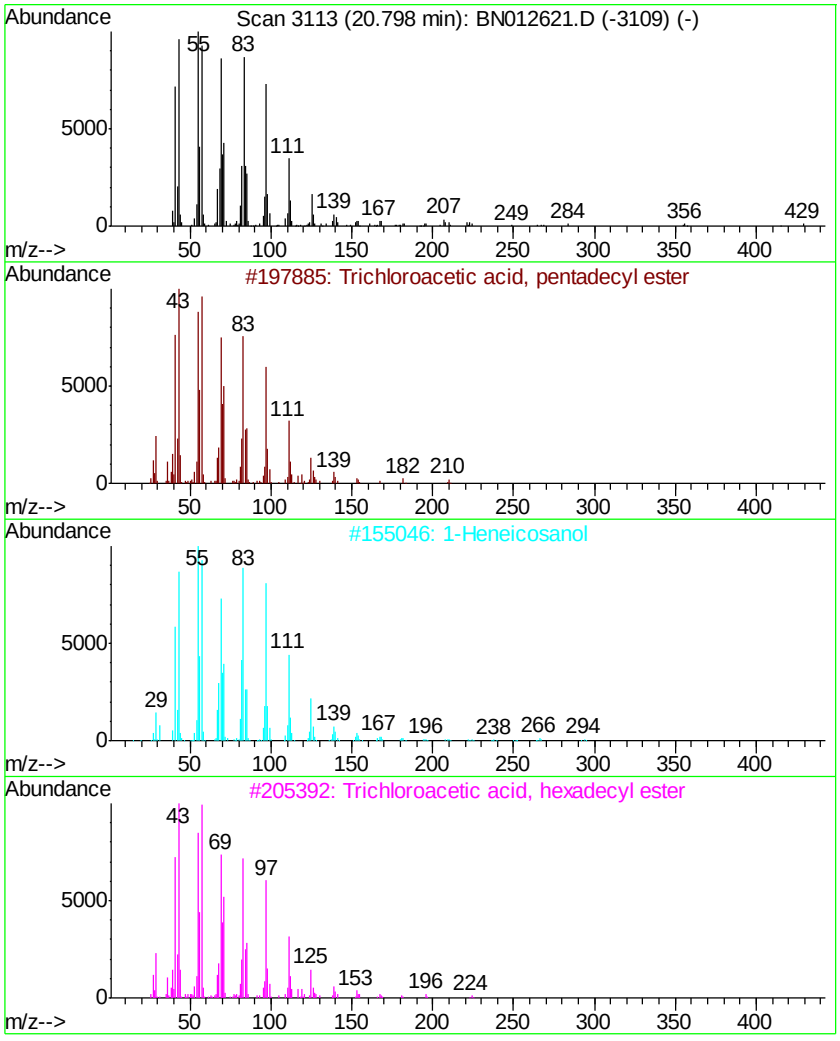
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

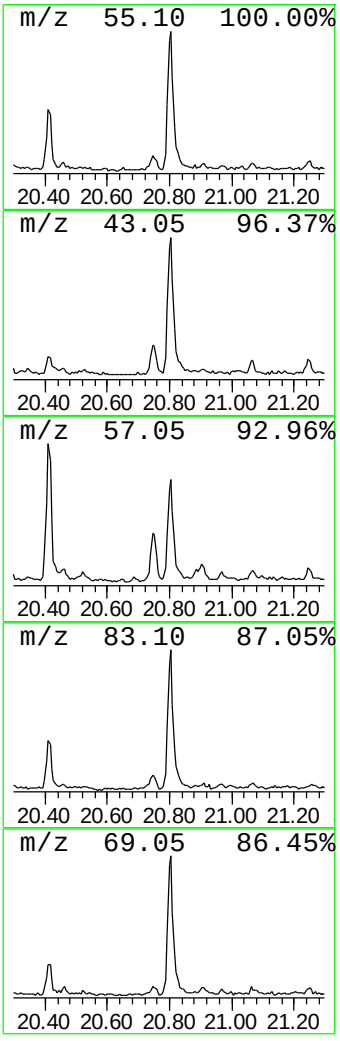
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	5.83 ng/ul	722285	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Behenic alcohol	326	C22H46O	000661-19-8	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012621.D
Acq On : 19 Nov 2020 08:09
Operator : CG/JU
Sample : L4726-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF8

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

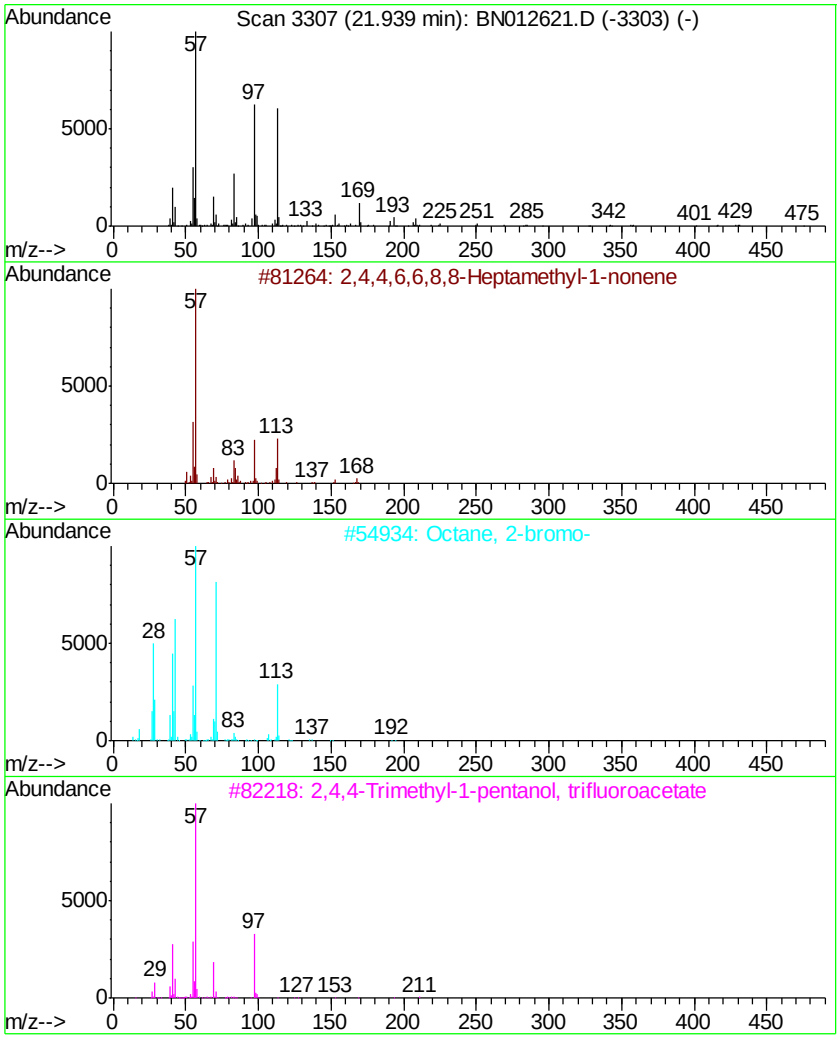
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

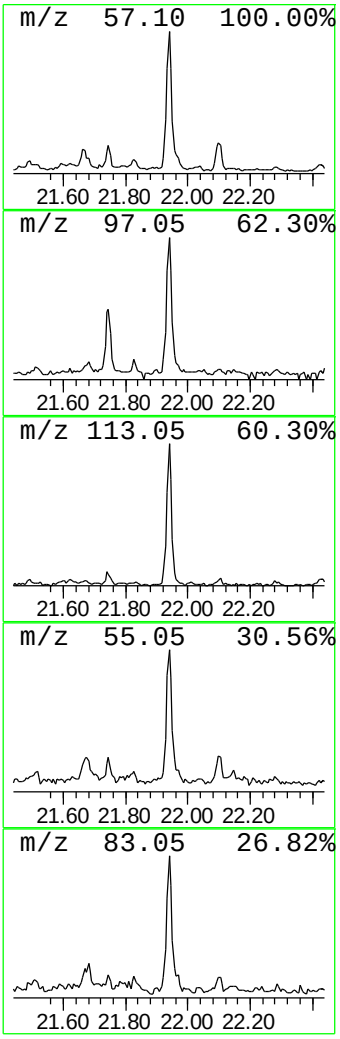
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	2.77 ng/ul	343319	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	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	25
5	Heptane, 4-(bromomethyl)-	192	C8H17Br	101654-29-9	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111820\
Data File : BN012621.D
Acq On : 19 Nov 2020 08:09
Operator : CG/JU
Sample : L4726-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF8

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...	2.63	8.8	ng/ul	405556	1	7.45	923277	20.0
Butane, 2-methoxy...	2.72	22.3	ng/ul	1028870	1	7.45	923277	20.0
n-Hexadecanoic acid	17.77	3.6	ng/ul	353660	4	16.85	1984150	20.0
(DEL) Alkane: Str...	18.53	2.6	ng/ul	259990	4	16.85	1984150	20.0
unknown-01	20.41	2.4	ng/ul	301407	5	21.07	2478750	20.0
Trichloroacetic a...	20.80	5.8	ng/ul	722285	5	21.07	2478750	20.0
(DEL) Alkane: Str...	21.94	2.8	ng/ul	343319	5	21.07	2478750	20.0