LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042321\
Data File : BN014378.D
Acq On : 23 Apr 2021 15:40
Operator : CG/JU
Sample : M2031-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG546

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\SFAM-EPA-BN041521.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	6.852	635	640	651	rVB2	130440	236076	6.41%	0.755%
2	7.022	664	669	685	rVB	447052	714125	19.40%	2.285%
3	7.216	696	702	713	rBV	474807	746957	20.29%	2.390%
4	7.687	776	782	787	rBV	404033	639959	17.39%	2.048%
5	7.752	789	793	801	rVB	52057	85691	2.33%	0.274%
6	8.381	894	900	911	rVB	354465	556632	15.12%	1.781%
7	8.499	917	920	925	rVB2	14339	20985	0.57%	0.067%
8	8.775	961	967	971	rBV	95747	149686	4.07%	0.479%
9	8.828	971	976	983	rVV	531696	875716	23.79%	2.802%
10	8.999	1003	1005	1012	rVB2	8227	12784	0.35%	0.041%
11	9.552	1092	1099	1108	rBV	360903	594991	16.17%	1.904%
12	10.081	1183	1189	1197	rBV	638393	1012137	27.50%	3.239%
13	10.369	1234	1238	1245	rVB2	14750	27816	0.76%	0.089%
14	10.463	1247	1254	1261	rVV	545591	918448	24.95%	2.939%
15	10.522	1261	1264	1268	rVV4	8629	11144	0.30%	0.036%
16	10.599	1272	1277	1282	rVB	25408	38239	1.04%	0.122%
17	11.110	1359	1364	1373	rVB3	6785	11903	0.32%	0.038%
18	11.246	1384	1387	1393	rVB3	3802	5341	0.15%	0.017%
19	12.051	1520	1524	1530	rVB2	10681	16495	0.45%	0.053%
20	12.222	1549	1553	1559	rVB3	2984	5557	0.15%	0.018%
21	12.363	1574	1577	1582	rVB3	3215	4422	0.12%	0.014%
22	12.675	1624	1630	1637	rBV	103366	160449	4.36%	0.513%
23	12.928	1667	1673	1684	rBV	236194	339979	9.24%	1.088%
24	13.157	1708	1712	1719	rVB2	10215	13796	0.37%	0.044%
25	13.234	1719	1725	1731	rBV	122676	182314	4.95%	0.583%
26	13.640	1791	1794	1800	rVB6	2447	4204	0.11%	0.013%
27	13.734	1804	1810	1815	rVV	1322783	1756184	47.71%	5.619%
28	13.775	1815	1817	1823	rVB	32585	41399	1.12%	0.132%
29	13.863	1828	1832	1835	rVB4	4456	6096	0.17%	0.020%
30	14.010	1847	1857	1864	rBV	1605251	2257944	61.35%	7.225%
31	14.057	1864	1865	1870	rVB2	4533	5109	0.14%	0.016%
32	14.175	1881	1885	1890	rVB2	5079	7527	0.20%	0.024%
33	14.234	1890	1895	1900	rVB4	4558	6238	0.17%	0.020%
34	14.322	1903	1910	1917	rVV	791334	1160474	31.53%	3.713%

LSC Area Percent Report

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Instrument : BNA_N
ClientSampleId : BG546

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\SFAM-EPA-BN041521.M
Title : SVOA CALIBRATION

35	14.410	1921	1925	1929	rBV2	5804	7330	0.20%	0.023%
36	14.516	1937	1943	1953	rBV	78582	115174	3.13%	0.369%
37	15.004	2022	2026	2030	rBV3	4268	6278	0.17%	0.020%
38	15.069	2033	2037	2043	rVB	9950	12422	0.34%	0.040%
39	15.134	2043	2048	2055	rBV2	80564	122598	3.33%	0.392%
40	15.187	2055	2057	2062	rVB4	3641	4713	0.13%	0.015%
41	15.316	2072	2079	2087	rBV	2025195	2755599	74.87%	8.817%
42	15.428	2092	2098	2108	rBV	384263	515013	13.99%	1.648%
43	15.557	2115	2120	2126	rBV	17957	23665	0.64%	0.076%
44	15.681	2138	2141	2145	rBV3	4457	5274	0.14%	0.017%
45	16.098	2209	2212	2215	rVB2	5534	6790	0.18%	0.022%
46	16.222	2229	2233	2237	rBV2	4181	6152	0.17%	0.020%
47	16.316	2244	2249	2253	rBV	12019	14994	0.41%	0.048%
48	16.475	2271	2276	2280	rBV4	4991	6670	0.18%	0.021%
49	16.851	2337	2340	2346	rBV3	2611	4032	0.11%	0.013%
50	17.063	2370	2376	2383	rBV	918612	1288659	35.01%	4.123%
51	17.163	2387	2393	2406	rBV	2282855	3119841	84.76%	9.983%
52	17.363	2422	2427	2432	rBV	16417	21558	0.59%	0.069%
53	17.745	2487	2492	2499	rVB	172929	201700	5.48%	0.645%
54	17.969	2525	2530	2538	rBV	70752	95116	2.58%	0.304%
55	18.039	2538	2542	2544	rVV2	5097	7713	0.21%	0.025%
56	18.063	2544	2546	2552	rVB5	3710	4842	0.13%	0.015%
57	18.180	2563	2566	2570	rBV3	2917	3697	0.10%	0.012%
58	19.098	2717	2722	2726	rBV	17772	25572	0.69%	0.082%
59	19.257	2745	2749	2754	rBV2	43747	51640	1.40%	0.165%
60	19.351	2761	2765	2770	rBV	15526	19856	0.54%	0.064%
61	19.463	2778	2784	2799	rBV	2720654	3680699	100.00%	11.777%
62	20.980	3038	3042	3048	rBV2	58451	83265	2.26%	0.266%
63	21.186	3075	3077	3080	rBV3	8459	8879	0.24%	0.028%
64	21.263	3084	3090	3100	rBV	1122895	1406394	38.21%	4.500%
65	23.345	3437	3444	3460	rBV	2025128	3591815	97.59%	11.493%
66	23.486	3461	3468	3478	rVB	771806	1407421	38.24%	4.503%

Sum of corrected areas: 31252188

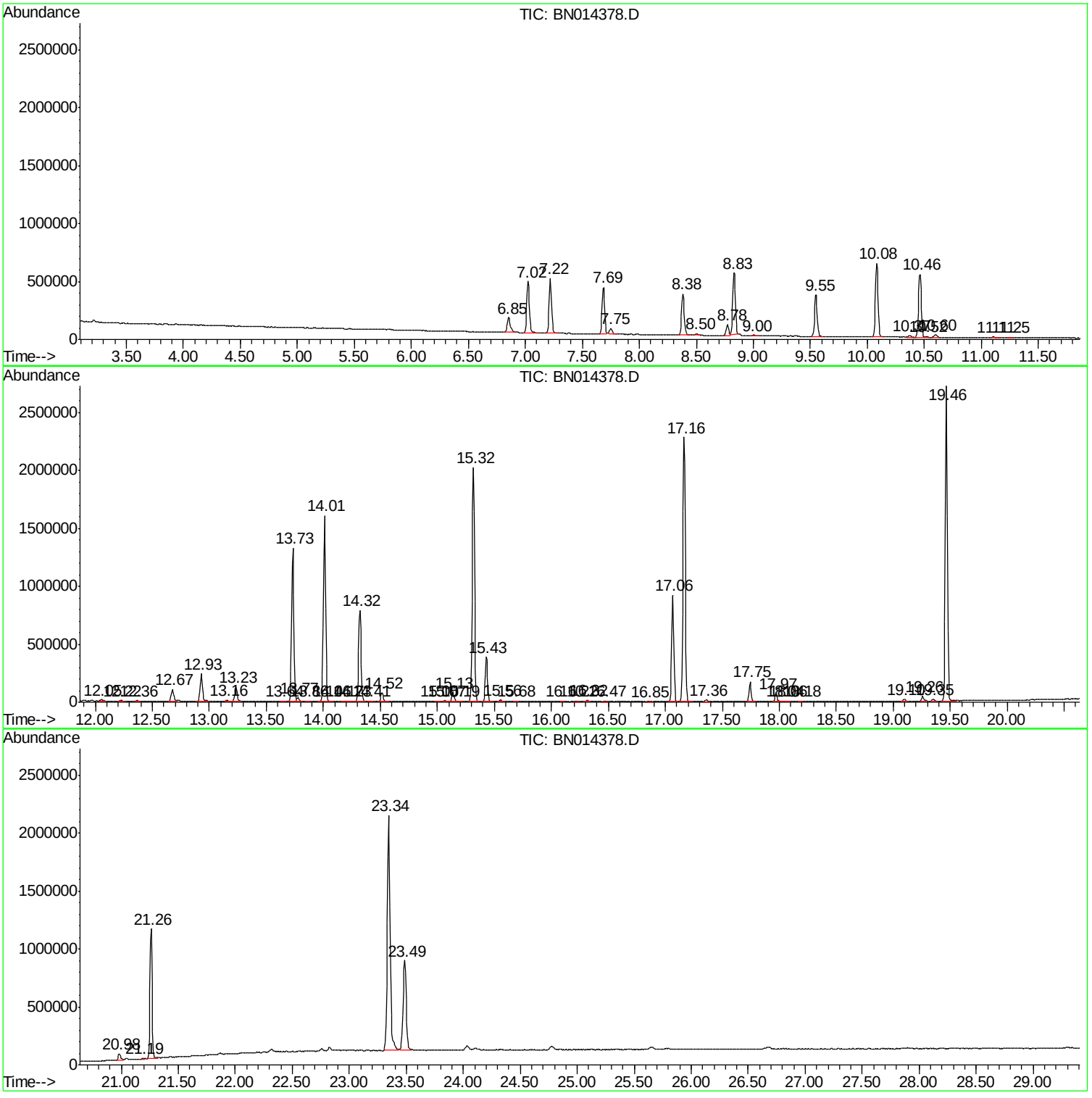
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042321\
Data File : BN014378.D
Acq On : 23 Apr 2021 15:40
Operator : CG/JU
Sample : M2031-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG546

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION

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



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Data File : BN014378.D
Acq On : 23 Apr 2021 15:40
Operator : CG/JU
Sample : M2031-21
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Quant Title : SVOA CALIBRATION

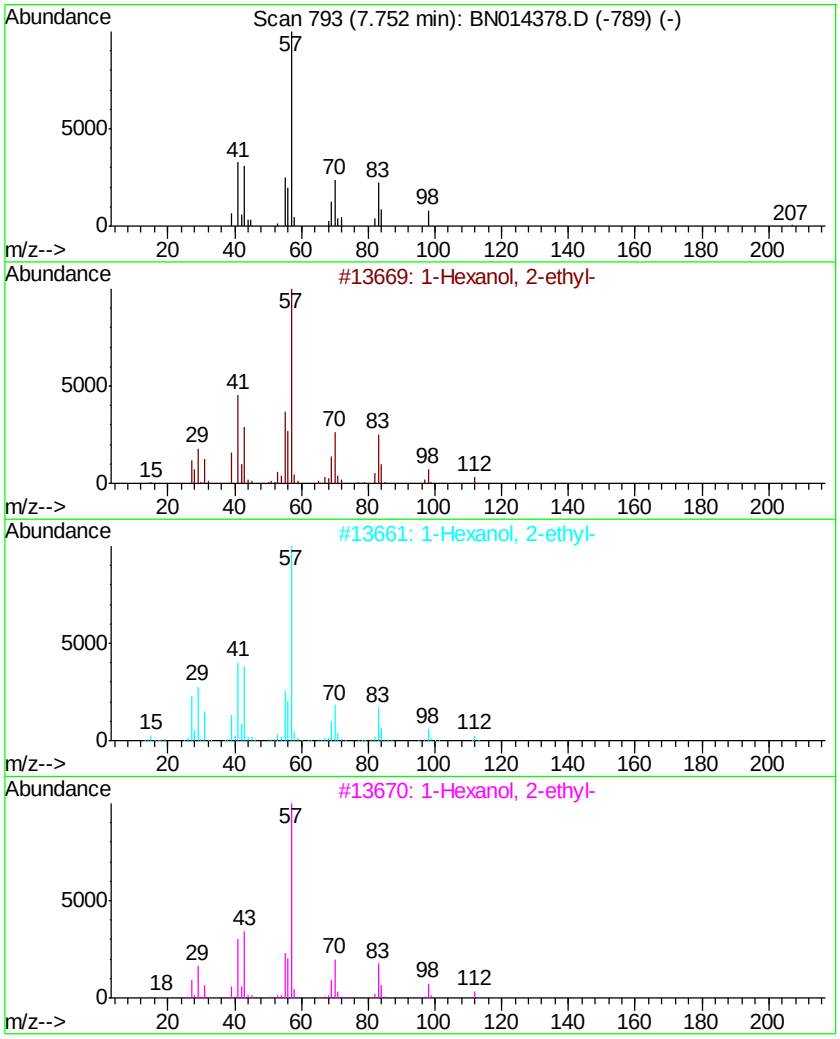
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

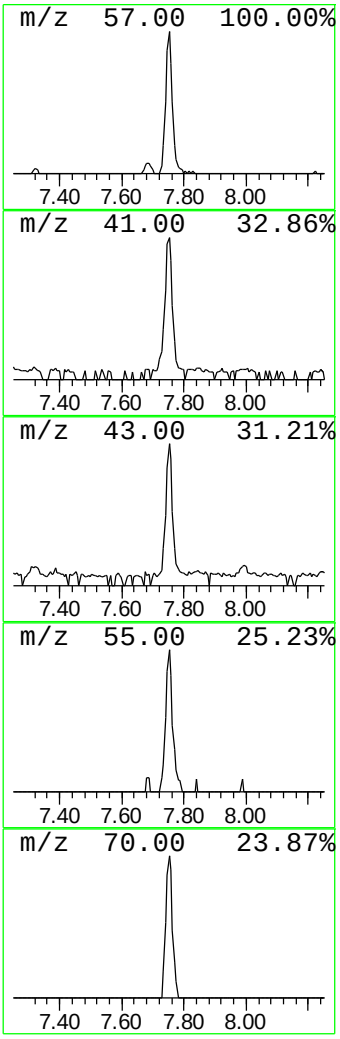
****

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	2.68 ng/ul	85691	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042321\
Data File : BN014378.D
Acq On : 23 Apr 2021 15:40
Operator : CG/JU
Sample : M2031-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG546

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION

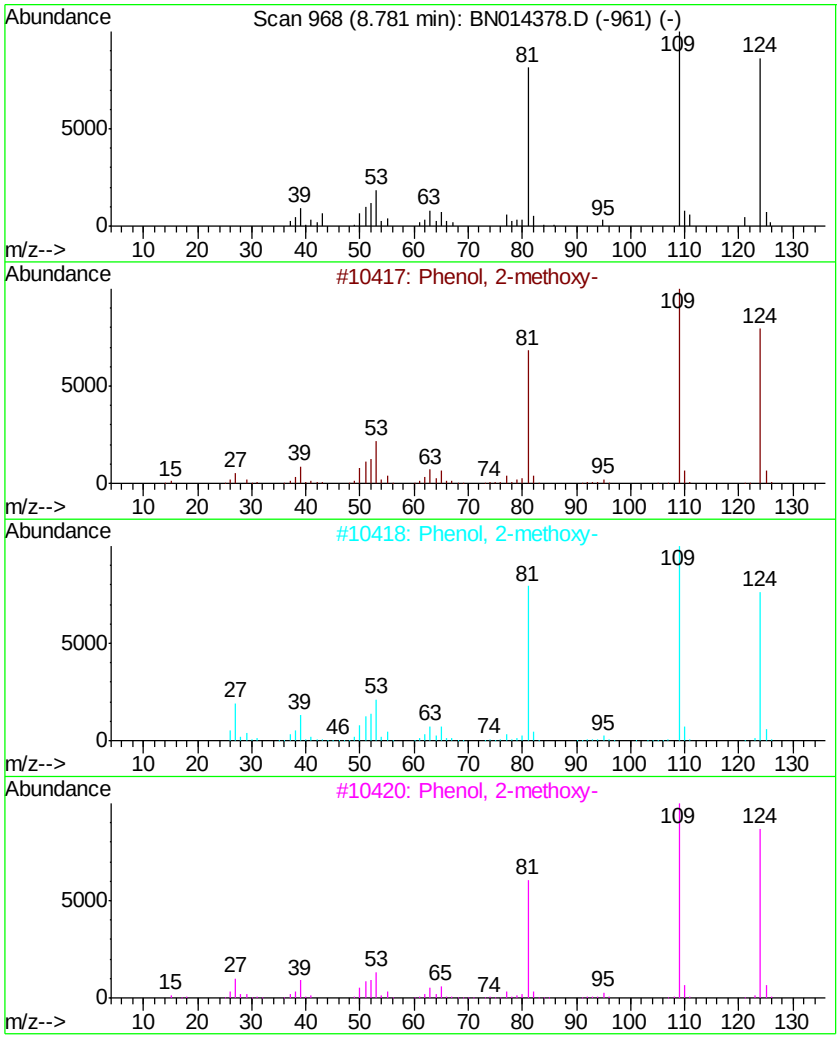
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

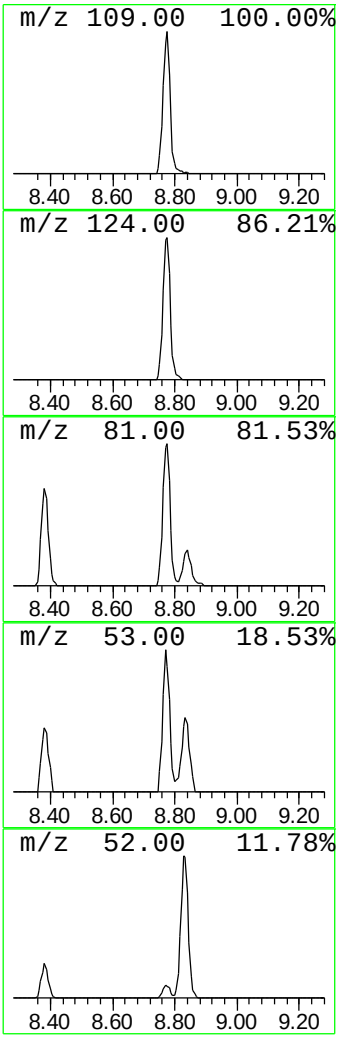
****

Peak Number 2 Phenol, 2-methoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	4.68 ng/ul	149686	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	97
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
4	Mequinol	124	C7H8O2	000150-76-5	90
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90





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Sample : M2031-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG546

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Quant Title : SVOA CALIBRATION

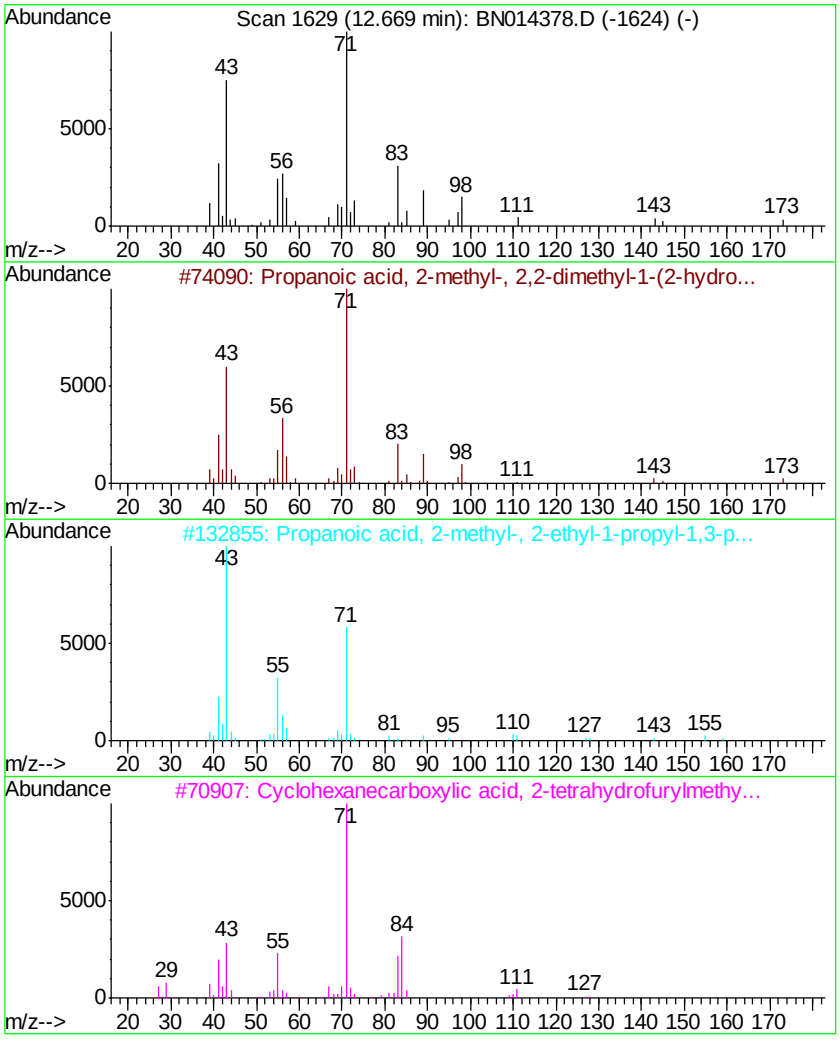
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

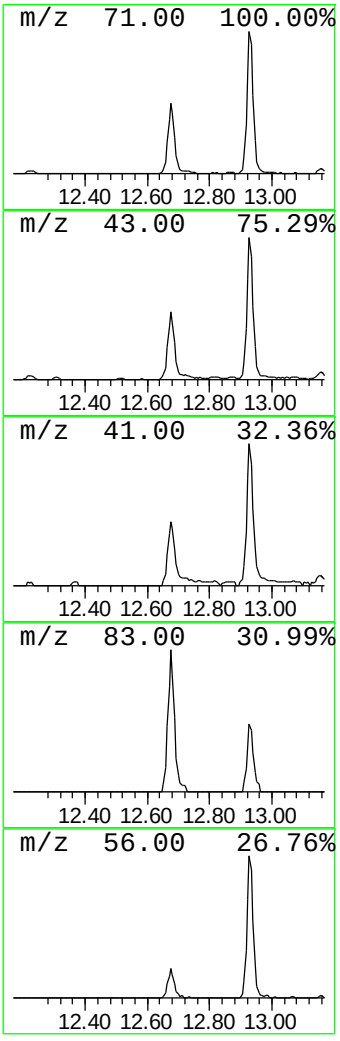
****

Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	2.77 ng/ul	160449	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	86
2	Propanoic acid, 2-methyl-, 2-eth...	286	C16H30O4	074367-30-9	53
3	Cyclohexanecarboxylic acid, 2-te...	212	C12H20O3	1000279-85-7	50
4	Butyric acid, 2-tridecyl ester	270	C17H34O2	055193-07-2	42
5	Butanoic acid, 1-methylhexyl ester	186	C11H22O2	039026-94-3	42





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Operator : CG/JU
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Misc :
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Instrument : BNA_N
ClientSampleId : BG546

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
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TIC Library : C:\DATABASE\NIST11.L
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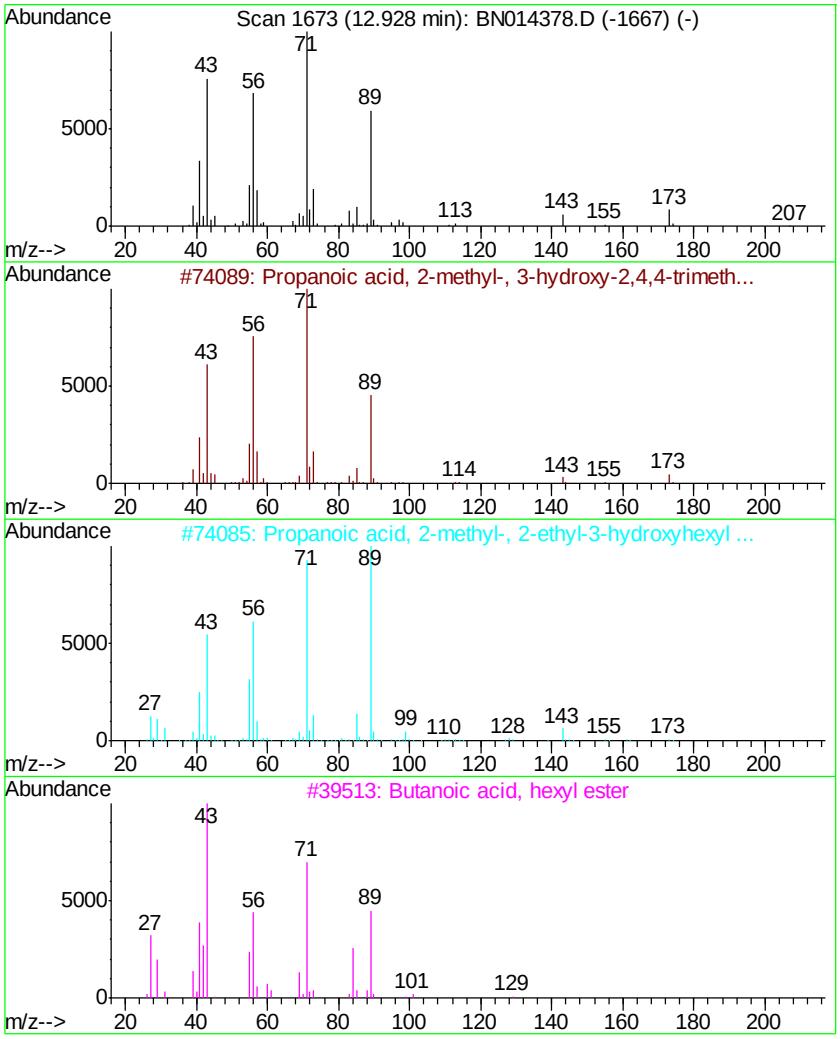
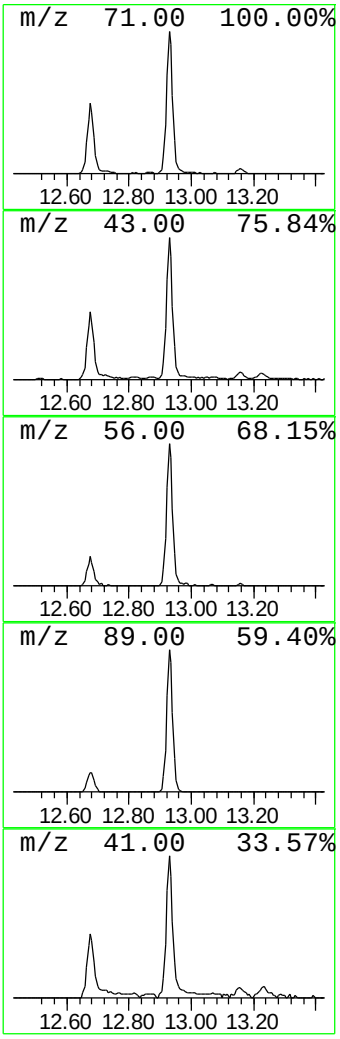
****

Peak Number 4 Propanoic acid, 2-methyl-, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	5.86 ng/ul	339979	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	91
2	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	78
3	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	72
4	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	72
5	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	64





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION

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

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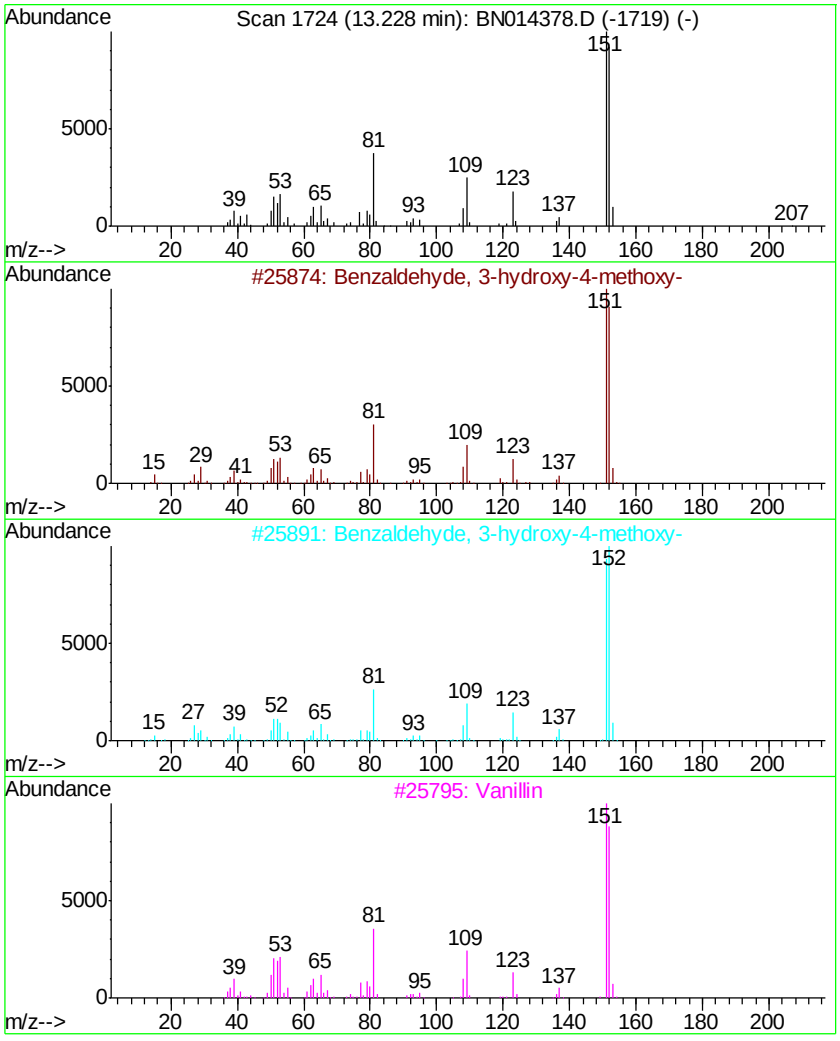
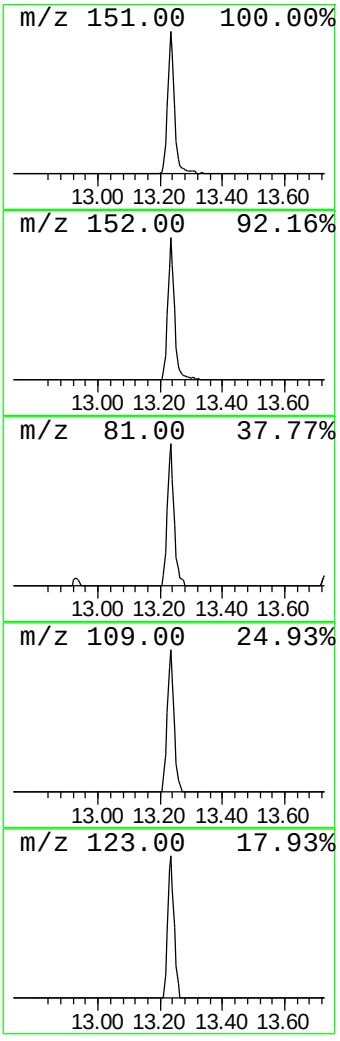
Peak Number 5 Benzaldehyde, 3-hydroxy-4-m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	3.14 ng/ul	182314	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	97
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96
3	Vanillin	152	C8H8O3	000121-33-5	95
4	Vanillin	152	C8H8O3	000121-33-5	95
5	Vanillin	152	C8H8O3	000121-33-5	90





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Quant Title : SVOA CALIBRATION

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

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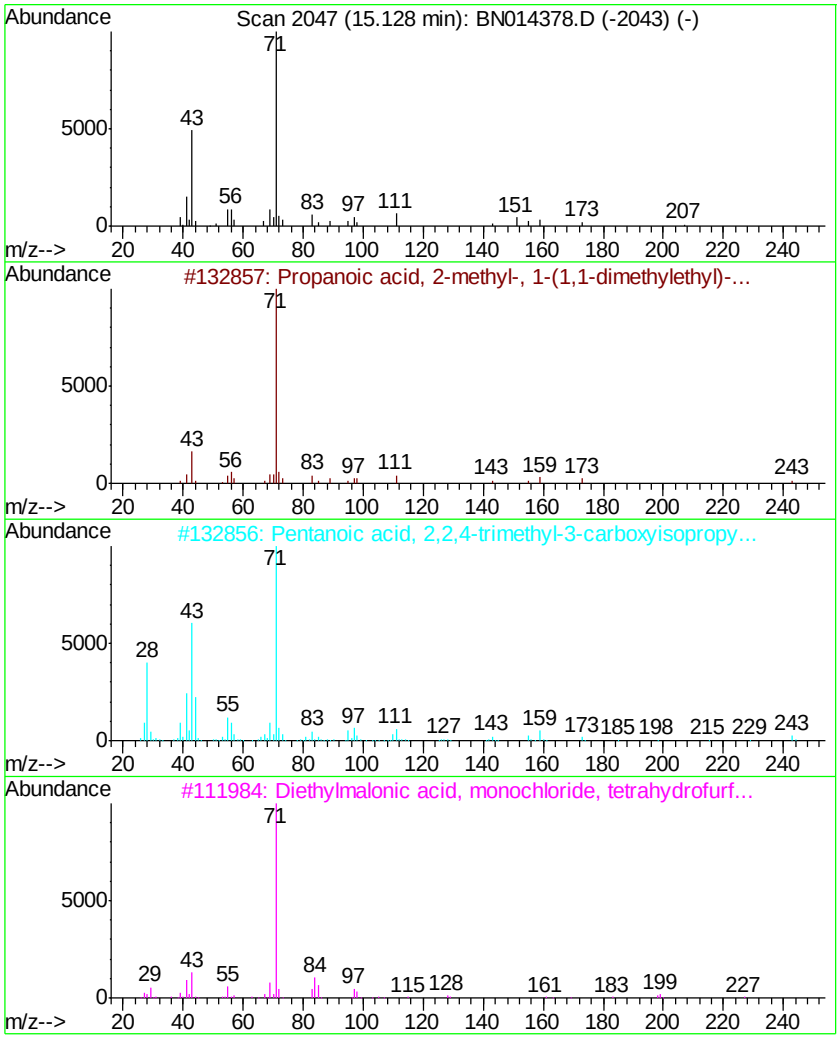
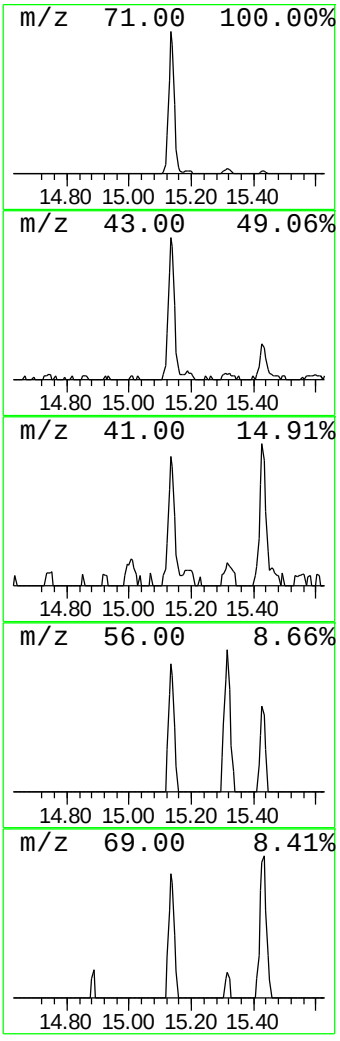
Peak Number 6 Propanoic acid, 2-methyl-, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	2.11 ng/ul	122598	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	87
2	Pentanoic acid, 2,2,4-trimethyl-...	286	C16H30O4	1000140-77-5	78
3	Diethylmalonic acid, monochlorid...	262	C12H19ClO4	1000370-65-0	59
4	Oxalic acid, neopentyl nonyl ester	286	C16H30O4	1000309-73-3	45
5	Butanoic acid, anhydride	158	C8H14O3	000106-31-0	42





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Data File : BN014378.D
Acq On : 23 Apr 2021 15:40
Operator : CG/JU
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Misc :
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Instrument : BNA_N
ClientSampleId : BG546

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION

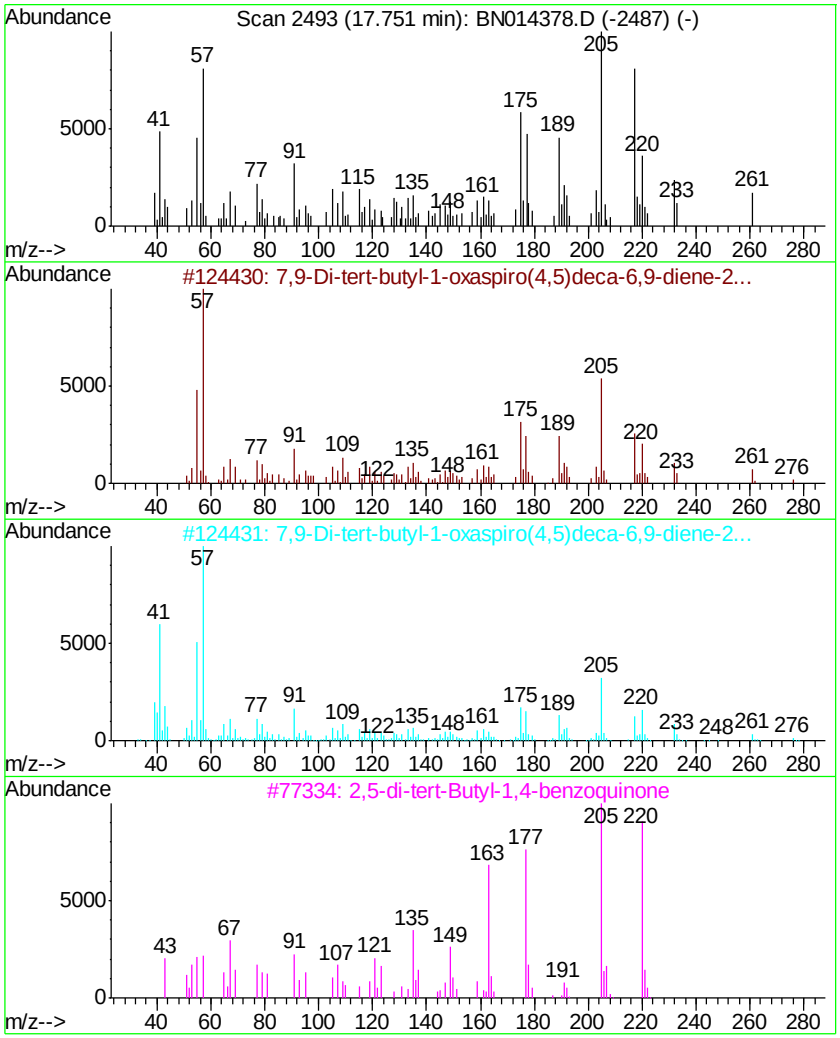
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

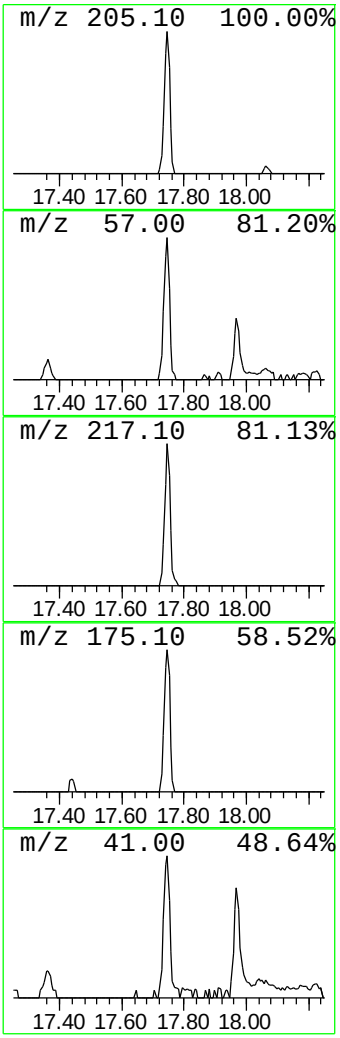
****

Peak Number 7 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	3.13 ng/ul	201700	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	97
3	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	60
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	41
5	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042321\
Data File : BN014378.D
Acq On : 23 Apr 2021 15:40
Operator : CG/JU
Sample : M2031-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG546

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.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
1-Hexanol, 2-ethyl-	7.75	2.7	ng/ul	85691	1	7.69	639959	20.0
Phenol, 2-methoxy-	8.78	4.7	ng/ul	149686	1	7.69	639959	20.0
Propanoic acid, 2...	12.67	2.8	ng/ul	160449	3	14.32	1160470	20.0
Propanoic acid, 2...	12.93	5.9	ng/ul	339979	3	14.32	1160470	20.0
Benzaldehyde, 3-h...	13.23	3.1	ng/ul	182314	3	14.32	1160470	20.0
Propanoic acid, 2...	15.13	2.1	ng/ul	122598	3	14.32	1160470	20.0
7,9-Di-tert-butyl...	17.75	3.1	ng/ul	201700	4	17.07	1288660	20.0