LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030321\
Data File : BM028976.D
Acq On : 03 Mar 2021 14:26
Operator : CG/JU
Sample : M1546-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0FZ6

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_M\METHODS\SOM-EPA-BM022721MA.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	3.122	20	23	28	rVB2	2941	3357	0.48%	0.065%
2	5.040	343	349	359	rBB	96720	139159	20.00%	2.675%
3	6.869	656	660	663	rBB	1883	2258	0.32%	0.043%
4	6.951	670	674	684	rBB2	15000	24044	3.46%	0.462%
5	7.104	695	700	708	rBB	51954	79244	11.39%	1.523%
6	7.298	727	733	742	rBB	63866	98411	14.15%	1.892%
7	7.651	789	793	799	rBB	16876	24606	3.54%	0.473%
8	7.763	807	812	815	rBV	52376	82825	11.91%	1.592%
9	7.804	815	819	828	rVB	147929	226453	32.55%	4.353%
10	8.116	865	872	882	rBB	446069	695643	100.00%	13.372%
11	8.498	932	937	947	rBB	42416	64144	9.22%	1.233%
12	8.945	1007	1013	1016	rBV	71496	117973	16.96%	2.268%
13	8.986	1016	1020	1030	rVB	146522	229085	32.93%	4.404%
14	9.304	1070	1074	1079	rBB	2782	3886	0.56%	0.075%
15	9.663	1129	1135	1143	rBB	62099	100597	14.46%	1.934%
16	10.198	1221	1226	1237	rBB	81305	131349	18.88%	2.525%
17	10.433	1259	1266	1273	rBB	166813	265591	38.18%	5.105%
18	10.563	1282	1288	1296	rVB	63061	103762	14.92%	1.995%
19	10.733	1313	1317	1322	rBB	1416	1948	0.28%	0.037%
20	10.951	1348	1354	1360	rBB	81746	129632	18.63%	2.492%
21	11.180	1387	1393	1402	rBB	97444	152128	21.87%	2.924%
22	11.398	1424	1430	1438	rBB	16990	31888	4.58%	0.613%
23	11.792	1494	1497	1500	rBB2	723	870	0.13%	0.017%
24	11.886	1510	1513	1518	rBB	2515	3425	0.49%	0.066%
25	12.169	1558	1561	1563	rBB	652	754	0.11%	0.014%
26	12.580	1626	1631	1633	rBV	3537	5129	0.74%	0.099%
27	12.604	1633	1635	1640	rVB	3731	4641	0.67%	0.089%
28	13.021	1703	1706	1709	rBB	1845	1690	0.24%	0.032%
29	13.221	1735	1740	1747	rBB	35080	49579	7.13%	0.953%
30	13.451	1776	1779	1782	rBB	894	1049	0.15%	0.020%
31	13.480	1782	1784	1789	rBB2	1295	1859	0.27%	0.036%
32	13.845	1840	1846	1852	rBV	153818	200404	28.81%	3.852%
33	13.892	1852	1854	1856	rVV2	2714	2915	0.42%	0.056%
34	13.910	1856	1857	1860	rVB	1870	1262	0.18%	0.024%

LSC Area Percent Report

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Operator : CG/JU
Sample : M1546-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0FZ6

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_M\METHODS\SOM-EPA-BM022721MA.M
Title : SVOA CALIBRATION

35	14.121	1887	1893	1902	rVB	169587	237136	34.09%	4.558%
36	14.427	1940	1945	1951	rBB2	86763	123751	17.79%	2.379%
37	14.680	1984	1988	1995	rBB	6698	11060	1.59%	0.213%
38	15.215	2077	2079	2082	rBB	592	696	0.10%	0.013%
39	15.427	2109	2115	2121	rBB	203160	280208	40.28%	5.386%
40	15.568	2135	2139	2147	rBB	72824	93763	13.48%	1.802%
41	15.662	2152	2155	2158	rBB	1192	1087	0.16%	0.021%
42	16.386	2275	2278	2281	rBB	1173	1208	0.17%	0.023%
43	17.174	2406	2412	2418	rBV	97629	130643	18.78%	2.511%
44	17.274	2423	2429	2438	rBV	206292	290321	41.73%	5.581%
45	17.933	2536	2541	2545	rBV2	1189	1404	0.20%	0.027%
46	18.056	2558	2562	2573	rVB	9309	12339	1.77%	0.237%
47	18.545	2640	2645	2649	rBV	54828	67388	9.69%	1.295%
48	18.803	2681	2689	2693	rBV	21381	25886	3.72%	0.498%
49	18.892	2700	2704	2708	rBV	5061	5748	0.83%	0.110%
50	18.956	2712	2715	2721	rVB2	1582	2171	0.31%	0.042%
51	19.198	2752	2756	2758	rBV	1364	1845	0.27%	0.035%
52	19.339	2773	2780	2783	rBV3	4281	5420	0.78%	0.104%
53	19.439	2792	2797	2803	rBV2	4230	5596	0.80%	0.108%
54	19.503	2805	2808	2812	rVV2	1304	1357	0.20%	0.026%
55	19.562	2812	2818	2823	rVV	239660	311741	44.81%	5.992%
56	19.921	2875	2879	2882	rBV3	624	822	0.12%	0.016%
57	19.974	2884	2888	2892	rVB2	1255	1832	0.26%	0.035%
58	20.450	2967	2969	2972	rVB4	1187	1204	0.17%	0.023%
59	20.656	3001	3004	3006	rBV3	2093	2231	0.32%	0.043%
60	21.044	3066	3070	3076	rBV	20535	26453	3.80%	0.508%
61	21.339	3115	3120	3125	rBV	106132	133392	19.18%	2.564%
62	23.397	3463	3470	3476	rBV	179012	310404	44.62%	5.967%
63	23.533	3487	3493	3499	rVB2	78818	133524	19.19%	2.567%

Sum of corrected areas: 5202190

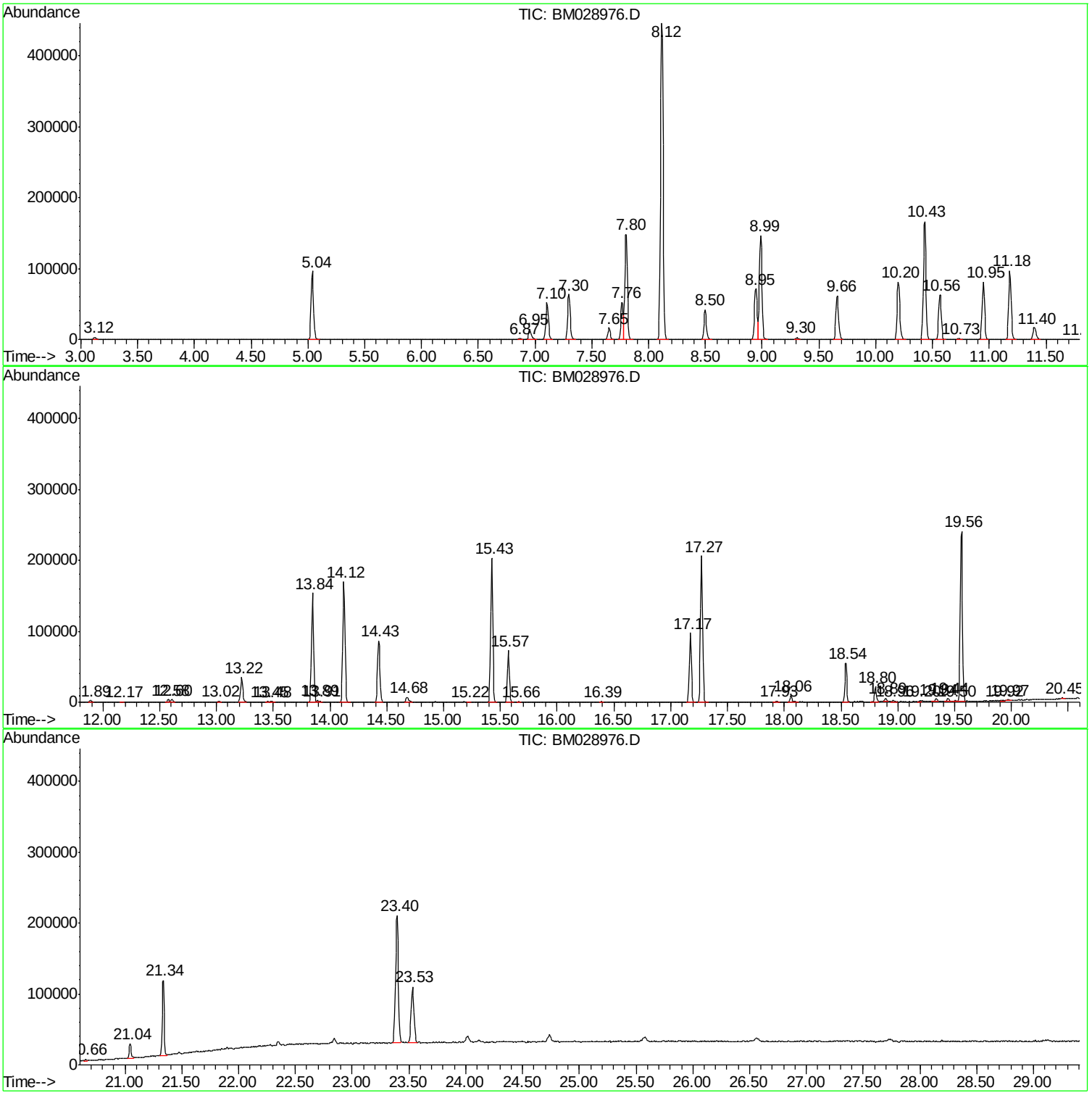
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030321\
Data File : BM028976.D
Acq On : 03 Mar 2021 14:26
Operator : CG/JU
Sample : M1546-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0FZ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.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 M\DATA\BM030321\
Data File : BM028976.D
Acq On : 03 Mar 2021 14:26
Operator : CG/JU
Sample : M1546-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0FZ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION

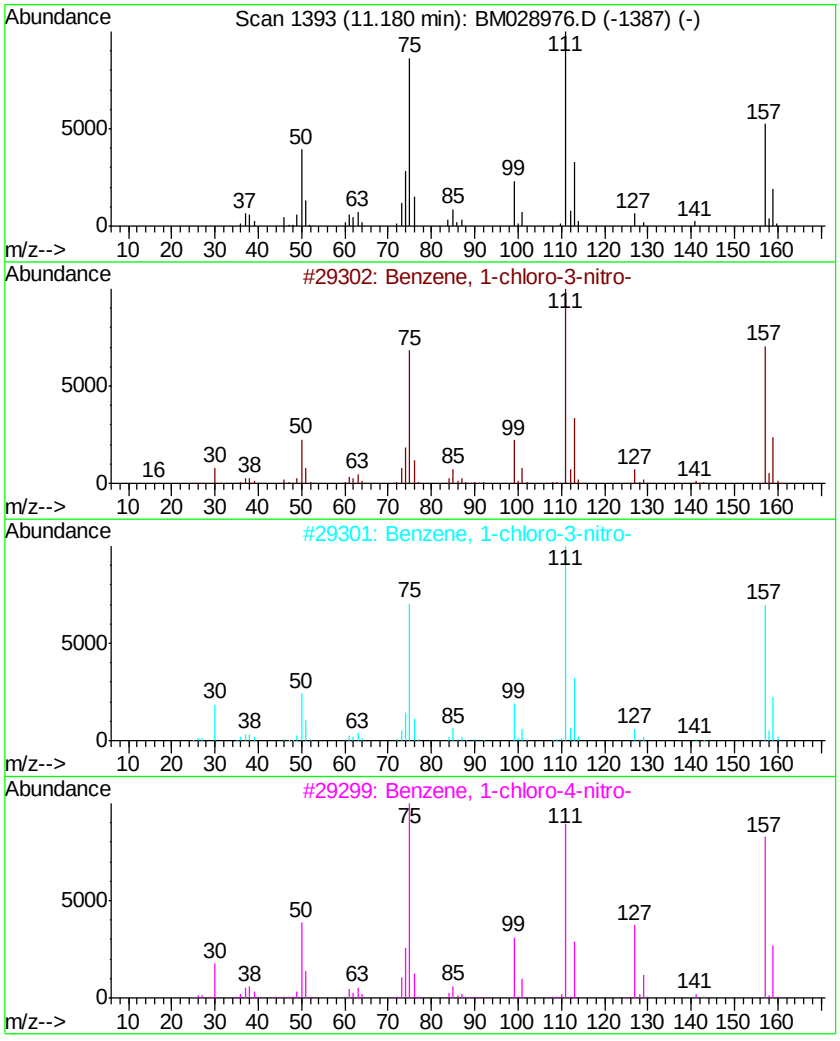
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

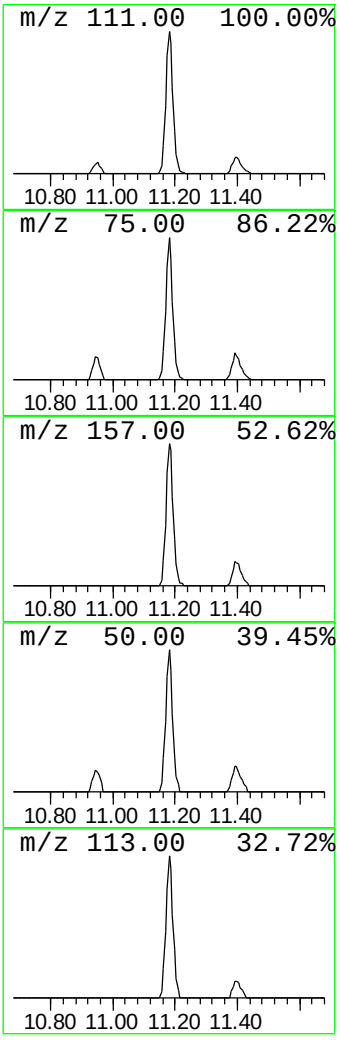
****

Peak Number 6 Benzene, 1-chloro-3-nitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	29.32 ng/ul	152128	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	90
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90
4	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	83
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030321\
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Acq On : 03 Mar 2021 14:26
Operator : CG/JU
Sample : M1546-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0FZ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION

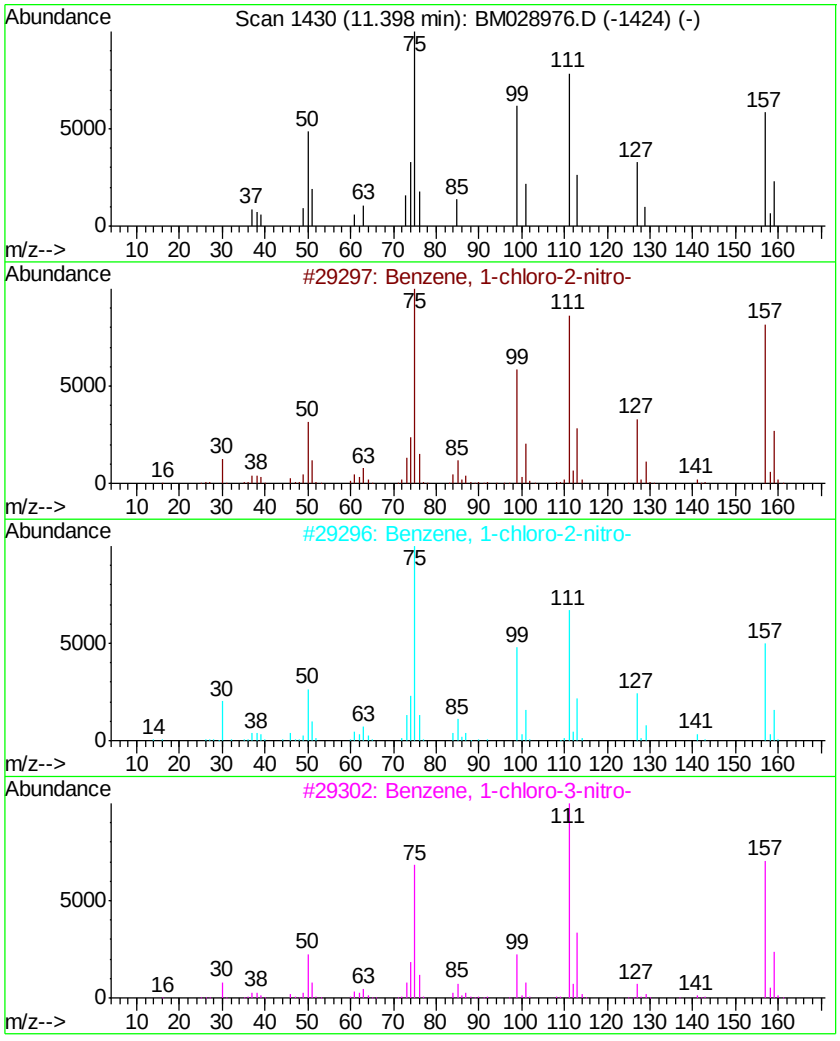
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

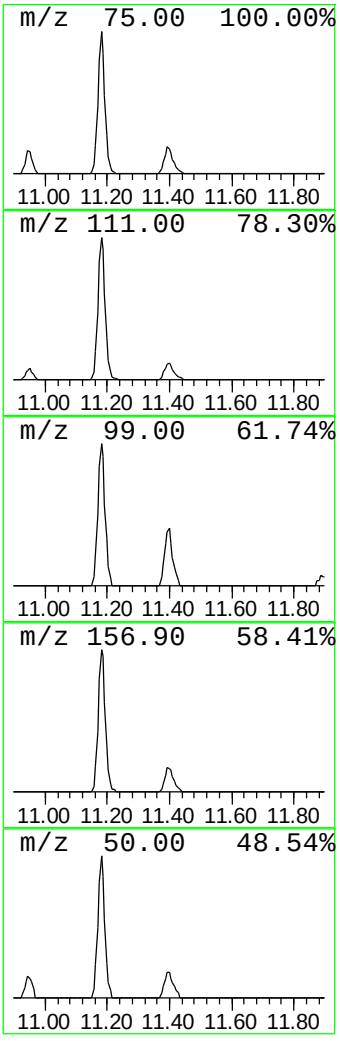
****

Peak Number 7 Benzene, 1-chloro-2-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	6.15 ng/ul	31888	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	87
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	83
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030321\
Data File : BM028976.D
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Sample : M1546-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0FZ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION

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

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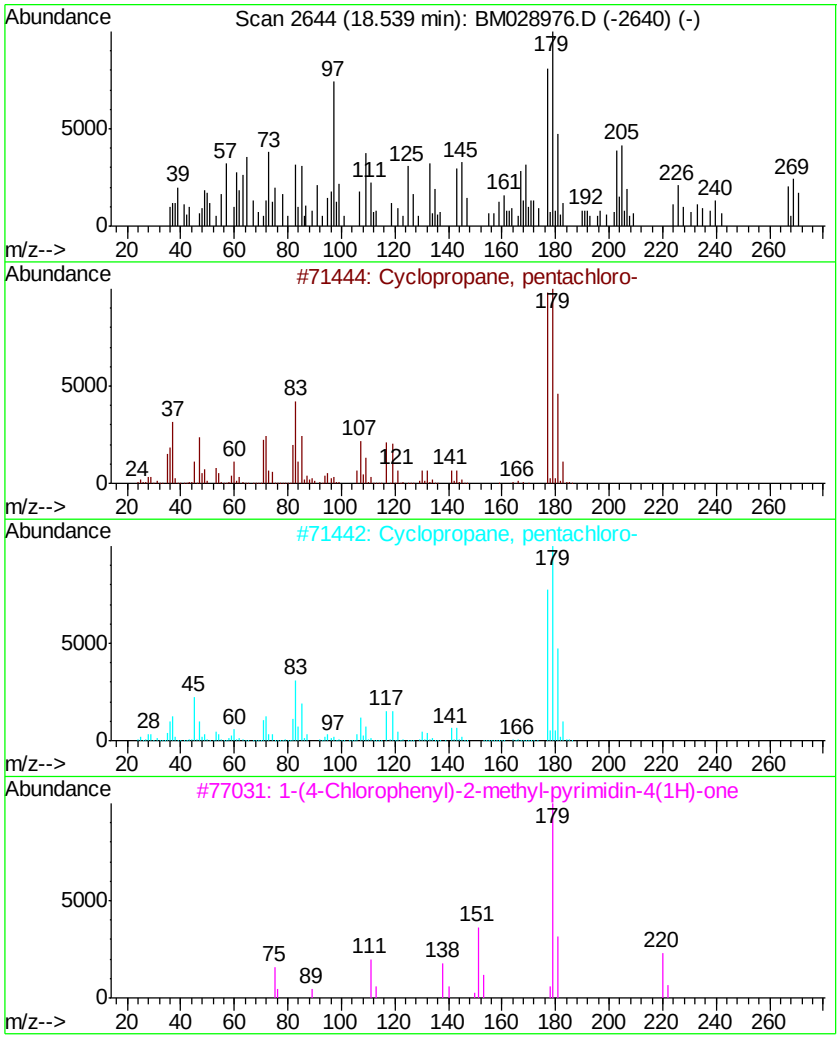
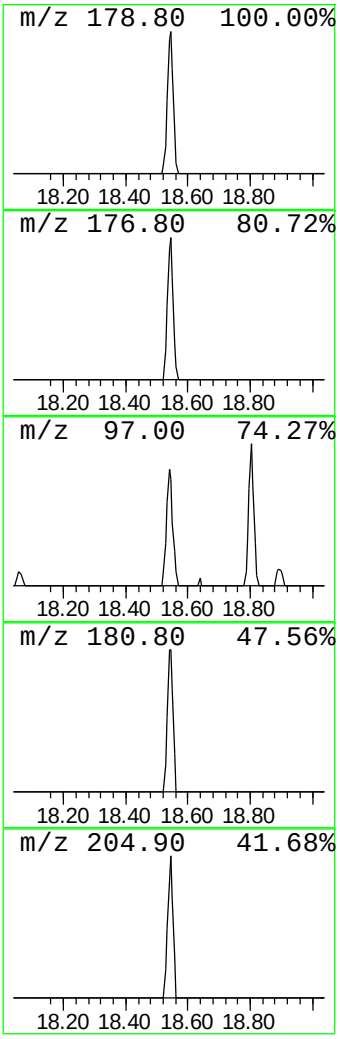
Peak Number 8 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	10.32 ng/ul	67388	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	27
2	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	25
3	1-(4-Chlorophenyl)-2-methyl-pyri...	220	C11H9ClN2O	109853-47-6	22
4	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	20
5	6-Bromohexanoic acid, 1-(cyclope...	290	C13H23BrO2	1000293-29-6	16





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Instrument : BNA_M
ClientSampleId : C0FZ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION

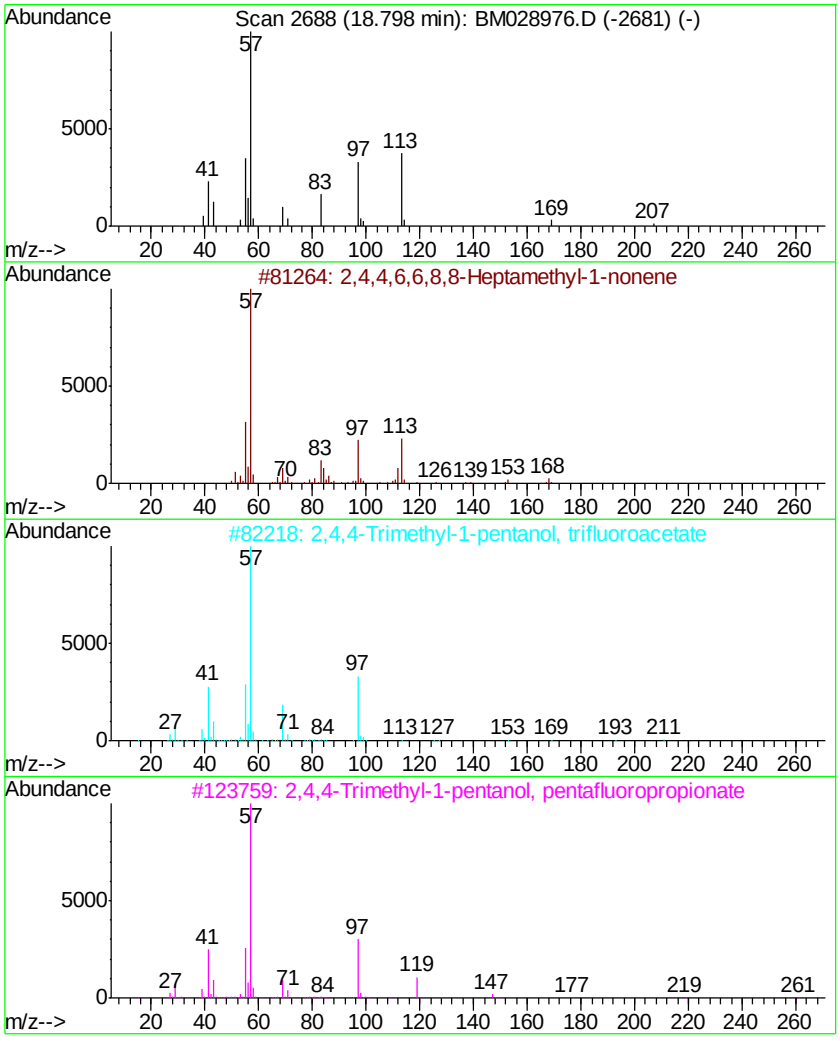
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

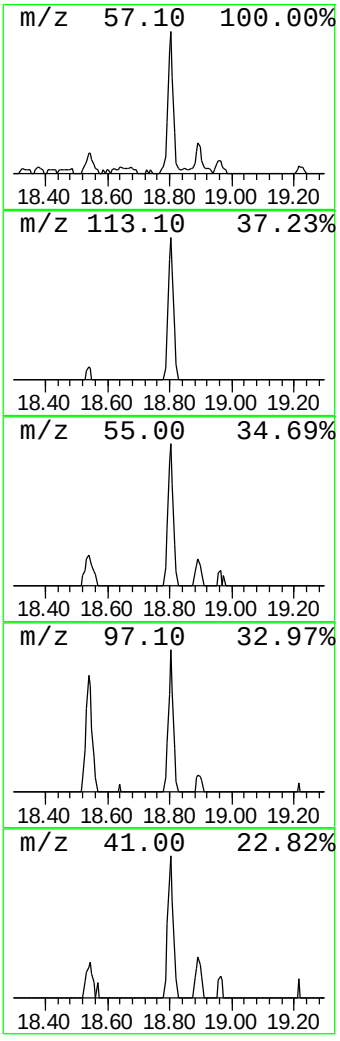
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	3.96 ng/ul	25886	Phenanthrene-d10	17.17

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	56
2	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	43
3	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	38
4	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	38
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	38





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Instrument : BNA_M
ClientSampleId : C0FZ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION

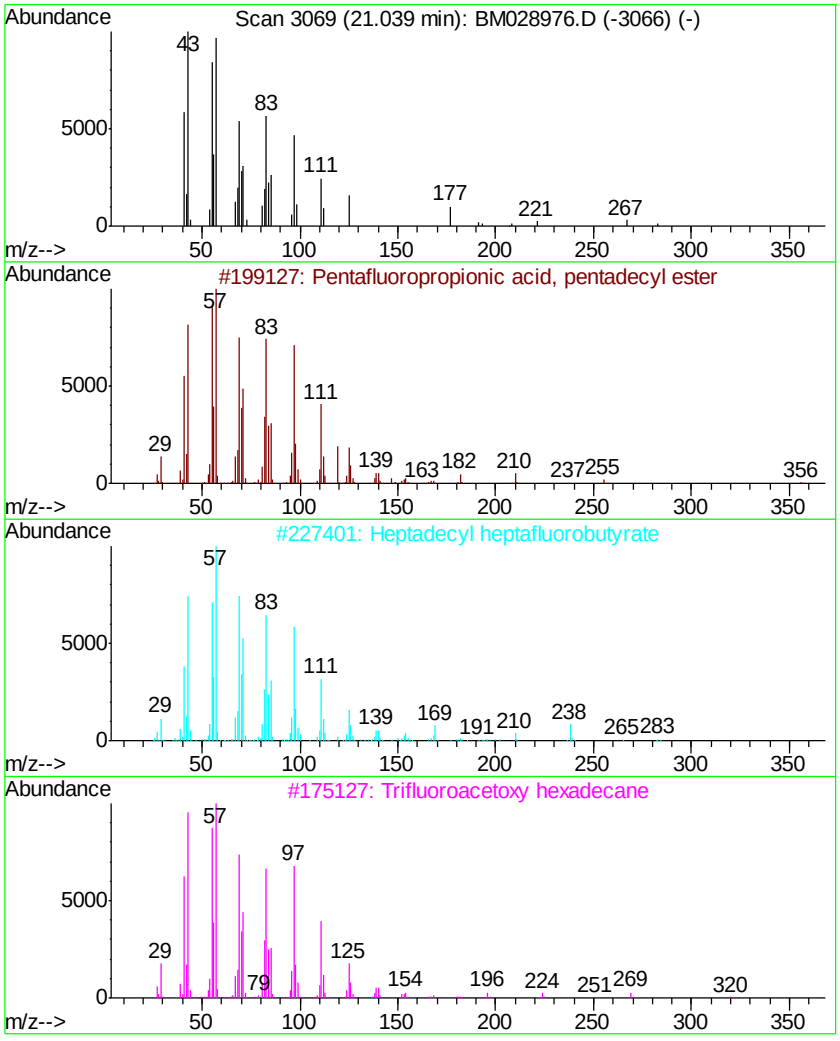
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

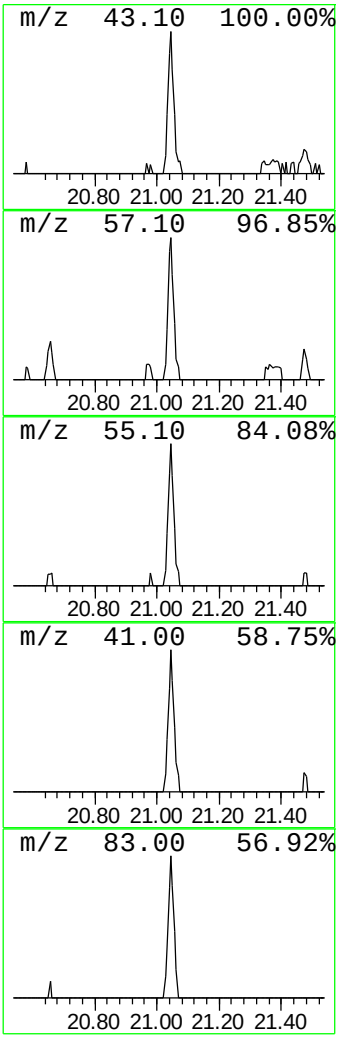
****

Peak Number 10 Pentafluoropropionic acid, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	3.97 ng/ul	26453	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91





Tentatively Identified Compound (LSC) summary

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Data File : BM028976.D
Acq On : 03 Mar 2021 14:26
Operator : CG/JU
Sample : M1546-05
Misc :
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Instrument : BNA_M
ClientSampleId : C0FZ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.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
Benzene, 1-chloro...	11.18	29.3	ng/ul	152128	2	10.56	103762	20.0
Benzene, 1-chloro...	11.40	6.2	ng/ul	31888	2	10.56	103762	20.0
unknown-01	18.54	10.3	ng/ul	67388	4	17.17	130643	20.0
(DEL) Alkane: Str...	18.80	4.0	ng/ul	25886	4	17.17	130643	20.0
Pentafluoropropio...	21.04	4.0	ng/ul	26453	5	21.34	133392	20.0