LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050990.D
Acq On : 12 Nov 2021 6:46
Operator : CG/JU
Sample : M4542-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGF8

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_G\Methods\SFAM-EPA-BG110321.M
Title : SVOA CALIBRATION

Signal : TIC: BG050990.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.588	13	17	24	rVB5	4560	7409	0.52%	0.057%
2	4.023	87	91	101	rBV	23302	43029	3.05%	0.331%
3	4.246	121	129	136	rBV	5288	8569	0.61%	0.066%
4	4.352	145	147	153	rVB3	2433	3506	0.25%	0.027%
5	6.273	469	474	481	rVB6	2575	4654	0.33%	0.036%
6	7.372	654	661	670	rVB2	43916	78077	5.53%	0.601%
7	7.542	684	690	703	rVB	143646	246879	17.49%	1.900%
8	7.754	720	726	735	rBV	135407	239861	16.99%	1.846%
9	7.818	735	737	742	rVB4	1336	1838	0.13%	0.014%
10	8.229	800	807	812	rBV	137434	238018	16.86%	1.832%
11	8.271	812	814	821	rVB2	11363	15343	1.09%	0.118%
12	8.470	844	848	853	rVB4	3724	6007	0.43%	0.046%
13	8.835	906	910	919	rVB3	3038	6600	0.47%	0.051%
14	8.923	919	925	936	rBV	114646	210682	14.92%	1.621%
15	9.058	943	948	954	rVB3	6616	11861	0.84%	0.091%
16	9.322	987	993	999	rBV3	14886	25922	1.84%	0.199%
17	9.399	999	1006	1017	rVB	180553	332729	23.57%	2.560%
18	9.540	1026	1030	1034	rBV4	4151	7024	0.50%	0.054%
19	10.127	1122	1130	1138	rBV	147577	271281	19.21%	2.088%
20	10.668	1215	1222	1236	rBV	193302	359163	25.44%	2.764%
21	10.803	1240	1245	1252	rBV3	8087	16441	1.16%	0.127%
22	10.944	1265	1269	1276	rVB5	9745	18494	1.31%	0.142%
23	11.056	1280	1288	1300	rVB	198850	380271	26.93%	2.926%
24	11.185	1305	1310	1320	rVV2	46229	89061	6.31%	0.685%
25	11.561	1370	1374	1380	rBV2	2604	4869	0.34%	0.037%
26	11.614	1380	1383	1389	rBV4	2750	4991	0.35%	0.038%
27	11.719	1394	1401	1407	rVB3	4109	7614	0.54%	0.059%
28	11.849	1417	1423	1431	rVB5	1870	4413	0.31%	0.034%
29	12.019	1447	1452	1456	rVB3	1765	2706	0.19%	0.021%
30	12.201	1479	1483	1488	rBV	1609	2853	0.20%	0.022%
31	12.618	1549	1554	1560	rVB4	3341	5963	0.42%	0.046%
32	12.830	1583	1590	1593	rBV	1237	2124	0.15%	0.016%
33	13.053	1623	1628	1632	rBV3	1368	2184	0.15%	0.017%
34	13.206	1649	1654	1663	rVB3	7301	12532	0.89%	0.096%
35	13.312	1667	1672	1674	rBV	3055	4773	0.34%	0.037%
36	13.447	1689	1695	1701	rVB2	16800	25289	1.79%	0.195%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_G
ClientSampleId :
BGGF8

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_G\Methods\SFAM-EPA-BG110321.M
Title : SVOA CALIBRATION

37	13.717	1730	1741	1746	rBV	109336	183019	12.96%	1.408%
38	13.770	1746	1750	1764	rVB	72843	122651	8.69%	0.944%
39	14.034	1792	1795	1800	rVB3	1673	2076	0.15%	0.016%
40	14.199	1820	1823	1824	rBV2	3869	3392	0.24%	0.026%
41	14.246	1824	1831	1838	rVV	430711	652172	46.19%	5.019%
42	14.546	1875	1882	1891	rVB	462786	766357	54.28%	5.897%
43	14.704	1905	1909	1914	rBV3	2615	3332	0.24%	0.026%
44	14.851	1926	1934	1941	rVB	335555	537473	38.07%	4.136%
45	15.045	1961	1967	1979	rBV2	34799	75397	5.34%	0.580%
46	15.509	2042	2046	2049	rBV4	1706	1996	0.14%	0.015%
47	15.574	2051	2057	2061	rVV	37156	50907	3.61%	0.392%
48	15.644	2065	2069	2073	rVB3	9869	13905	0.98%	0.107%
49	15.838	2095	2102	2110	rBV	633415	976702	69.18%	7.516%
50	15.956	2116	2122	2132	rBV	217646	348156	24.66%	2.679%
51	16.073	2138	2142	2145	rBV4	1849	2381	0.17%	0.018%
52	16.197	2157	2163	2169	rVB	26403	46150	3.27%	0.355%
53	16.625	2232	2236	2241	rBV3	2564	4962	0.35%	0.038%
54	16.825	2264	2270	2278	rBB3	3736	6171	0.44%	0.047%
55	16.943	2283	2290	2293	rBV3	2867	5148	0.36%	0.040%
56	17.166	2320	2328	2331	rBV3	2549	4314	0.31%	0.033%
57	17.378	2362	2364	2368	rBV3	1473	2045	0.14%	0.016%
58	17.595	2394	2401	2411	rBV	442047	673103	47.68%	5.180%
59	17.695	2411	2418	2425	rBV	771339	1191826	84.42%	9.171%
60	17.848	2440	2444	2451	rVB	7792	9494	0.67%	0.073%
61	18.241	2505	2511	2516	rBV2	123966	166229	11.77%	1.279%
62	18.406	2536	2539	2545	rBV4	1537	2863	0.20%	0.022%
63	18.529	2556	2560	2563	rBV	17156	22069	1.56%	0.170%
64	18.570	2565	2567	2571	rVB4	3614	4089	0.29%	0.031%
65	18.635	2576	2578	2583	rVV4	1138	1832	0.13%	0.014%
66	18.711	2587	2591	2594	rVV4	1328	2644	0.19%	0.020%
67	18.982	2629	2637	2640	rBV4	4134	6406	0.45%	0.049%
68	19.052	2644	2649	2652	rVV3	2359	2985	0.21%	0.023%
69	19.311	2690	2693	2696	rBV3	2314	2537	0.18%	0.020%
70	19.387	2703	2706	2710	rVB3	11489	12313	0.87%	0.095%
71	19.534	2724	2731	2736	rBV4	11260	23104	1.64%	0.178%
72	19.610	2739	2744	2749	rBV	10042	15500	1.10%	0.119%
73	19.845	2782	2784	2788	rVV4	2264	2792	0.20%	0.021%
74	19.975	2796	2806	2815	rBV	970432	1411857	100.00%	10.865%
75	20.821	2947	2950	2951	rBV3	2499	2744	0.19%	0.021%
76	20.944	2969	2971	2972	rBV	3028	1909	0.14%	0.015%

LSC Area Percent Report

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Acq On : 12 Nov 2021 6:46
Operator : CG/JU
Sample : M4542-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGF8

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_G\Methods\SFAM-EPA-BG110321.M
Title : SVOA CALIBRATION

77	21.003	2979	2981	2985	rBV4	1560	2072	0.15%	0.016%
78	21.255	3023	3024	3026	rBV2	2119	1972	0.14%	0.015%
79	21.743	3103	3107	3112	rVV2	9862	13752	0.97%	0.106%
80	21.796	3114	3116	3120	rVB5	2876	3513	0.25%	0.027%
81	21.896	3125	3133	3143	rVV	390761	684117	48.46%	5.264%
82	22.049	3157	3159	3161	rBV3	2497	2497	0.18%	0.019%
83	22.695	3263	3269	3272	rBV5	7715	11956	0.85%	0.092%
84	23.071	3332	3333	3334	rBV	3100	2158	0.15%	0.017%
85	23.088	3334	3336	3337	rVV2	3708	2474	0.18%	0.019%
86	23.412	3383	3391	3400	rBV6	28266	68194	4.83%	0.525%
87	24.087	3504	3506	3507	rBV2	2755	2358	0.17%	0.018%
88	24.264	3531	3536	3546	rVB6	15083	35236	2.50%	0.271%
89	24.740	3616	3617	3620	rBV3	2107	1922	0.14%	0.015%
90	25.057	3660	3671	3683	rVB2	427829	1251185	88.62%	9.628%
91	25.298	3700	3712	3725	rVB3	225217	717990	50.85%	5.525%
92	25.815	3798	3800	3802	rBV2	2388	2171	0.15%	0.017%
93	25.950	3821	3823	3825	rBV4	2819	1817	0.13%	0.014%
94	26.461	3903	3910	3921	rVB4	17883	54676	3.87%	0.421%
95	27.883	4147	4152	4153	rBV4	12864	16029	1.14%	0.123%
96	28.453	4248	4249	4252	rBV3	2668	2789	0.20%	0.021%
97	28.952	4332	4334	4336	rBV3	2156	1821	0.13%	0.014%
98	29.146	4365	4367	4369	rBV3	2257	1779	0.13%	0.014%
99	29.634	4442	4450	4461	rVB8	11281	42429	3.01%	0.327%
100	31.120	4701	4703	4705	rBV2	1945	2074	0.15%	0.016%

Sum of corrected areas: 12995013

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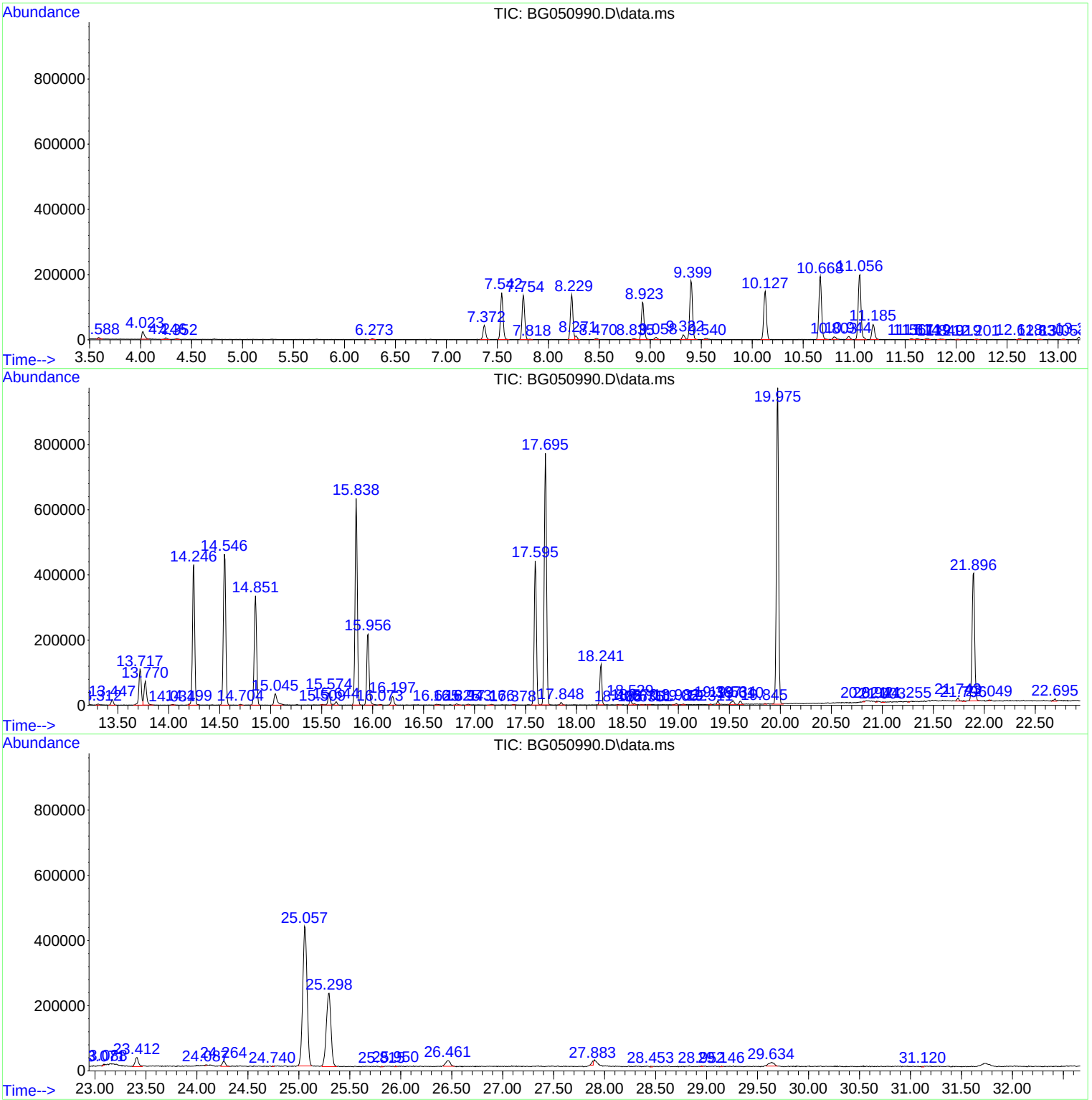
Sample : M4542-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGF8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050990.D
Acq On : 12 Nov 2021 6:46
Operator : CG/JU
Sample : M4542-12
Misc :
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Instrument :
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ClientSampleId :
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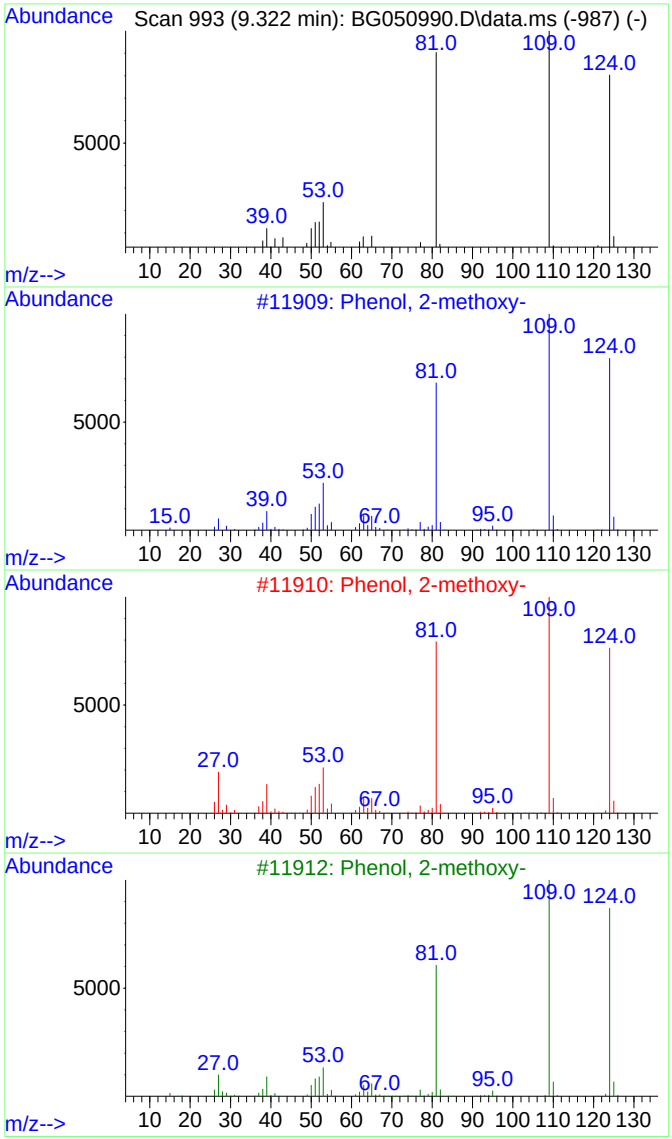
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

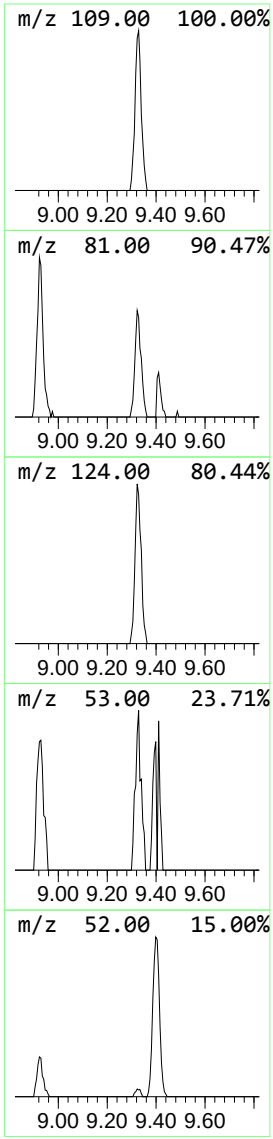
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Phenol, 2-methoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.322	2.18 ng/ul	25922	1,4-Dichlorobenzene-d4	8.229

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	83
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	83
5	5-Ethyl-2-furaldehyde	124	C7H8O2	023074-10-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050990.D
Acq On : 12 Nov 2021 6:46
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Sample : M4542-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGF8

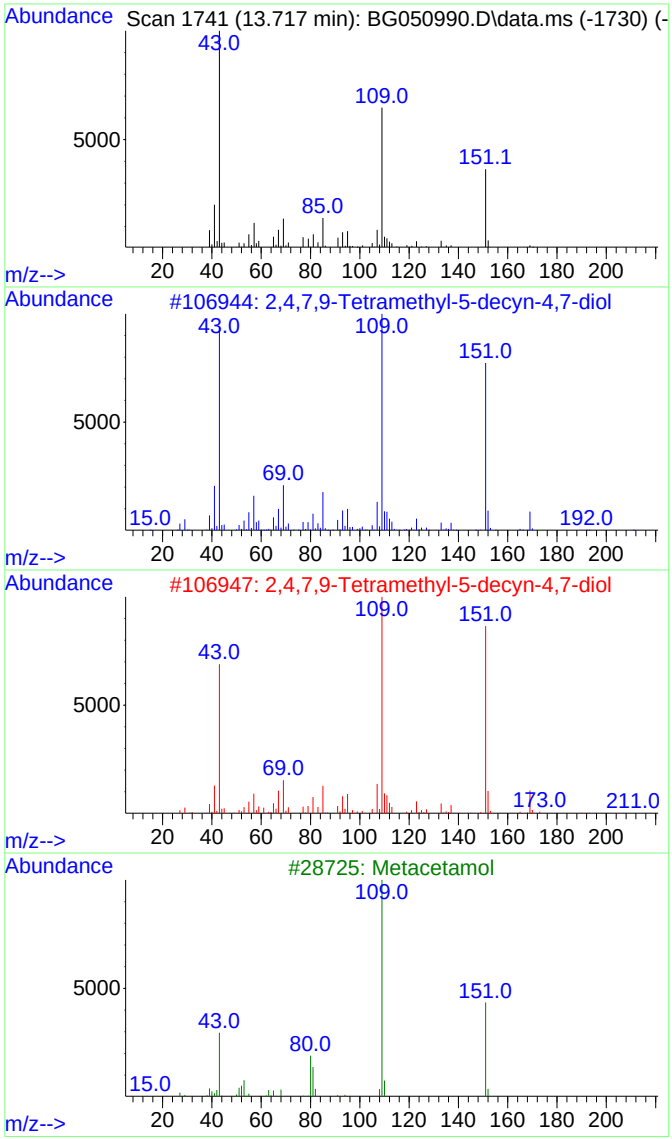
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

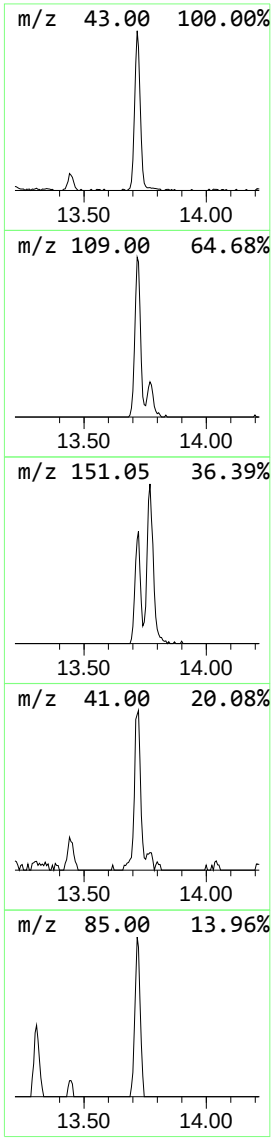
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.717	6.81 ng/ul	183019	Acenaphthene-d10	14.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	80
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	53
3	Metacetamol	151	C8H9NO2	000621-42-1	47
4	Benzenamine, 4-propoxy-	151	C9H13NO	004469-80-1	47
5	Acetaminophen	151	C8H9NO2	000103-90-2	47





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ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

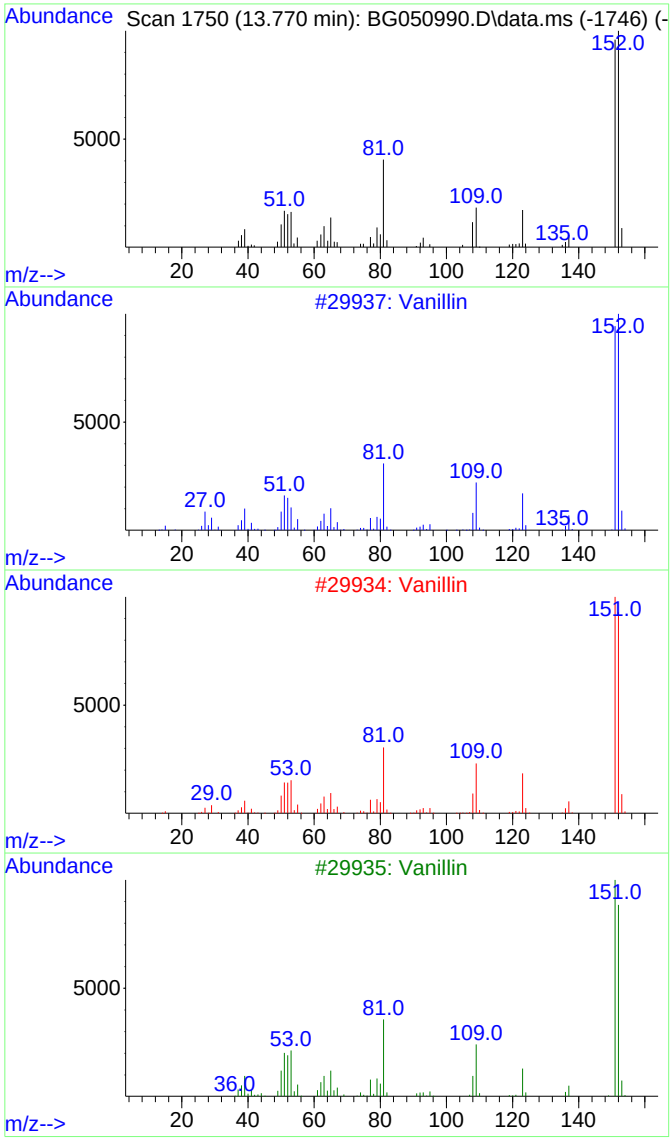
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

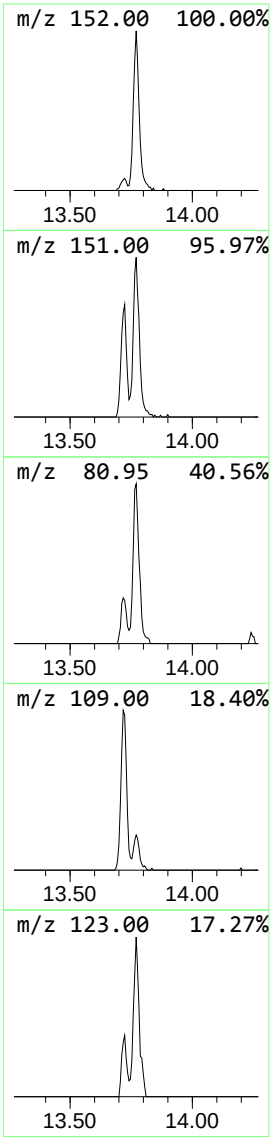
****

Peak Number 3 Vanillin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.770	4.56 ng/ul	122651	Acenaphthene-d10	14.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Vanillin	152	C8H8O3	000121-33-5	96
3	Vanillin	152	C8H8O3	000121-33-5	96
4	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96
5	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	94





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ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
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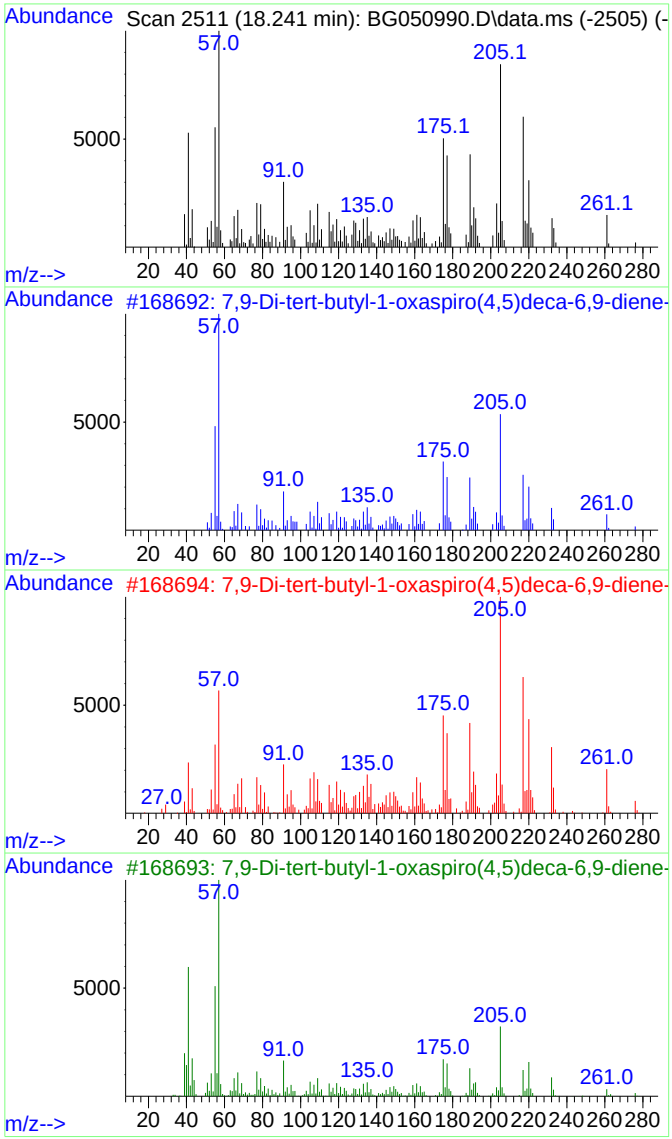
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

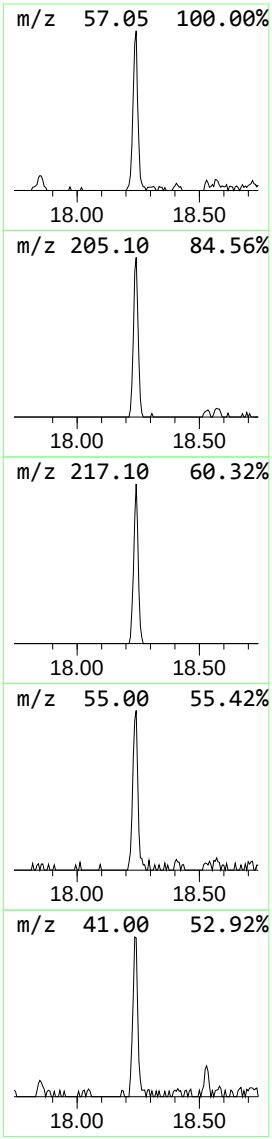
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.241	4.94 ng/ul	166229	Phenanthrene-d10	17.595

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	95
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	72
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	55
4	1-(3-Amino-4,6-dimethylthieno[2,...	220	C11H12N2OS	052505-42-7	50
5	(Z)-((2-Benzylideneheptyl)oxy)tr...	276	C17H28OSi	1000495-65-9	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
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Acq On : 12 Nov 2021 6:46
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ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGF8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.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
Phenol, 2-methoxy-	9.322	2.2	ng/ul	25922	1	8.229	238018	20.0
2,4,7,9-Tetrame...	13.717	6.8	ng/ul	183019	3	14.851	537473	20.0
Vanillin	13.770	4.6	ng/ul	122651	3	14.851	537473	20.0
7,9-Di-tert-but...	18.241	4.9	ng/ul	166229	4	17.595	673103	20.0