LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051558.D
Acq On : 16 Dec 2021 5:55
Operator : CG/JU
Sample : M4971-16
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG3E0

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-BG121421.M
Title : SVOA CALIBRATION

Signal : TIC: BG051558.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.602	15	19	27	rVB2	7041	12148	0.88%	0.103%
2	3.895	68	69	75	rVB	1091	1638	0.12%	0.014%
3	4.036	90	93	102	rBV2	14098	24862	1.80%	0.211%
4	4.383	147	152	158	rVB3	1948	3996	0.29%	0.034%
5	5.323	305	312	319	rBV2	6193	10420	0.76%	0.088%
6	5.716	376	379	384	rBV3	1597	2630	0.19%	0.022%
7	6.322	478	482	488	rVB3	2368	3870	0.28%	0.033%
8	6.891	576	579	585	rVB3	11222	16033	1.16%	0.136%
9	7.408	661	667	672	rBV	41554	70038	5.08%	0.594%
10	7.585	687	697	705	rVV	114127	194906	14.14%	1.652%
11	7.802	727	734	743	rBV	129437	220328	15.99%	1.867%
12	8.278	806	815	820	rBV	115475	191724	13.91%	1.625%
13	8.325	820	823	832	rVB3	13942	23717	1.72%	0.201%
14	8.865	912	915	917	rBV2	1829	1987	0.14%	0.017%
15	8.883	917	918	924	rVB2	2538	2707	0.20%	0.023%
16	8.971	924	933	941	rBV	113038	193388	14.03%	1.639%
17	9.100	950	955	962	rBV	8663	12701	0.92%	0.108%
18	9.382	996	1003	1007	rBV	16675	27734	2.01%	0.235%
19	9.447	1007	1014	1023	rVB	152751	284350	20.63%	2.410%
20	10.175	1131	1138	1145	rVB	127420	235179	17.07%	1.993%
21	10.293	1152	1158	1164	rVB3	2905	6461	0.47%	0.055%
22	10.721	1222	1231	1239	rBV	197929	353703	25.67%	2.997%
23	11.009	1274	1280	1288	rVB4	7050	12727	0.92%	0.108%
24	11.115	1291	1298	1305	rBV	154978	272466	19.77%	2.309%
25	11.233	1312	1318	1325	rBV2	25404	48731	3.54%	0.413%
26	11.450	1347	1355	1363	rBV	64409	114730	8.33%	0.972%
27	12.261	1490	1493	1497	rVB2	2513	3112	0.23%	0.026%
28	12.360	1504	1510	1516	rVB	41061	67899	4.93%	0.575%
29	12.678	1561	1564	1565	rBV2	3441	3616	0.26%	0.031%
30	12.824	1585	1589	1593	rBV	853	1736	0.13%	0.015%
31	13.277	1661	1666	1671	rBV3	2206	3586	0.26%	0.030%
32	13.524	1703	1708	1712	rBV2	3467	6139	0.45%	0.052%
33	13.747	1741	1746	1750	rVB	2648	3892	0.28%	0.033%
34	13.817	1750	1758	1764	rBV	29839	49826	3.62%	0.422%
35	14.305	1833	1841	1847	rBV	416931	624738	45.33%	5.294%
36	14.552	1879	1883	1885	rBV2	1701	2300	0.17%	0.019%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051558.D
Acq On : 16 Dec 2021 5:55
Operator : CG/JU
Sample : M4971-16
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BG3E0

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-BG121421.M
Title : SVOA CALIBRATION

37	14.604	1885	1892	1900	rVV	432591	691316	50.17%	5.858%
38	14.675	1902	1904	1908	rBV2	1689	2107	0.15%	0.018%
39	14.745	1911	1916	1920	rBV3	2820	4073	0.30%	0.035%
40	14.910	1937	1944	1951	rVB	270305	422137	30.63%	3.577%
41	14.980	1951	1956	1961	rBV4	4529	6177	0.45%	0.052%
42	15.063	1964	1970	1978	rBV2	54038	89118	6.47%	0.755%
43	15.133	1978	1982	1984	rBV2	1320	1865	0.14%	0.016%
44	15.298	2006	2010	2014	rBV5	3574	5253	0.38%	0.045%
45	15.574	2052	2057	2061	rBV3	3263	5476	0.40%	0.046%
46	15.632	2061	2067	2074	rVV	30217	43141	3.13%	0.366%
47	15.697	2074	2078	2082	rVV4	3893	6373	0.46%	0.054%
48	15.903	2106	2113	2120	rBV	581933	916828	66.53%	7.770%
49	15.997	2123	2129	2136	rBV	215907	310677	22.54%	2.633%
50	16.138	2150	2153	2158	rVB3	3129	3645	0.26%	0.031%
51	16.255	2167	2173	2178	rVB4	5417	9824	0.71%	0.083%
52	16.379	2190	2194	2197	rBV3	1196	1859	0.13%	0.016%
53	16.467	2208	2209	2213	rVB2	1743	1981	0.14%	0.017%
54	16.561	2221	2225	2229	rVB2	1873	3631	0.26%	0.031%
55	16.684	2243	2246	2251	rVB3	1707	2568	0.19%	0.022%
56	16.754	2254	2258	2261	rVB2	1259	1586	0.12%	0.013%
57	16.819	2266	2269	2273	rVB4	1778	2488	0.18%	0.021%
58	16.860	2273	2276	2279	rBV2	1215	1605	0.12%	0.014%
59	16.931	2286	2288	2293	rVB2	1210	1697	0.12%	0.014%
60	17.236	2338	2340	2346	rVB2	2089	3878	0.28%	0.033%
61	17.436	2372	2374	2378	rVB3	2762	3516	0.26%	0.030%
62	17.595	2397	2401	2403	rBV4	1761	1948	0.14%	0.017%
63	17.659	2405	2412	2419	rBV	370944	576089	41.80%	4.882%
64	17.759	2422	2429	2436	rBV2	730429	1140741	82.78%	9.667%
65	17.941	2453	2460	2464	rVB5	2666	5260	0.38%	0.045%
66	18.235	2506	2510	2513	rBV6	2184	3119	0.23%	0.026%
67	18.317	2517	2524	2530	rVV2	120180	163344	11.85%	1.384%
68	18.364	2530	2532	2534	rVB2	1794	1665	0.12%	0.014%
69	18.440	2542	2545	2547	rBV3	2326	1715	0.12%	0.015%
70	18.523	2554	2559	2563	rBV3	26771	34969	2.54%	0.296%
71	18.605	2570	2573	2577	rVB5	3050	3394	0.25%	0.029%
72	18.640	2577	2579	2581	rBV	2106	2193	0.16%	0.019%
73	18.705	2588	2590	2593	rVB4	2091	1962	0.14%	0.017%
74	18.734	2593	2595	2596	rBV2	1890	1598	0.12%	0.014%
75	18.793	2601	2605	2608	rVB6	3002	3084	0.22%	0.026%
76	18.928	2626	2628	2630	rVB	2685	2261	0.16%	0.019%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051558.D
Acq On : 16 Dec 2021 5:55
Operator : CG/JU
Sample : M4971-16
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BG3E0

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-BG121421.M
Title : SVOA CALIBRATION

77	18.946	2630	2631	2634	rBV2	2791	3175	0.23%	0.027%
78	19.122	2657	2661	2665	rBV5	4142	8476	0.62%	0.072%
79	19.157	2665	2667	2669	rVV	3326	2534	0.18%	0.021%
80	19.228	2677	2679	2682	rVB4	2831	2414	0.18%	0.020%
81	19.251	2682	2683	2685	rBV2	2126	1898	0.14%	0.016%
82	19.451	2713	2717	2719	rBV4	3165	3676	0.27%	0.031%
83	19.510	2725	2727	2730	rVB4	2395	2147	0.16%	0.018%
84	19.557	2730	2735	2736	rBV4	2552	3598	0.26%	0.030%
85	19.598	2739	2742	2748	rVV4	11617	15652	1.14%	0.133%
86	19.662	2749	2753	2757	rVV2	9469	16015	1.16%	0.136%
87	19.786	2770	2774	2780	rBV3	37159	50290	3.65%	0.426%
88	19.944	2797	2801	2805	rVB6	8200	11103	0.81%	0.094%
89	20.032	2809	2816	2823	rBV	937148	1378061	100.00%	11.678%
90	20.549	2901	2904	2906	rBV4	9601	9136	0.66%	0.077%
91	20.602	2911	2913	2916	rBV4	5351	6174	0.45%	0.052%
92	20.978	2975	2977	2981	rVB5	15225	19042	1.38%	0.161%
93	21.055	2987	2990	2995	rVB4	15206	21643	1.57%	0.183%
94	21.589	3079	3081	3087	rVB2	22821	29051	2.11%	0.246%
95	21.977	3140	3147	3155	rBV	352648	621095	45.07%	5.263%
96	22.182	3178	3182	3188	rVB4	23507	37660	2.73%	0.319%
97	22.852	3291	3296	3299	rVB6	19788	34176	2.48%	0.290%
98	24.509	3573	3578	3584	rVB7	19055	40313	2.93%	0.342%
99	25.231	3690	3701	3713	rVB2	437680	1288747	93.52%	10.921%
100	25.472	3732	3742	3752	rBV2	199062	598036	43.40%	5.068%

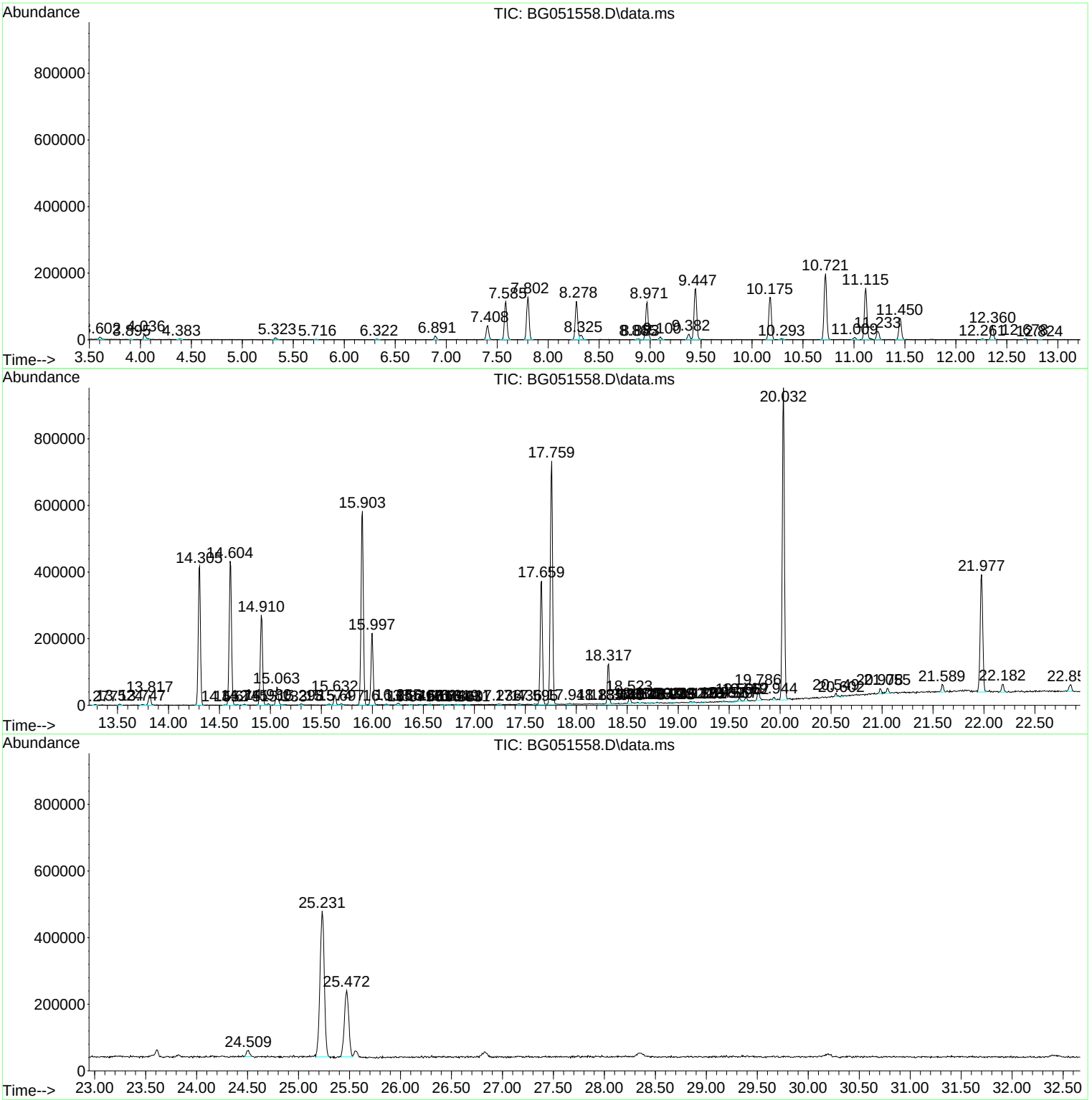
Sum of corrected areas: 11800291

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051558.D
Acq On : 16 Dec 2021 5:55
Operator : CG/JU
Sample : M4971-16
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BG3E0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051558.D
Acq On : 16 Dec 2021 5:55
Operator : CG/JU
Sample : M4971-16
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BG3E0

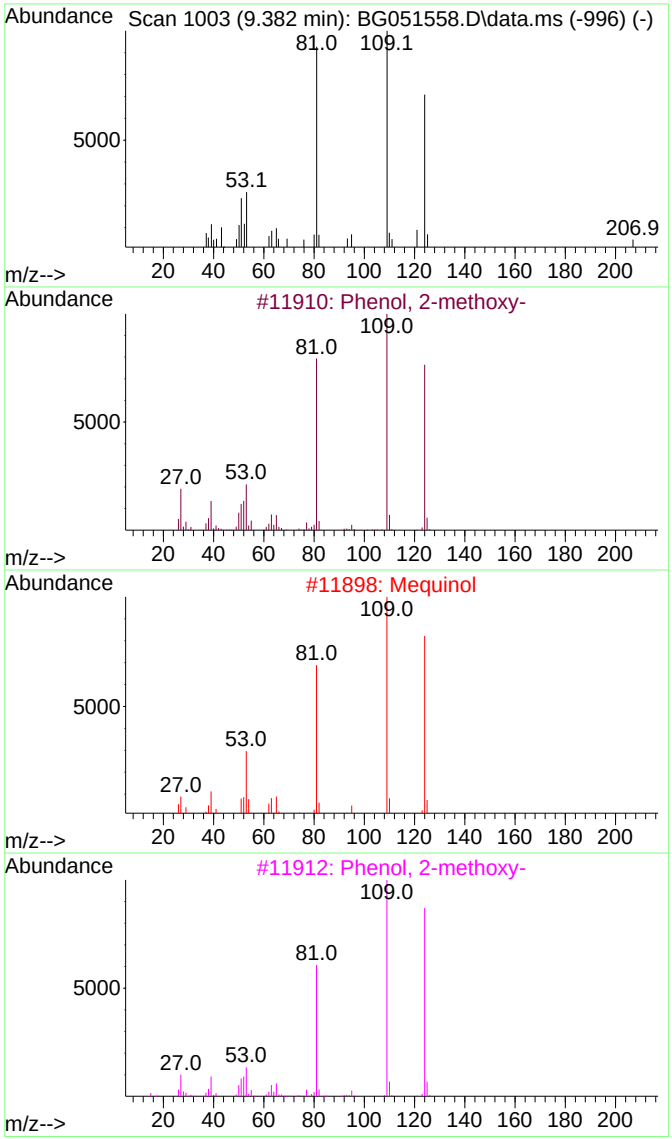
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

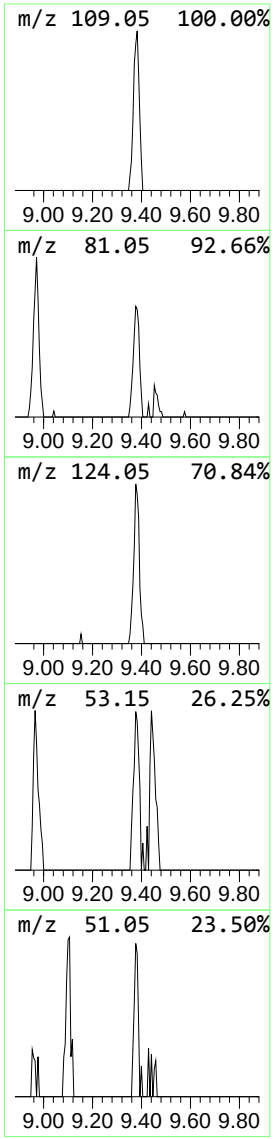
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Phenol, 2-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.382	2.89 ng/ul	27734	1,4-Dichlorobenzene-d4	8.278

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	87
2	Mequinol	124	C7H8O2	000150-76-5	87
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	72
4	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	59
5	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051558.D
Acq On : 16 Dec 2021 5:55
Operator : CG/JU
Sample : M4971-16
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BG3E0

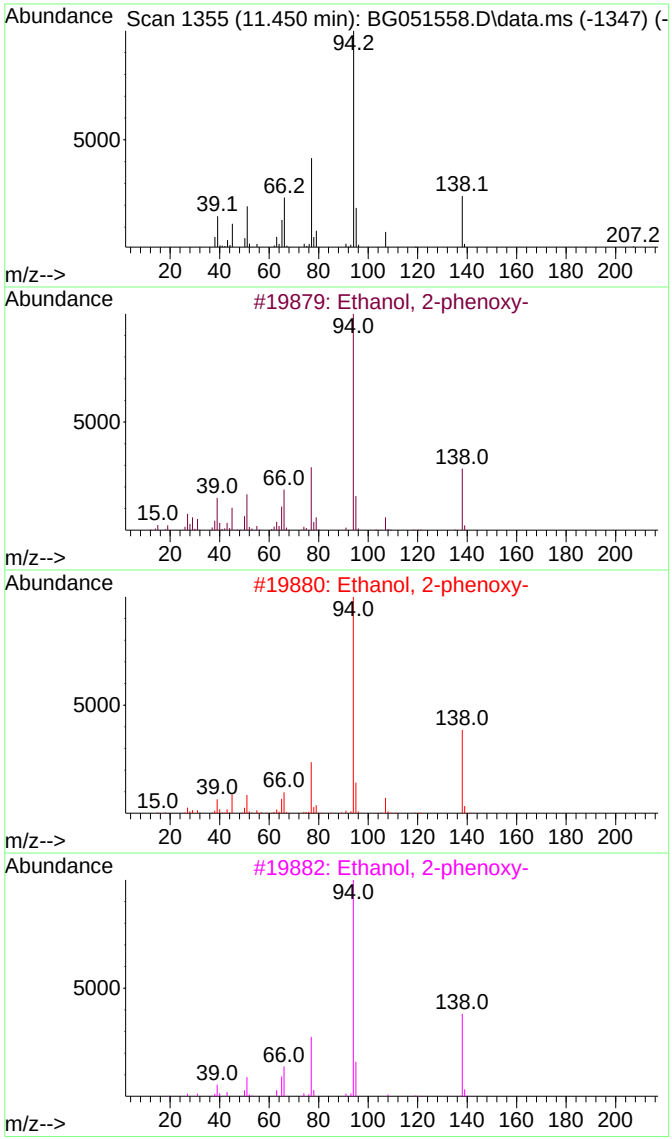
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

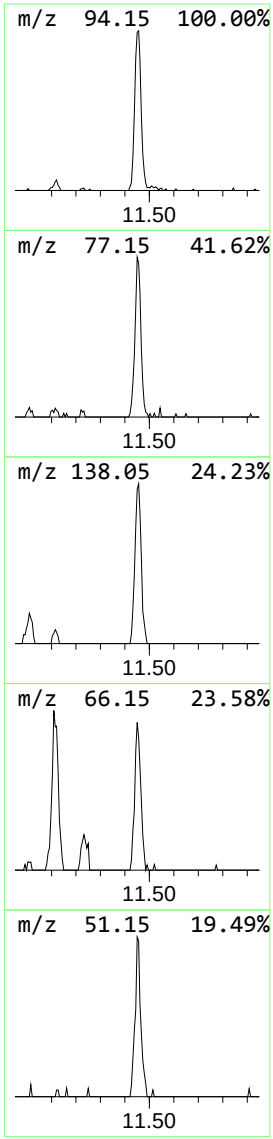
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-phenoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.450	8.42 ng/ul	114730	Naphthalene-d8	11.115

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	95
2	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	91
3	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	90
4	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	70
5	Benzene, ethoxy-	122	C8H10O	000103-73-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051558.D
Acq On : 16 Dec 2021 5:55
Operator : CG/JU
Sample : M4971-16
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BG3E0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

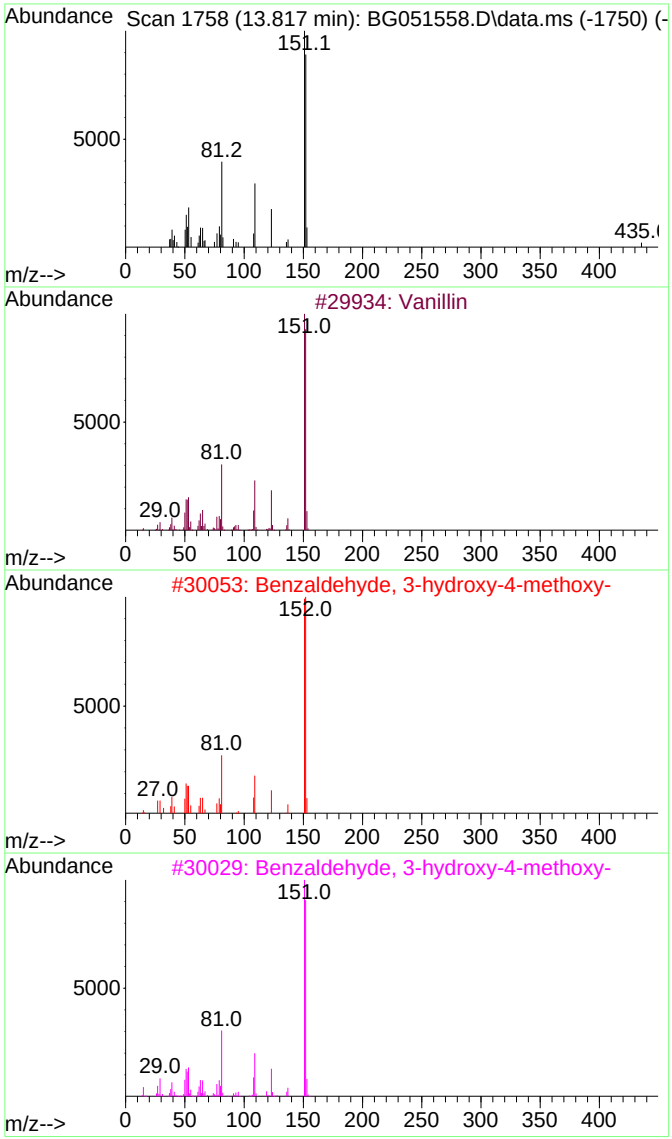
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

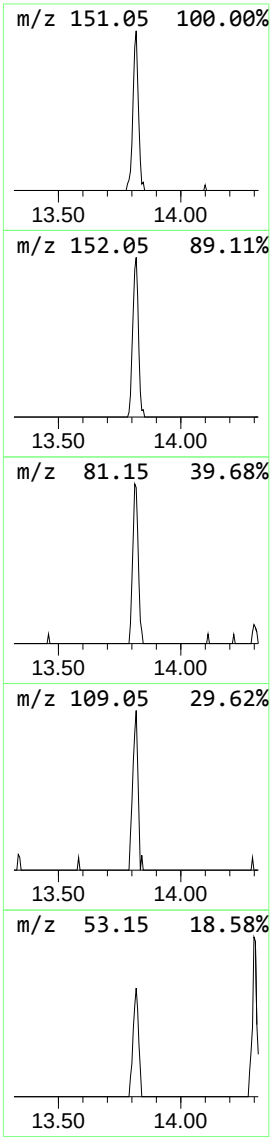
****

Peak Number 3 Vanillin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.817	2.36 ng/ul	49826	Acenaphthene-d10	14.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	93
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	90
3	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	90
4	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	87
5	Vanillin	152	C8H8O3	000121-33-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051558.D
Acq On : 16 Dec 2021 5:55
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Sample : M4971-16
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BG3E0

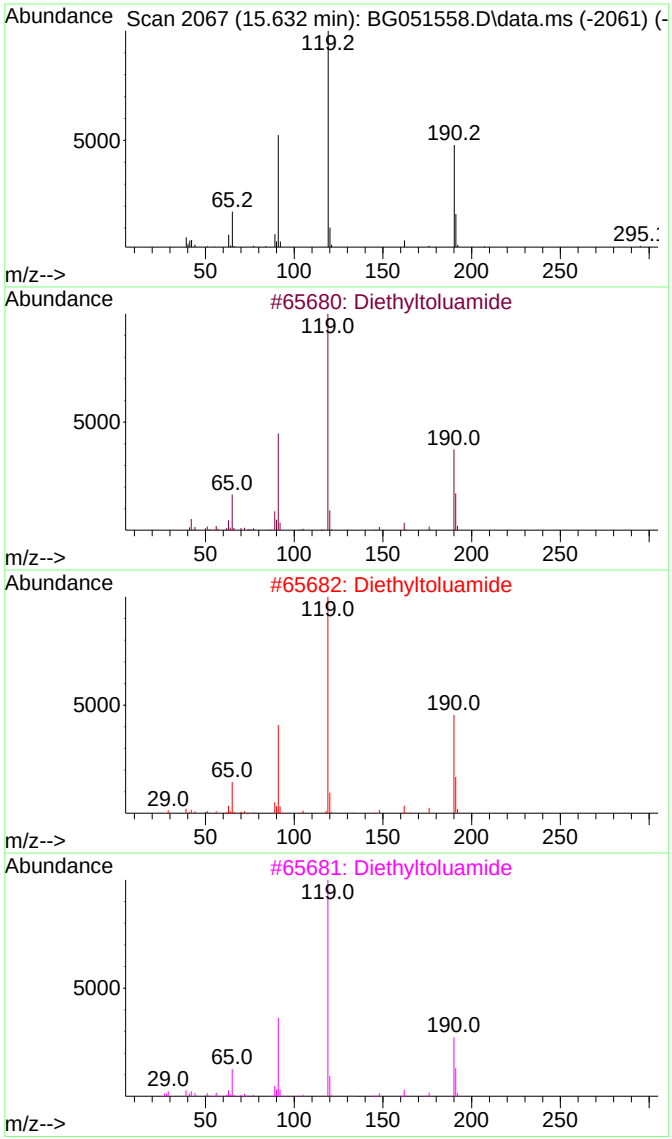
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

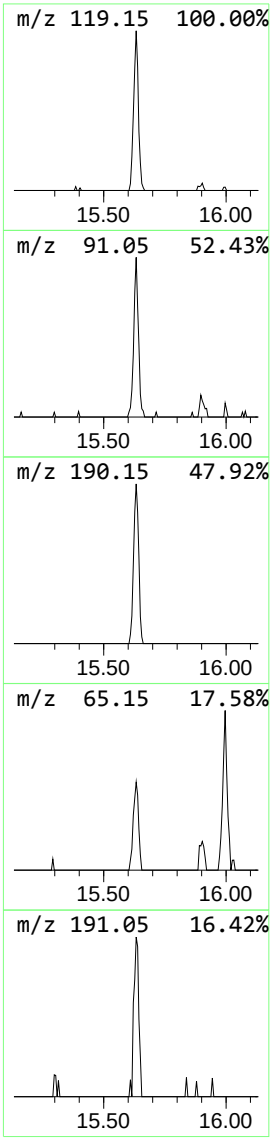
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Diethyltoluamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.633	2.04 ng/ul	43141	Acenaphthene-d10	14.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	95
2	Diethyltoluamide	191	C12H17NO	000134-62-3	94
3	Diethyltoluamide	191	C12H17NO	000134-62-3	94
4	Diethyltoluamide	191	C12H17NO	000134-62-3	81
5	Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051558.D
Acq On : 16 Dec 2021 5:55
Operator : CG/JU
Sample : M4971-16
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BG3E0

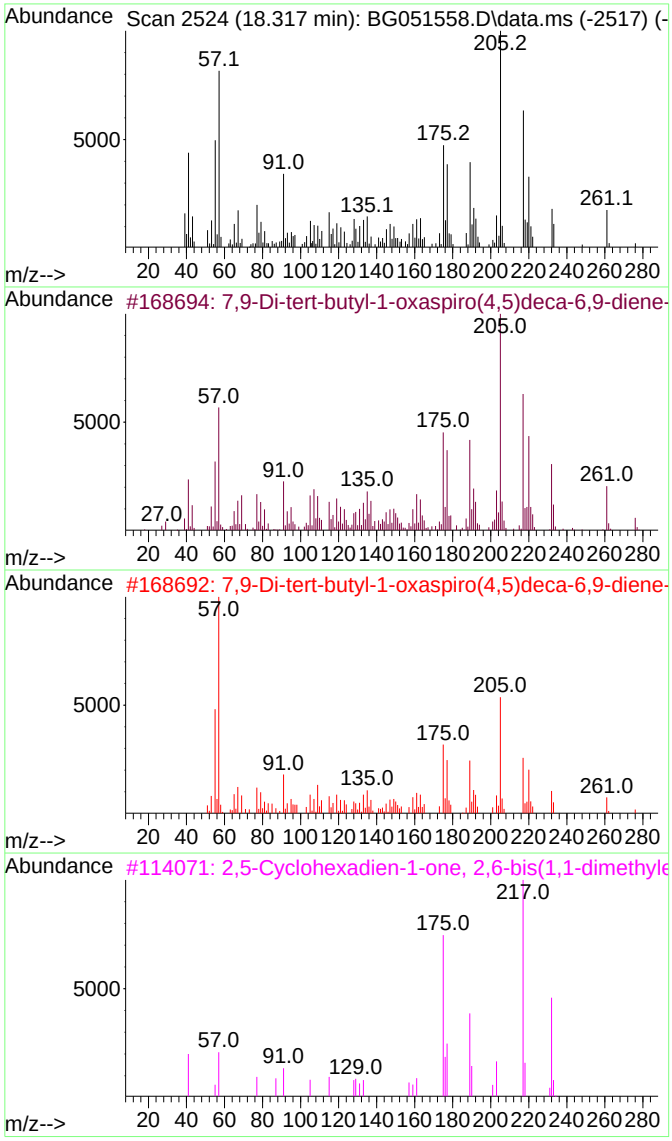
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

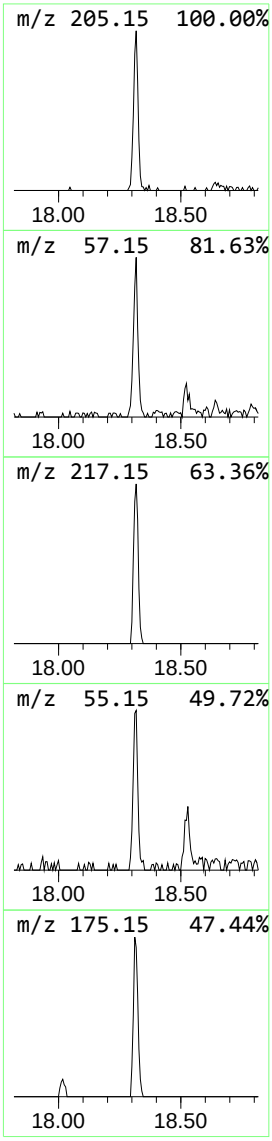
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.317	5.67 ng/ul	163344	Phenanthrene-d10	17.659

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	95
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	49
4	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	49
5	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051558.D
Acq On : 16 Dec 2021 5:55
Operator : CG/JU
Sample : M4971-16
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BG3E0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.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-	9.382	2.9	ng/ul	27734	1	8.278	191724	20.0
Ethanol, 2-phen...	11.450	8.4	ng/ul	114730	2	11.115	272466	20.0
Vanillin	13.817	2.4	ng/ul	49826	3	14.910	422137	20.0
Diethyltoluamide	15.633	2.0	ng/ul	43141	3	14.910	422137	20.0
7,9-Di-tert-but...	18.317	5.7	ng/ul	163344	4	17.659	576089	20.0