LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
Data File : BN031062.D
Acq On : 20 Apr 2024 06:16
Operator : MA/JU
Sample : P2159-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MC0R80

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-BN041924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN031062.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.146	23	27	40	rVB	15513	28884	0.45%	0.067%
2	3.564	96	98	116	rBV	66172	137885	2.13%	0.322%
3	5.205	373	377	382	rVB4	4809	6684	0.10%	0.016%
4	5.705	457	462	470	rBV4	11269	22433	0.35%	0.052%
5	6.628	613	619	625	rBV10	6012	13270	0.20%	0.031%
6	6.810	642	650	664	rVB	91714	162612	2.51%	0.380%
7	6.975	672	678	695	rVB	425411	686774	10.59%	1.604%
8	7.169	702	711	720	rBV	390537	630173	9.71%	1.472%
9	7.634	780	790	796	rBV	414780	660347	10.18%	1.543%
10	7.699	796	801	808	rVB	90925	137466	2.12%	0.321%
11	7.881	828	832	837	rBV3	6284	11799	0.18%	0.028%
12	8.251	890	895	901	rBV	16180	26253	0.40%	0.061%
13	8.340	904	910	918	rBV	313609	489995	7.55%	1.145%
14	8.451	926	929	936	rVB4	8917	15445	0.24%	0.036%
15	8.728	969	976	981	rBV	181403	292758	4.51%	0.684%
16	8.793	981	987	993	rVV	539727	877261	13.52%	2.049%
17	8.840	993	995	1002	rVV	18083	28118	0.43%	0.066%
18	8.957	1010	1015	1020	rVB6	7674	13359	0.21%	0.031%
19	9.181	1047	1053	1058	rBV5	7251	16218	0.25%	0.038%
20	9.504	1100	1108	1114	rBV	410011	671760	10.36%	1.569%
21	9.669	1128	1136	1137	rBV5	9574	16049	0.25%	0.037%
22	9.734	1143	1147	1157	rVB9	10103	21453	0.33%	0.050%
23	9.851	1160	1167	1170	rBV7	3025	7477	0.12%	0.017%
24	9.916	1173	1178	1186	rBV	10645	22142	0.34%	0.052%
25	10.040	1192	1199	1209	rBV	626351	1036764	15.98%	2.422%
26	10.198	1222	1226	1229	rBV5	5990	9796	0.15%	0.023%
27	10.328	1242	1248	1256	rVV3	48041	80883	1.25%	0.189%
28	10.416	1256	1263	1269	rVV	626089	1034507	15.95%	2.417%
29	10.475	1269	1273	1278	rVB3	22015	35788	0.55%	0.084%
30	10.557	1280	1287	1307	rBV	589449	1015731	15.66%	2.373%
31	10.951	1350	1354	1361	rVV4	10684	16568	0.26%	0.039%
32	11.016	1361	1365	1367	rVV4	6751	8746	0.13%	0.020%
33	11.069	1367	1374	1380	rVB	16598	32101	0.49%	0.075%
34	11.204	1392	1397	1402	rVB4	13120	23349	0.36%	0.055%
35	11.316	1414	1416	1423	rVB4	4647	7702	0.12%	0.018%
36	11.404	1427	1431	1442	rVB9	7407	13723	0.21%	0.032%

LSC Area Percent Report

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Sample : P2159-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MC0R80

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-BN041924.MA.M
Title : SVOA CALIBRATION

37	11.592	1458	1463	1466	rBV3	10770	17160	0.26%	0.040%
38	11.710	1478	1483	1496	rVB	38984	76284	1.18%	0.178%
39	12.010	1528	1534	1541	rVB2	13397	23049	0.36%	0.054%
40	12.475	1608	1613	1618	rBV7	5896	8186	0.13%	0.019%
41	12.628	1630	1639	1644	rVV5	6727	14685	0.23%	0.034%
42	12.734	1653	1657	1666	rVB	12333	22330	0.34%	0.052%
43	12.887	1676	1683	1686	rBV4	9557	14214	0.22%	0.033%
44	13.051	1706	1711	1720	rBV	26648	44602	0.69%	0.104%
45	13.122	1720	1723	1728	rVV2	8932	11818	0.18%	0.028%
46	13.204	1728	1737	1747	rVV	287134	451266	6.96%	1.054%
47	13.651	1808	1813	1815	rBV5	6791	9291	0.14%	0.022%
48	13.698	1815	1821	1836	rVB	1363067	1883273	29.03%	4.399%
49	13.816	1836	1841	1845	rBV6	3667	7025	0.11%	0.016%
50	13.975	1858	1868	1875	rBV	1551730	2256677	34.79%	5.272%
51	14.034	1875	1878	1883	rVB2	22113	28480	0.44%	0.067%
52	14.145	1889	1897	1909	rVB	63564	104953	1.62%	0.245%
53	14.281	1912	1920	1931	rBV	1050911	1516674	23.38%	3.543%
54	14.498	1951	1957	1963	rBV2	81143	149640	2.31%	0.350%
55	14.710	1988	1993	1995	rBV5	4455	7627	0.12%	0.018%
56	14.751	1997	2000	2004	rVB6	5525	9310	0.14%	0.022%
57	14.963	2030	2036	2043	rVB3	13935	23074	0.36%	0.054%
58	15.092	2054	2058	2060	rBV4	13402	21559	0.33%	0.050%
59	15.281	2083	2090	2103	rVB	1975028	2939308	45.31%	6.866%
60	15.398	2103	2110	2121	rBV	516131	758325	11.69%	1.771%
61	15.516	2126	2130	2136	rVB3	12550	20028	0.31%	0.047%
62	15.651	2149	2153	2164	rVB	26311	47298	0.73%	0.110%
63	16.063	2219	2223	2228	rVB7	7262	11049	0.17%	0.026%
64	16.916	2365	2368	2373	rVB6	3989	6903	0.11%	0.016%
65	17.033	2379	2388	2398	rBV	1387038	1998194	30.80%	4.668%
66	17.127	2398	2404	2418	rVV2	2350125	3442295	53.07%	8.041%
67	17.322	2433	2437	2442	rVB	15252	20273	0.31%	0.047%
68	17.704	2497	2502	2511	rBV2	436630	554192	8.54%	1.295%
69	17.875	2527	2531	2536	rBV7	12937	21339	0.33%	0.050%
70	17.927	2536	2540	2546	rVV3	34899	56575	0.87%	0.132%
71	18.010	2549	2554	2564	rVB	28022	54065	0.83%	0.126%
72	18.139	2572	2576	2581	rBV	20895	29949	0.46%	0.070%
73	18.186	2581	2584	2587	rVB5	9537	11988	0.18%	0.028%
74	18.998	2717	2722	2725	rBV2	33154	48329	0.75%	0.113%
75	19.063	2729	2733	2737	rBV	32342	40542	0.63%	0.095%
76	19.222	2756	2760	2766	rBV4	29521	43049	0.66%	0.101%

LSC Area Percent Report

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Sample : P2159-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MC0R80

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-BN041924.MA.M
Title : SVOA CALIBRATION

77	19.433	2790	2796	2803	rBV	3386147	4547303	70.10%	10.623%
78	19.827	2861	2863	2869	rBV6	11439	13260	0.20%	0.031%
79	21.263	3101	3107	3120	rBV2	1949284	2878676	44.38%	6.725%
80	23.968	3558	3567	3582	rVB2	2684262	6486684	100.00%	15.153%
81	24.168	3592	3601	3618	rVB	1553274	3764662	58.04%	8.794%

Sum of corrected areas: 42807736

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Misc :
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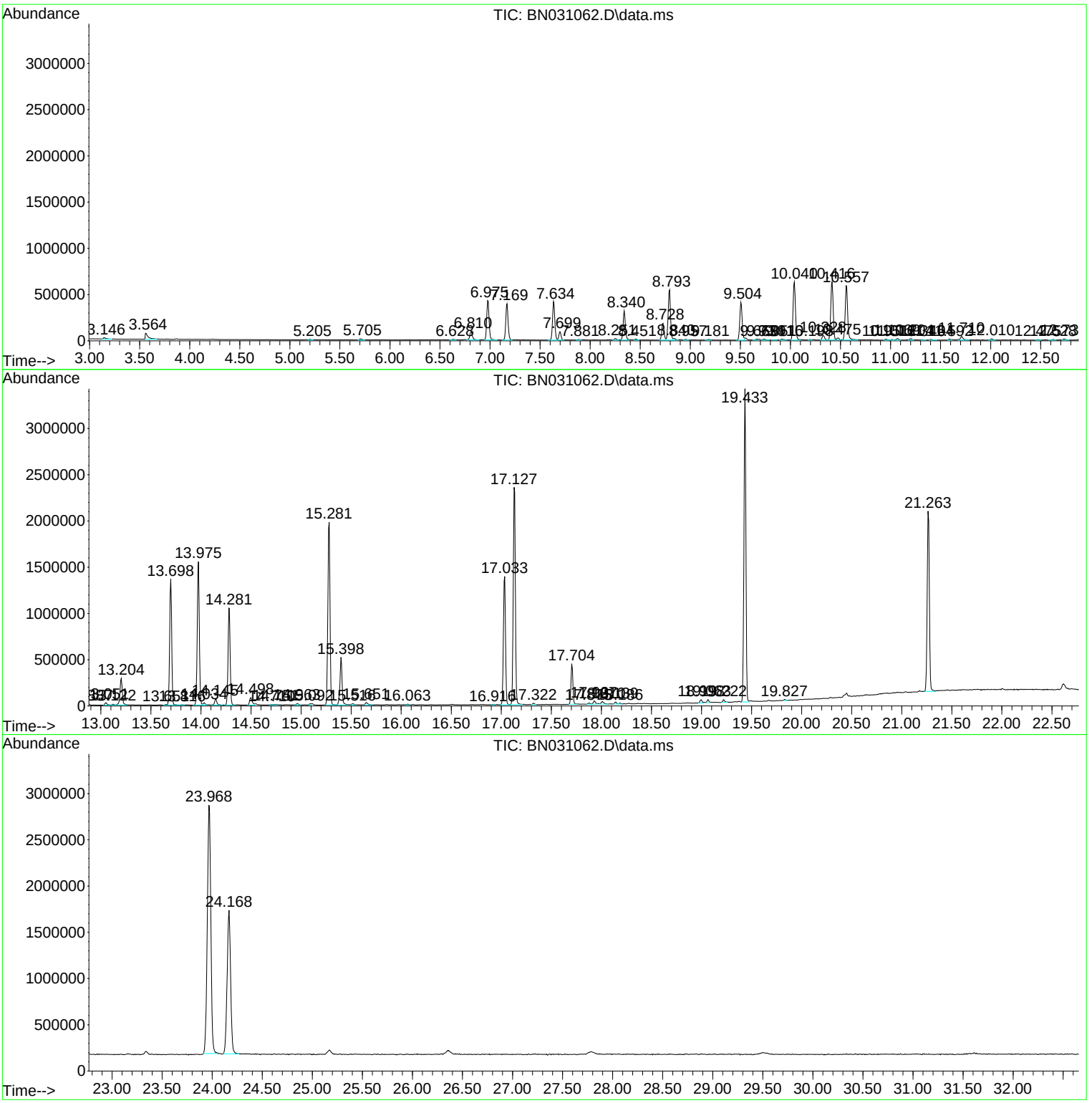
Instrument :
BNA_N
ClientSampleId :
MC0R80

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
Data File : BN031062.D
Acq On : 20 Apr 2024 06:16
Operator : MA/JU
Sample : P2159-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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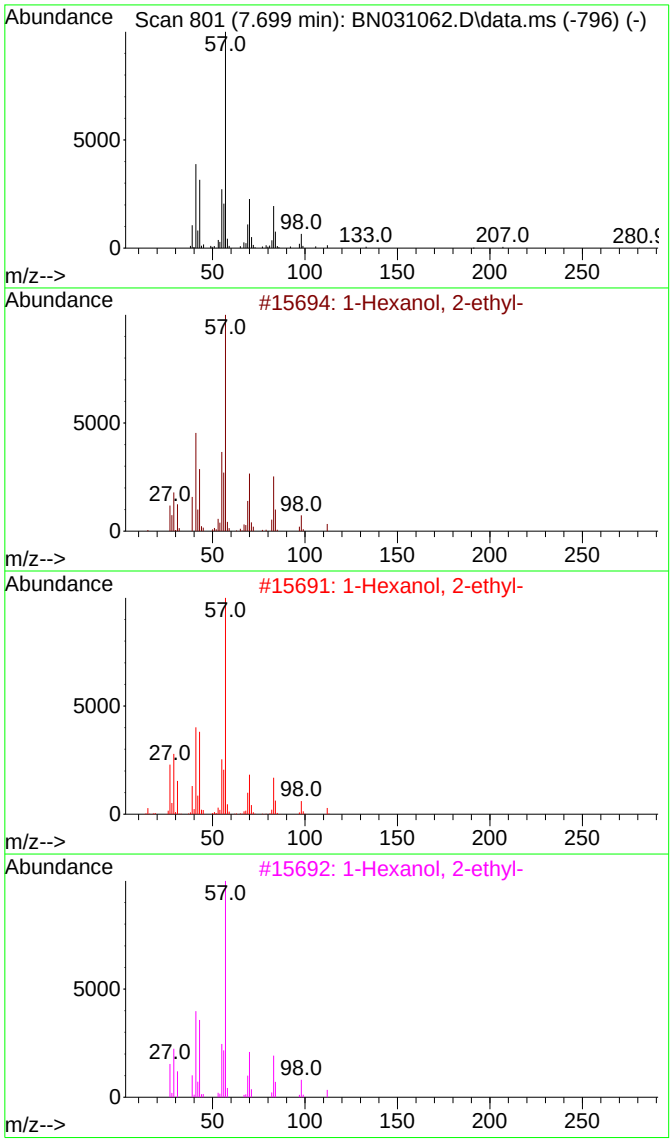
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

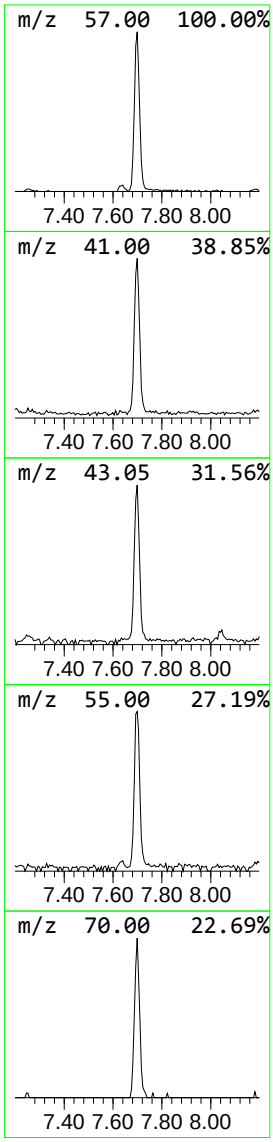
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.699	4.16 ng/ul	137466	1,4-Dichlorobenzene-d4	7.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
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Sample : P2159-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MC0R80

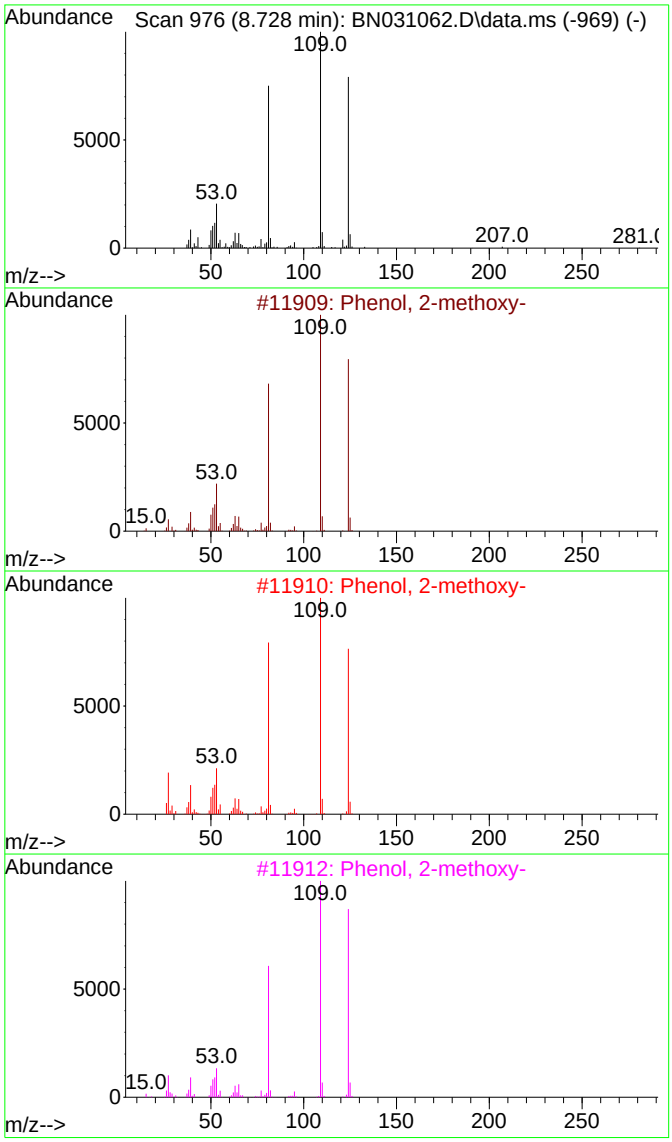
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

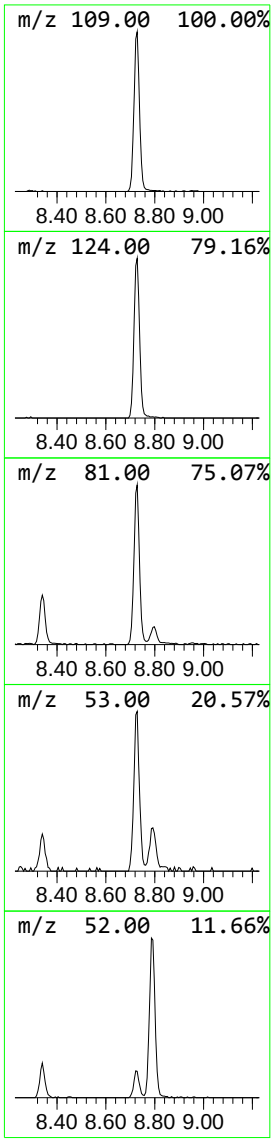
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenol, 2-methoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.728	8.87 ng/ul	292758	1,4-Dichlorobenzene-d4	7.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	93
4	2,3,5-Trimethylcyclopent-2-enone	124	C8H12O	1000427-08-7	86
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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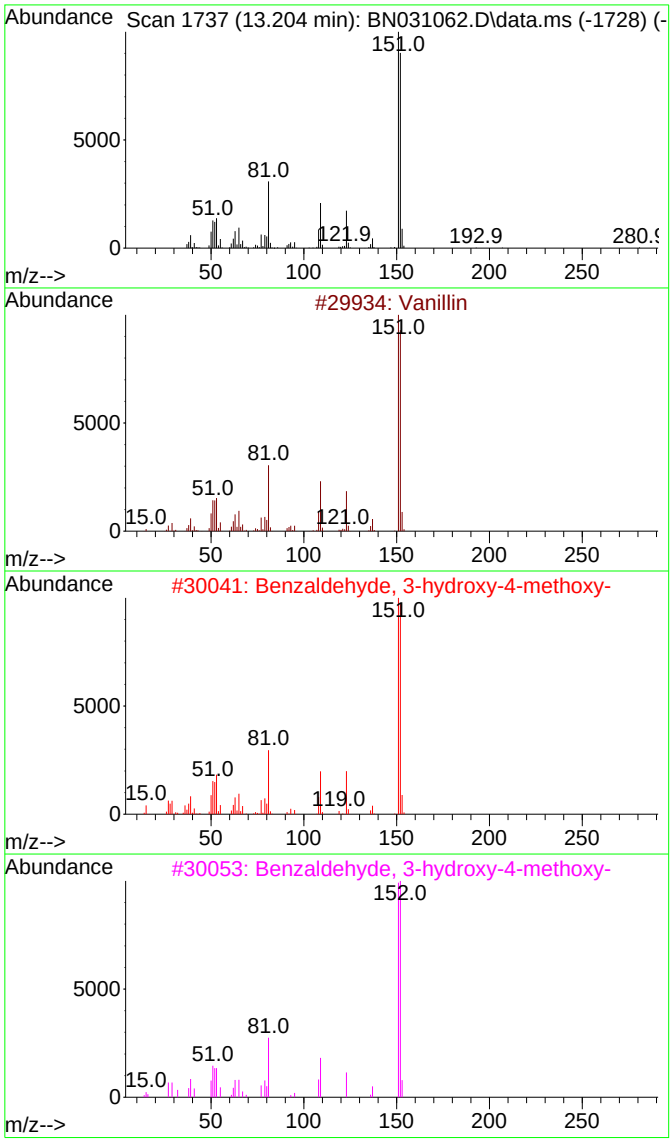
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

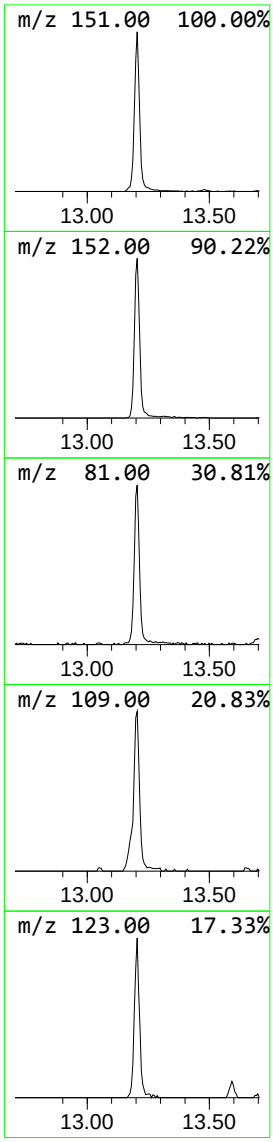
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Vanillin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	5.95 ng/ul	451266	Acenaphthene-d10	14.281

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





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Instrument :
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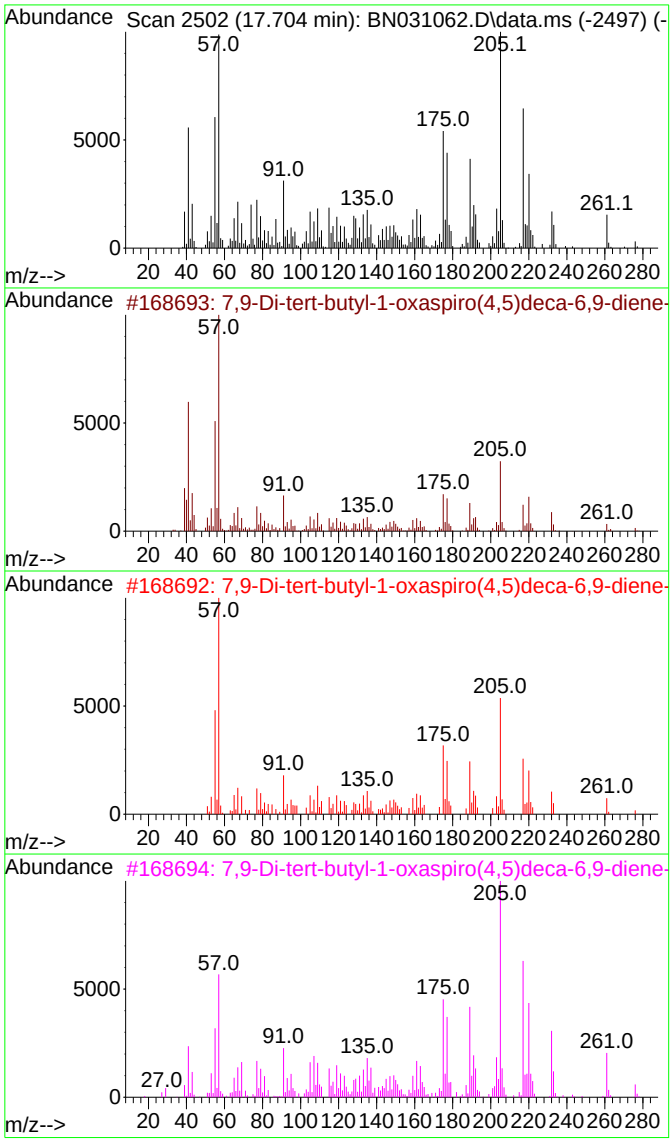
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

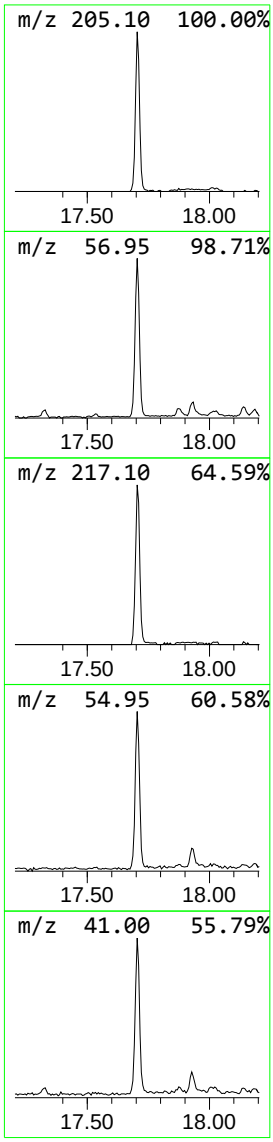
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.704	5.55 ng/ul	554192	Phenanthrene-d10	17.033

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	99
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	95
4	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	51
5	1-(3-Amino-4,6-dimethylthieno[2,...	220	C11H12N2OS	052505-42-7	50





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Hexanol, 2-et...	7.699	4.2	ng/ul	137466	1	7.634	660347	20.0
Phenol, 2-methoxy-	8.728	8.9	ng/ul	292758	1	7.634	660347	20.0
Vanillin	13.204	6.0	ng/ul	451266	3	14.281	1516670	20.0
7,9-Di-tert-but...	17.704	5.5	ng/ul	554192	4	17.033	1998190	20.0