LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050989.D
Acq On : 12 Nov 2021 6:05
Operator : CG/JU
Sample : M4542-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGGF7

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: BG050989.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.593	13	18	23	rVB2	4540	6446	0.47%	0.043%
2	4.022	86	91	102	rBV	46009	83734	6.09%	0.556%
3	4.251	122	130	135	rBV2	5938	8773	0.64%	0.058%
4	4.357	142	148	157	rBV6	2719	5376	0.39%	0.036%
5	4.721	205	210	216	rVB5	1495	2893	0.21%	0.019%
6	5.590	353	358	365	rVB	31586	47479	3.45%	0.316%
7	5.726	379	381	388	rVB4	3072	5232	0.38%	0.035%
8	6.254	465	471	480	rBV4	11155	26396	1.92%	0.175%
9	7.171	623	627	633	rBV5	1483	3195	0.23%	0.021%
10	7.253	633	641	642	rVV2	2098	3242	0.24%	0.022%
11	7.300	644	649	655	rVV7	3692	9378	0.68%	0.062%
12	7.371	655	661	676	rVB3	46668	101165	7.36%	0.672%
13	7.541	683	690	703	rVV	145267	249362	18.14%	1.657%
14	7.753	720	726	736	rBV	137859	246891	17.96%	1.641%
15	8.229	800	807	812	rBV	146959	256271	18.64%	1.703%
16	8.270	812	814	822	rVB2	36472	50919	3.70%	0.338%
17	8.469	842	848	859	rBV2	15322	31299	2.28%	0.208%
18	8.840	903	911	918	rBV3	18442	36150	2.63%	0.240%
19	8.928	919	926	934	rVV	114665	207643	15.11%	1.380%
20	9.057	944	948	957	rVB2	8564	14880	1.08%	0.099%
21	9.327	987	994	1000	rBV	134369	238916	17.38%	1.588%
22	9.404	1000	1007	1022	rVB	180709	344219	25.04%	2.288%
23	9.545	1025	1031	1036	rBV4	9947	18098	1.32%	0.120%
24	9.944	1093	1099	1104	rBV4	3705	5546	0.40%	0.037%
25	10.126	1123	1130	1140	rBV	150431	273621	19.91%	1.818%
26	10.250	1145	1151	1152	rBV	3896	5744	0.42%	0.038%
27	10.373	1163	1172	1175	rBV6	3615	8706	0.63%	0.058%
28	10.461	1184	1187	1189	rBV2	2609	3320	0.24%	0.022%
29	10.496	1189	1193	1198	rVB3	3105	5791	0.42%	0.038%
30	10.667	1214	1222	1231	rBV	201464	364287	26.50%	2.421%
31	10.814	1241	1247	1252	rBV4	5947	12195	0.89%	0.081%
32	10.949	1264	1270	1277	rBV3	39443	70421	5.12%	0.468%
33	11.055	1280	1288	1293	rBV	208389	387331	28.18%	2.574%
34	11.184	1302	1310	1322	rBV	183652	353919	25.75%	2.352%
35	11.407	1344	1348	1356	rBV4	2248	4880	0.36%	0.032%
36	11.560	1367	1374	1379	rBV	9050	15642	1.14%	0.104%

LSC Area Percent Report

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Sample : M4542-11
Misc :
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Instrument :
BNA_G
ClientSampleId :
BGGF7

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	11.619	1379	1384	1394	rVV	9967	19489	1.42%	0.130%
38	11.713	1394	1400	1406	rVB3	7870	14676	1.07%	0.098%
39	11.783	1406	1412	1416	rBV4	2374	3991	0.29%	0.027%
40	11.830	1416	1420	1433	rBV4	18307	43245	3.15%	0.287%
41	11.942	1435	1439	1446	rVB4	2757	5539	0.40%	0.037%
42	12.024	1446	1453	1458	rBV4	6456	13158	0.96%	0.087%
43	12.200	1477	1483	1486	rBV	12831	20627	1.50%	0.137%
44	12.318	1498	1503	1511	rBV6	5647	10408	0.76%	0.069%
45	12.623	1550	1555	1559	rVB4	4306	6906	0.50%	0.046%
46	12.817	1581	1588	1597	rVB	25387	36120	2.63%	0.240%
47	12.917	1599	1605	1608	rVB2	3280	4667	0.34%	0.031%
48	13.046	1620	1627	1633	rBV3	4408	7687	0.56%	0.051%
49	13.135	1640	1642	1648	rVV5	2573	3895	0.28%	0.026%
50	13.205	1648	1654	1666	rVV	31096	62049	4.51%	0.412%
51	13.299	1666	1670	1674	rVV	7166	13060	0.95%	0.087%
52	13.334	1674	1676	1680	rVV3	3607	5058	0.37%	0.034%
53	13.446	1689	1695	1703	rBV	61965	97606	7.10%	0.649%
54	13.722	1731	1742	1745	rBV	67671	112316	8.17%	0.746%
55	13.769	1745	1750	1761	rVV	383884	618934	45.03%	4.113%
56	14.039	1792	1796	1800	rBV	3459	4047	0.29%	0.027%
57	14.204	1819	1824	1825	rBV4	6567	8406	0.61%	0.056%
58	14.245	1825	1831	1844	rVB	439602	646563	47.04%	4.297%
59	14.551	1876	1883	1893	rVB	462532	762108	55.44%	5.065%
60	14.697	1902	1908	1915	rBV2	29396	48541	3.53%	0.323%
61	14.850	1927	1934	1941	rVB	338927	542301	39.45%	3.604%
62	15.050	1961	1968	1973	rBV2	33992	65013	4.73%	0.432%
63	15.150	1983	1985	1992	rVB2	3854	6008	0.44%	0.040%
64	15.508	2039	2046	2050	rVV2	4936	9768	0.71%	0.065%
65	15.567	2050	2056	2062	rVV	314753	455212	33.12%	3.025%
66	15.643	2062	2069	2076	rVB4	15795	29843	2.17%	0.198%
67	15.837	2095	2102	2112	rBV	594042	944914	68.74%	6.280%
68	15.955	2114	2122	2130	rBV	206198	317400	23.09%	2.109%
69	16.196	2155	2163	2170	rBV2	12667	23276	1.69%	0.155%
70	16.536	2214	2221	2225	rVB7	1835	3725	0.27%	0.025%
71	16.619	2233	2235	2241	rBV3	1946	3689	0.27%	0.025%
72	16.824	2265	2270	2274	rBV3	6788	10673	0.78%	0.071%
73	16.930	2286	2288	2293	rBV4	3638	5361	0.39%	0.036%
74	17.171	2323	2329	2334	rVB6	2956	5334	0.39%	0.035%
75	17.594	2394	2401	2411	rVV	436308	669852	48.73%	4.452%
76	17.694	2411	2418	2426	rVB2	733838	1150459	83.69%	7.645%

LSC Area Percent Report

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Acq On : 12 Nov 2021 6:05
Operator : CG/JU
Sample : M4542-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGF7

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

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Peak separation: 5

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

77	17.770	2426	2431	2437	rBV4	12563	20989	1.53%	0.139%
78	17.847	2440	2444	2449	rVB2	5966	7616	0.55%	0.051%
79	18.240	2505	2511	2516	rBV	167614	230060	16.74%	1.529%
80	18.528	2552	2560	2564	rBV	12543	16613	1.21%	0.110%
81	18.569	2564	2567	2571	rVB3	3748	3592	0.26%	0.024%
82	18.716	2588	2592	2595	rBV3	3788	3625	0.26%	0.024%
83	19.045	2643	2648	2652	rVB3	5415	7881	0.57%	0.052%
84	19.533	2723	2731	2738	rBV3	10592	18023	1.31%	0.120%
85	19.609	2740	2744	2748	rVB2	10570	14234	1.04%	0.095%
86	19.974	2799	2806	2813	rVV	908461	1374625	100.00%	9.135%
87	20.837	2950	2953	2955	rBV4	2955	4019	0.29%	0.027%
88	20.955	2968	2973	2978	rBV	72596	99099	7.21%	0.659%
89	21.172	3006	3010	3012	rVB4	3559	4451	0.32%	0.030%
90	21.296	3028	3031	3036	rVB3	8594	9798	0.71%	0.065%
91	21.489	3059	3064	3074	rBV8	20077	55417	4.03%	0.368%
92	21.736	3103	3106	3113	rVB2	15511	22056	1.60%	0.147%
93	21.889	3125	3132	3142	rVB	394608	678145	49.33%	4.507%
94	22.682	3265	3267	3271	rVB4	4629	5357	0.39%	0.036%
95	23.399	3383	3389	3400	rVB3	36112	84006	6.11%	0.558%
96	24.257	3529	3535	3543	rVB6	12454	31107	2.26%	0.207%
97	25.056	3659	3671	3683	rBV2	432985	1247220	90.73%	8.289%
98	25.285	3698	3710	3721	rBV2	222263	687093	49.98%	4.566%
99	26.460	3903	3910	3919	rVB5	16831	49432	3.60%	0.329%
100	27.888	4145	4153	4167	rVB5	14162	51800	3.77%	0.344%

Sum of corrected areas: 15047542

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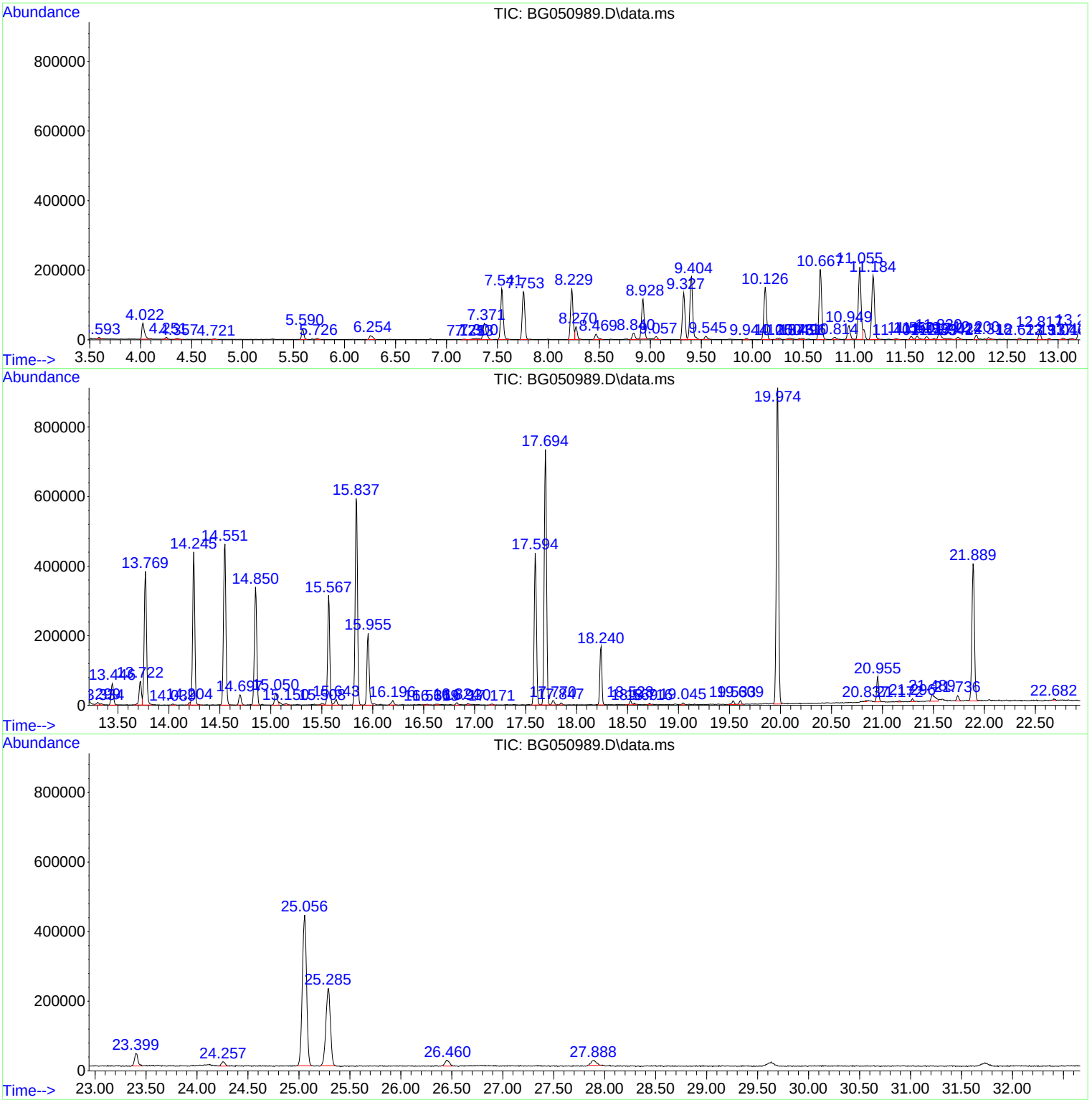
Sample : M4542-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGF7

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 : BG050989.D
Acq On : 12 Nov 2021 6:05
Operator : CG/JU
Sample : M4542-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

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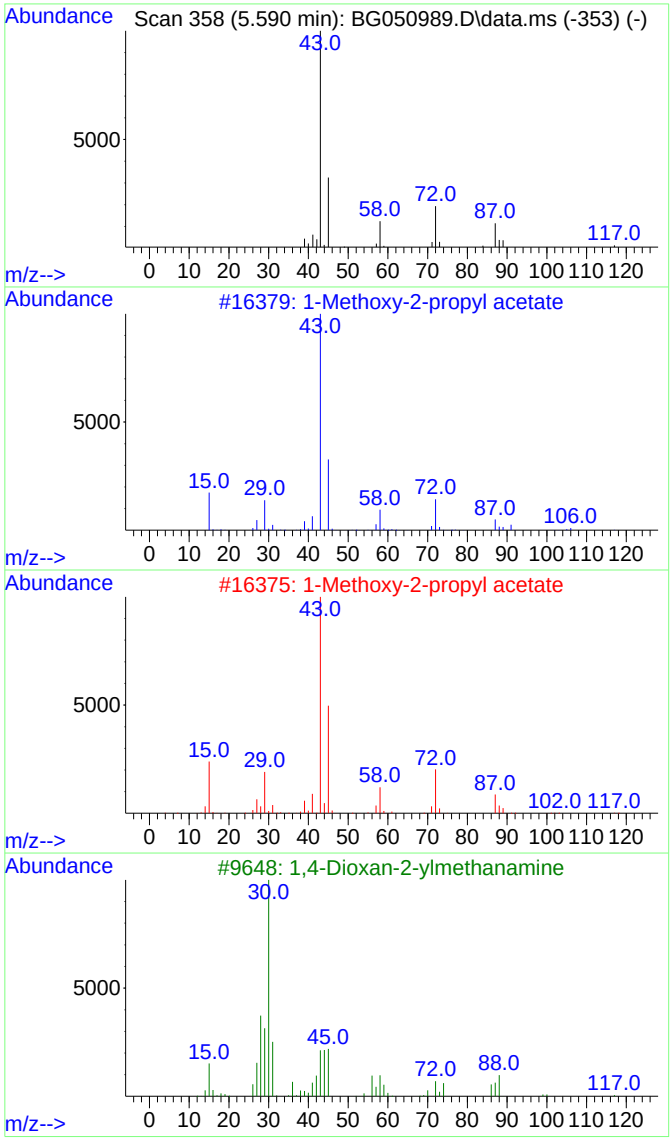
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

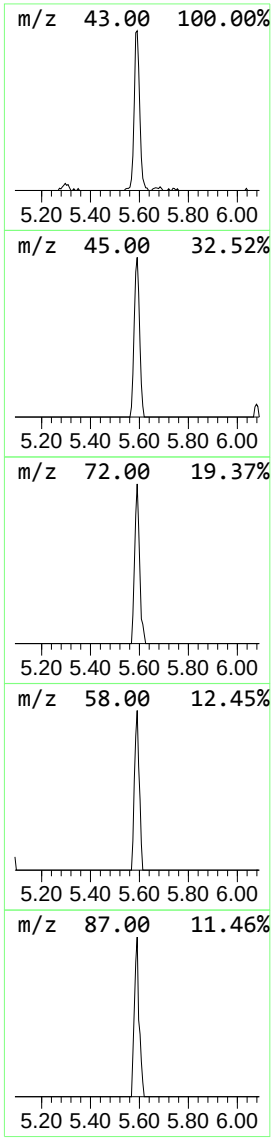
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Methoxy-2-propyl acetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.590	3.71 ng/ul	47479	1,4-Dichlorobenzene-d4	8.229

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methoxy-2-propyl acetate	132	C6H12O3	000108-65-6	83
2	1-Methoxy-2-propyl acetate	132	C6H12O3	000108-65-6	45
3	1,4-Dioxan-2-ylmethanamine	117	C5H11NO2	088277-83-2	33
4	Hydrazine, 2-propenyl-	72	C3H8N2	007422-78-8	9
5	Propanal, 2-methyl-	72	C4H8O	000078-84-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050989.D
Acq On : 12 Nov 2021 6:05
Operator : CG/JU
Sample : M4542-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGF7

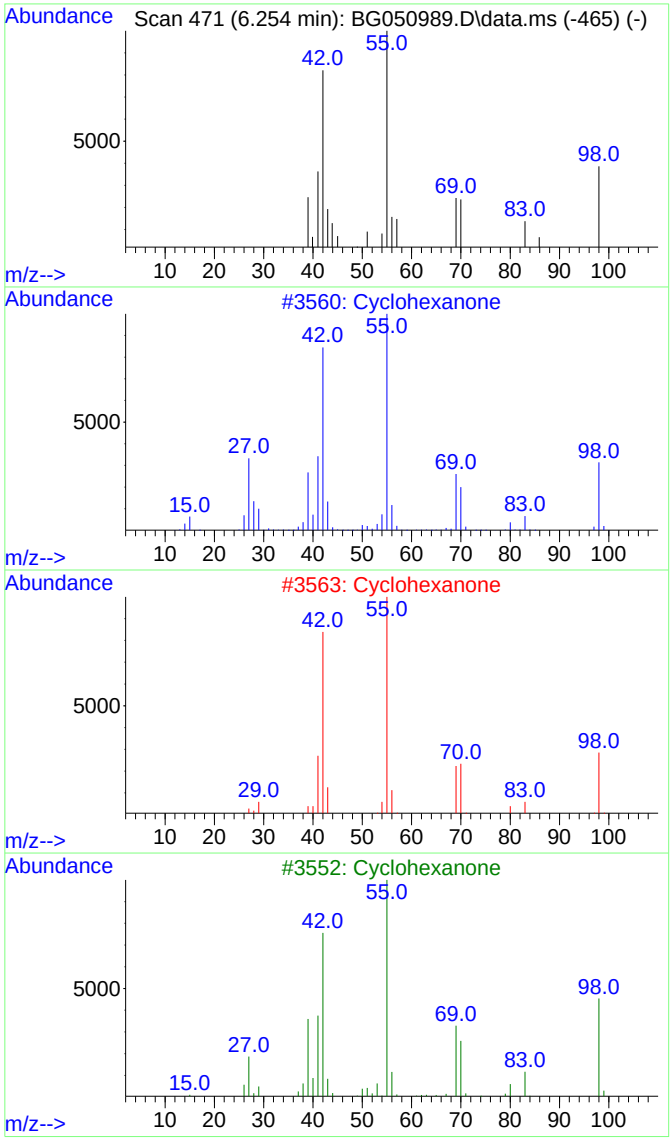
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

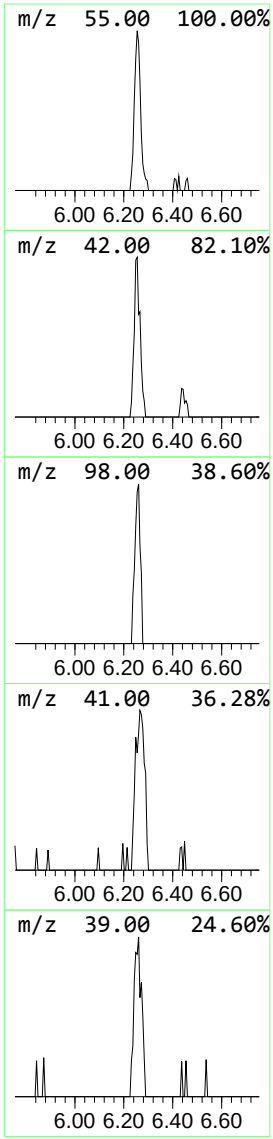
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexanone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.254	2.06 ng/ul	26396	1,4-Dichlorobenzene-d4	8.229

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	80
2	Cyclohexanone	98	C6H10O	000108-94-1	80
3	Cyclohexanone	98	C6H10O	000108-94-1	80
4	Cyclohexanone	98	C6H10O	000108-94-1	72
5	Cyclohexanone	98	C6H10O	000108-94-1	52





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ALS Vial : 28 Sample Multiplier: 1

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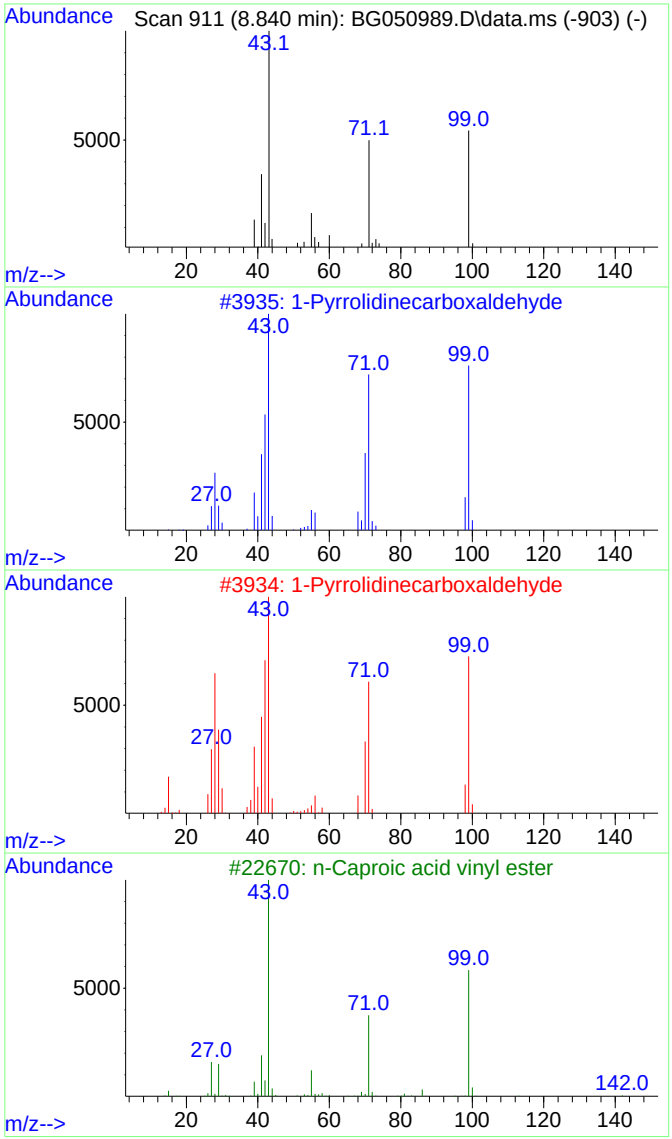
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

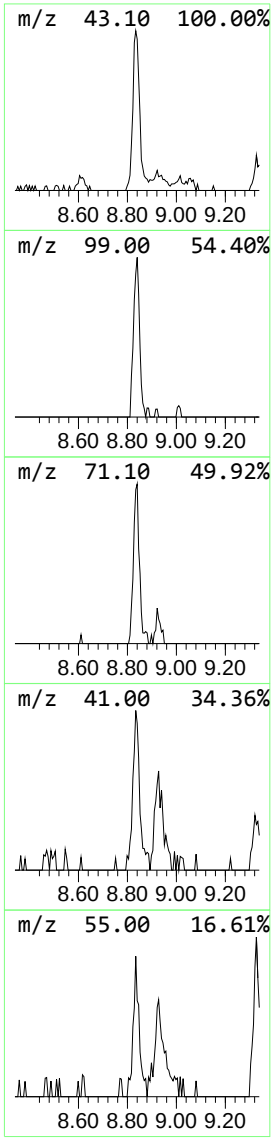
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Pyrrolidinecarboxaldehyde Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.840	2.82 ng/ul	36150	1,4-Dichlorobenzene-d4	8.229

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pyrrolidinecarboxaldehyde	99	C5H9NO	003760-54-1	64
2	1-Pyrrolidinecarboxaldehyde	99	C5H9NO	003760-54-1	59
3	n-Caproic acid vinyl ester	142	C8H14O2	003050-69-9	56
4	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	56
5	2-Pentene, 5-(pentyloxy)-, (E)-	156	C10H20O	056052-85-8	56





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ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGF7

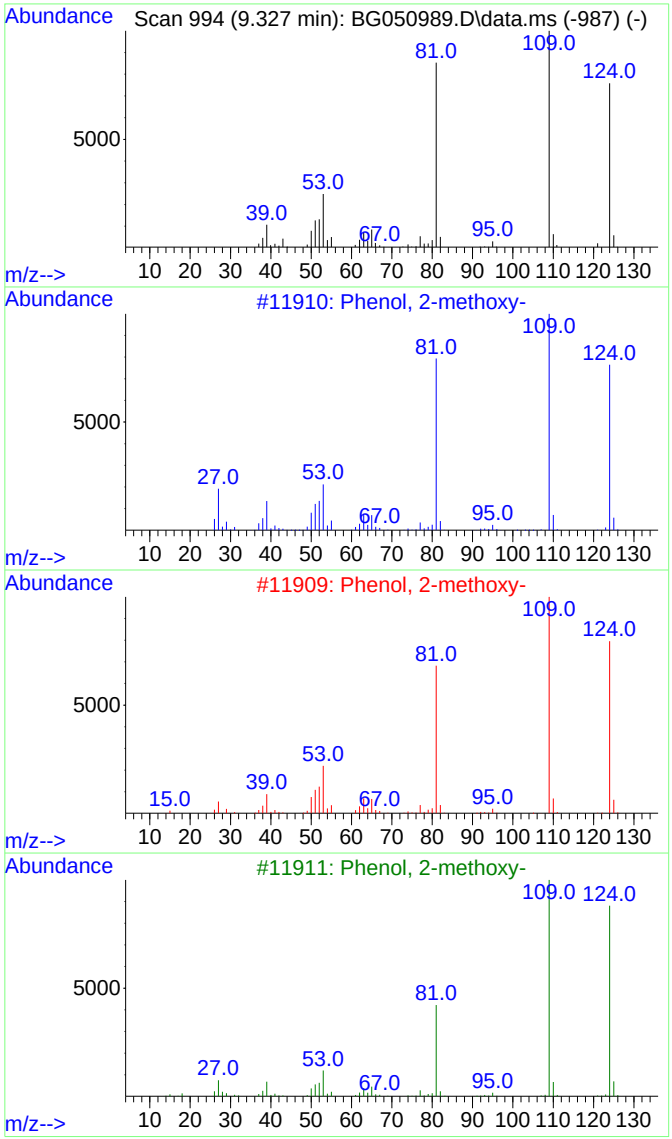
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

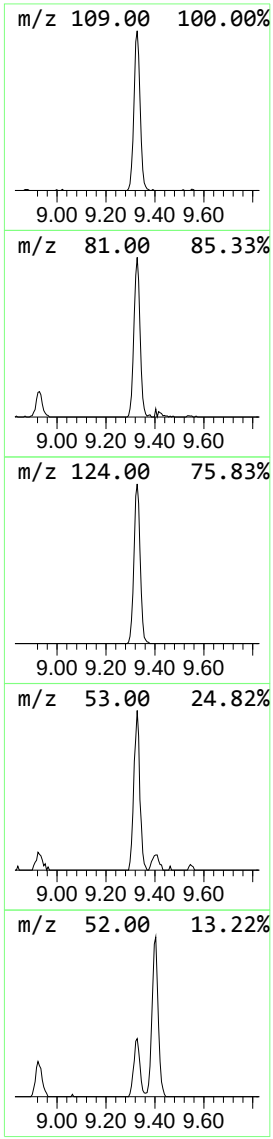
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenol, 2-methoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.327	18.65 ng/ul	238916	1,4-Dichlorobenzene-d4	8.229

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	96
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
4	Mequinol	124	C7H8O2	000150-76-5	90
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90





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Data File : BG050989.D
Acq On : 12 Nov 2021 6:05
Operator : CG/JU
Sample : M4542-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGF7

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

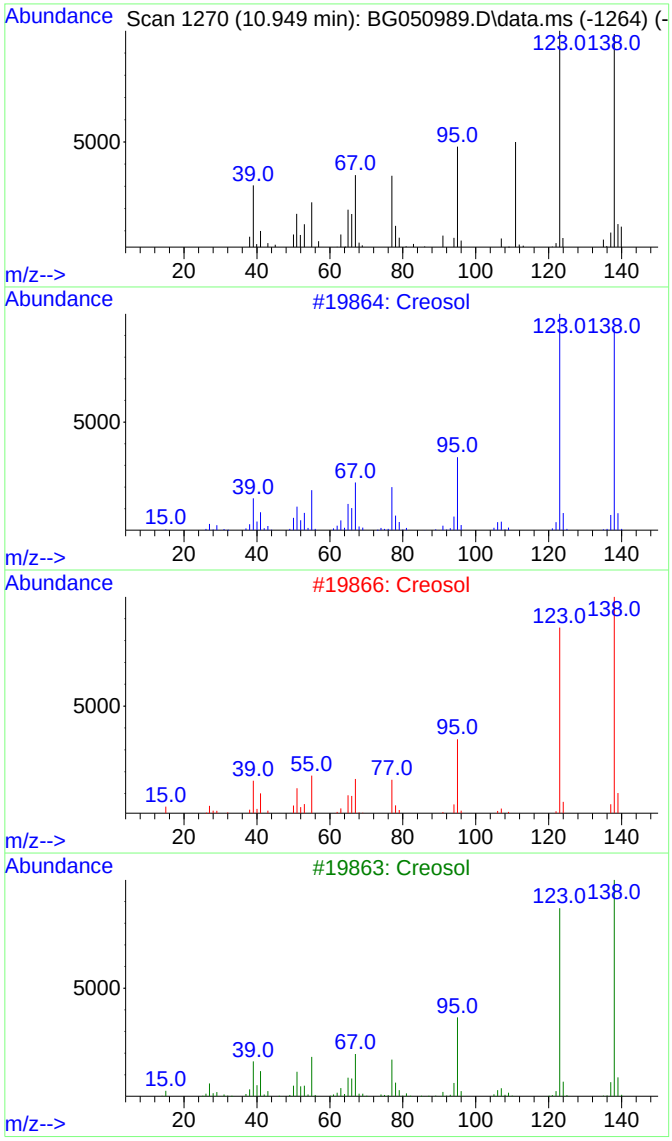
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

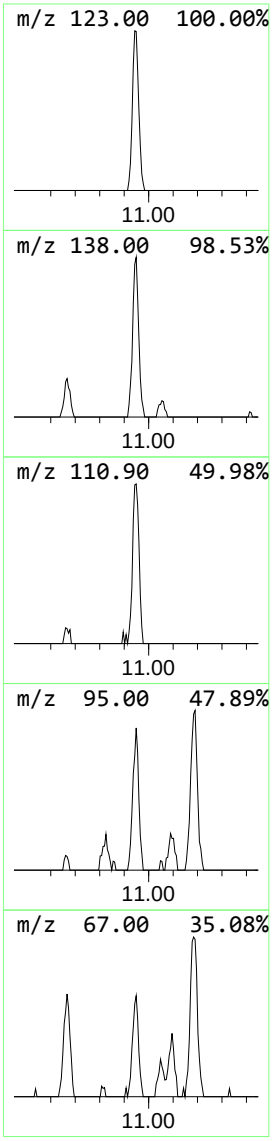
****

Peak Number 6 Creosol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.949	3.64 ng/ul	70421	Naphthalene-d8	11.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Creosol	138	C8H10O2	000093-51-6	95
2	Creosol	138	C8H10O2	000093-51-6	91
3	Creosol	138	C8H10O2	000093-51-6	81
4	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	76
5	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050989.D
Acq On : 12 Nov 2021 6:05
Operator : CG/JU
Sample : M4542-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGF7

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

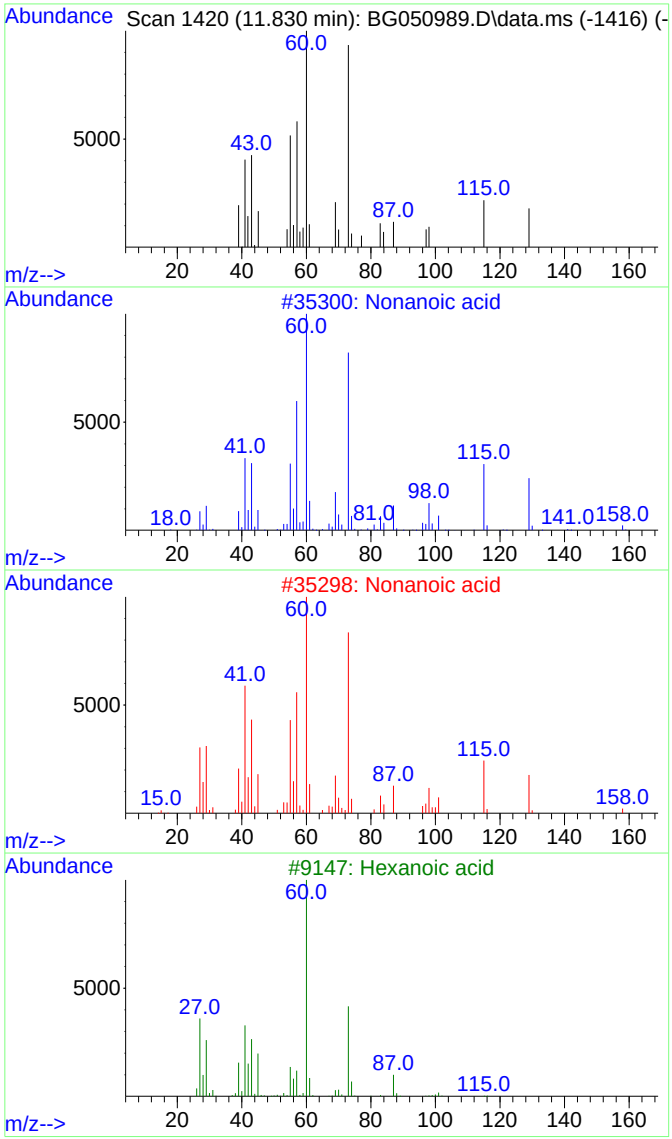
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

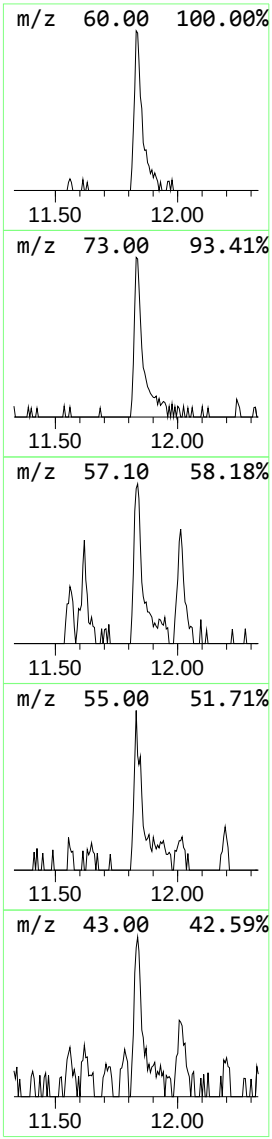
****

Peak Number 7 Nonanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.830	2.23 ng/ul	43245	Naphthalene-d8	11.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	72
2	Nonanoic acid	158	C9H18O2	000112-05-0	72
3	Hexanoic acid	116	C6H12O2	000142-62-1	50
4	Hexanoic acid	116	C6H12O2	000142-62-1	50
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	47





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Acq On : 12 Nov 2021 6:05
Operator : CG/JU
Sample : M4542-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGF7

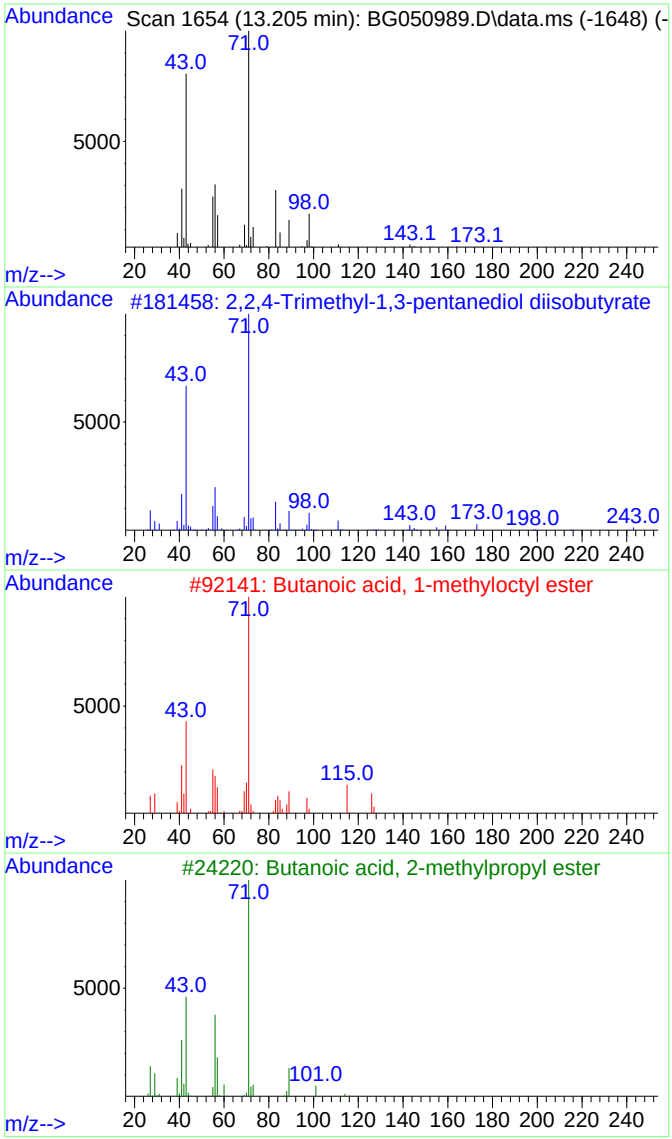
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

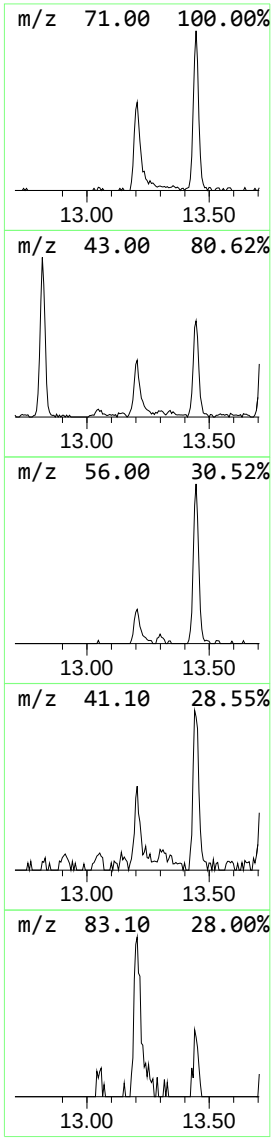
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.205	2.29 ng/ul	62049	Acenaphthene-d10	14.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	64
2	Butanoic acid, 1-methyloctyl ester	214	C13H26O2	069727-42-0	59
3	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	53
4	3-Hexenoic acid, 5-hydroxy-2-met...	144	C7H12O3	110678-36-9	45
5	4,5-Octanedione	142	C8H14O2	005455-24-3	43





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Operator : CG/JU
Sample : M4542-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGF7

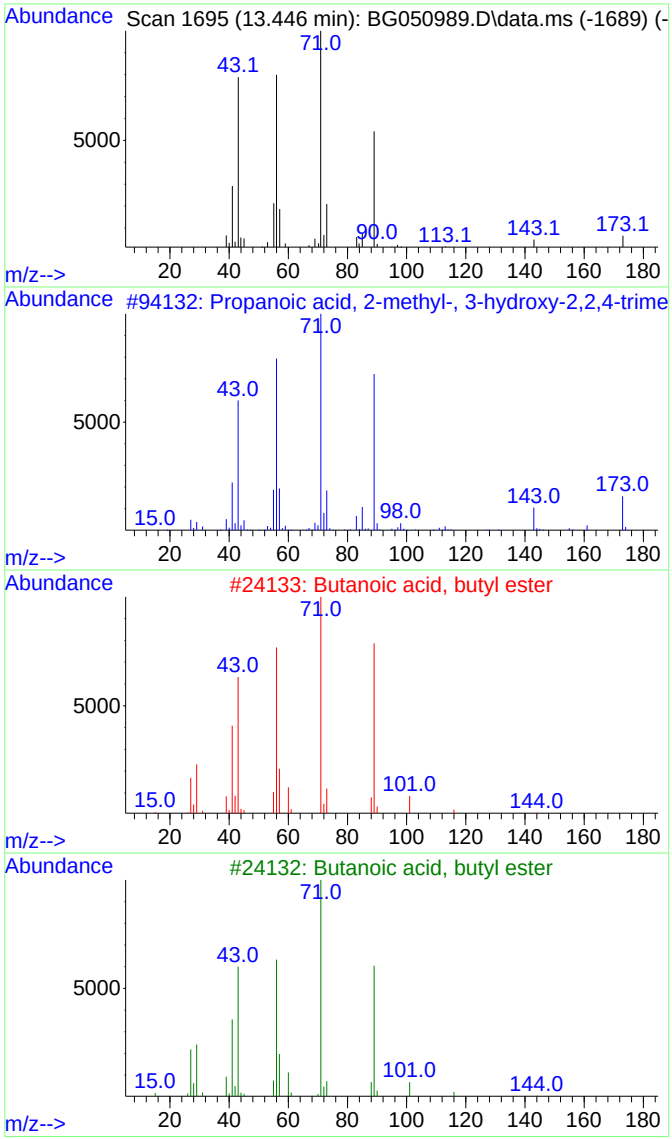
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

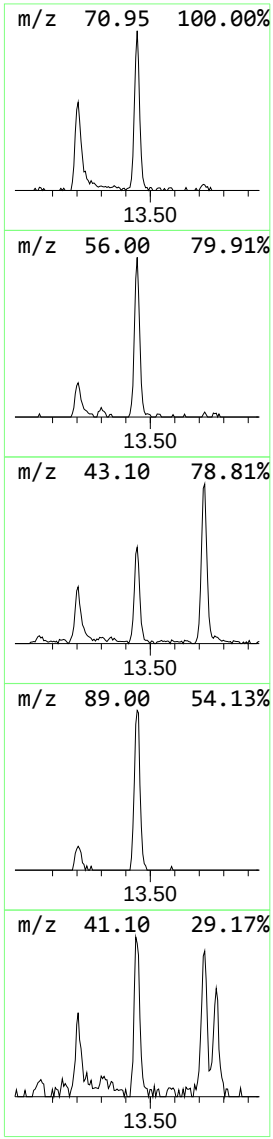
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Propanoic acid, 2-methyl-, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.446	3.60 ng/ul	97606	Acenaphthene-d10	14.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	000077-68-9	78
2	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	64
3	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	64
4	Propanoic acid, 2-methyl-, hexyl...	172	C10H20O2	002349-07-7	56
5	Propanoic acid, 2-methyl-, 4-met...	172	C10H20O2	035852-44-9	56





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Operator : CG/JU
Sample : M4542-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGF7

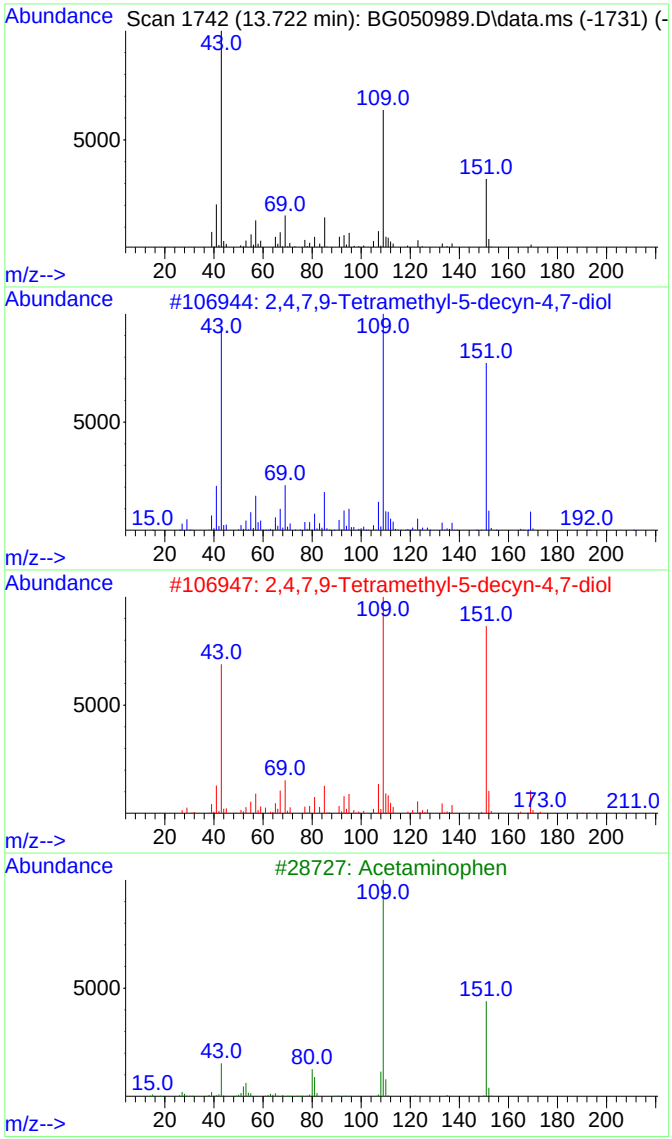
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

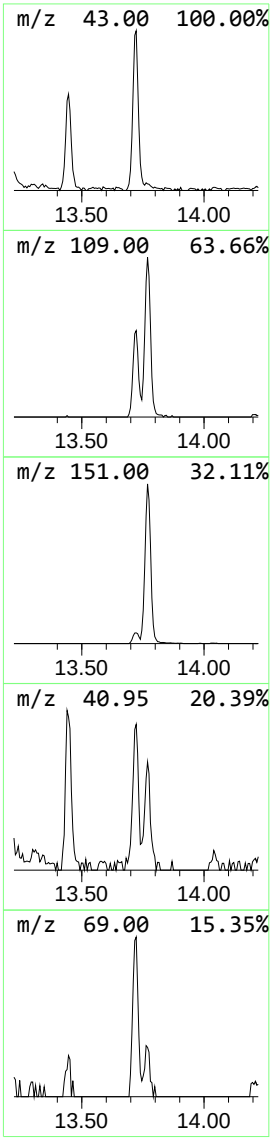
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.722	4.14 ng/ul	112316	Acenaphthene-d10	14.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	86
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	83
3	Acetaminophen	151	C8H9NO2	000103-90-2	49
4	Metacetamol	151	C8H9NO2	000621-42-1	47
5	Metacetamol	151	C8H9NO2	000621-42-1	47





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Acq On : 12 Nov 2021 6:05
Operator : CG/JU
Sample : M4542-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGF7

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

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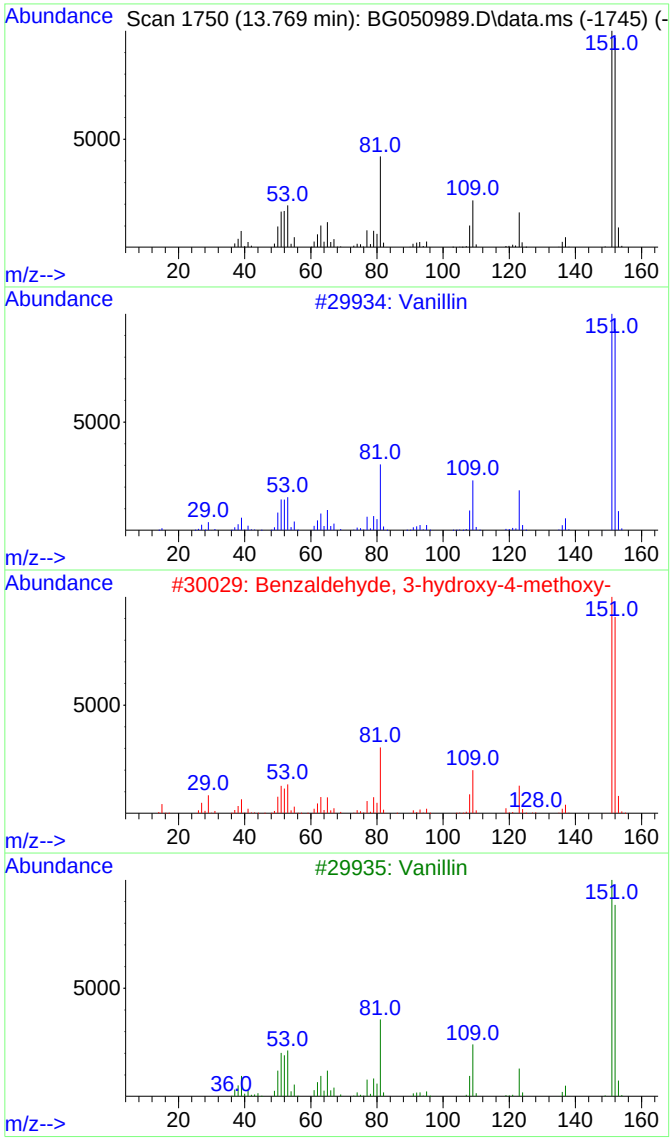
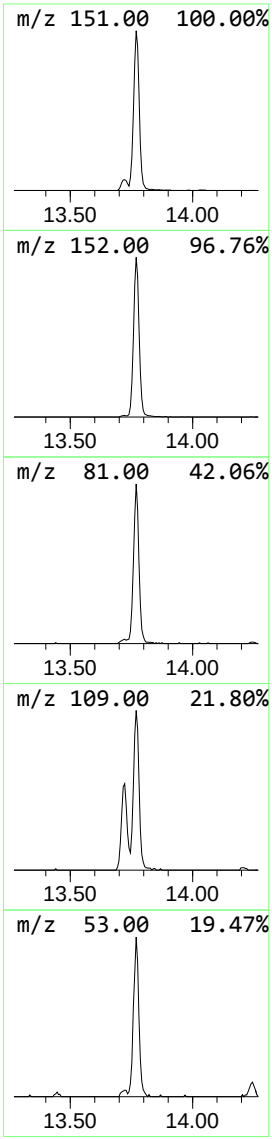
Peak Number 11 Vanillin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.769	22.83 ng/ul	618934	Acenaphthene-d10	14.850

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	97
3	Vanillin	152	C8H8O3	000121-33-5	97
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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Acq On : 12 Nov 2021 6:05
Operator : CG/JU
Sample : M4542-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGF7

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

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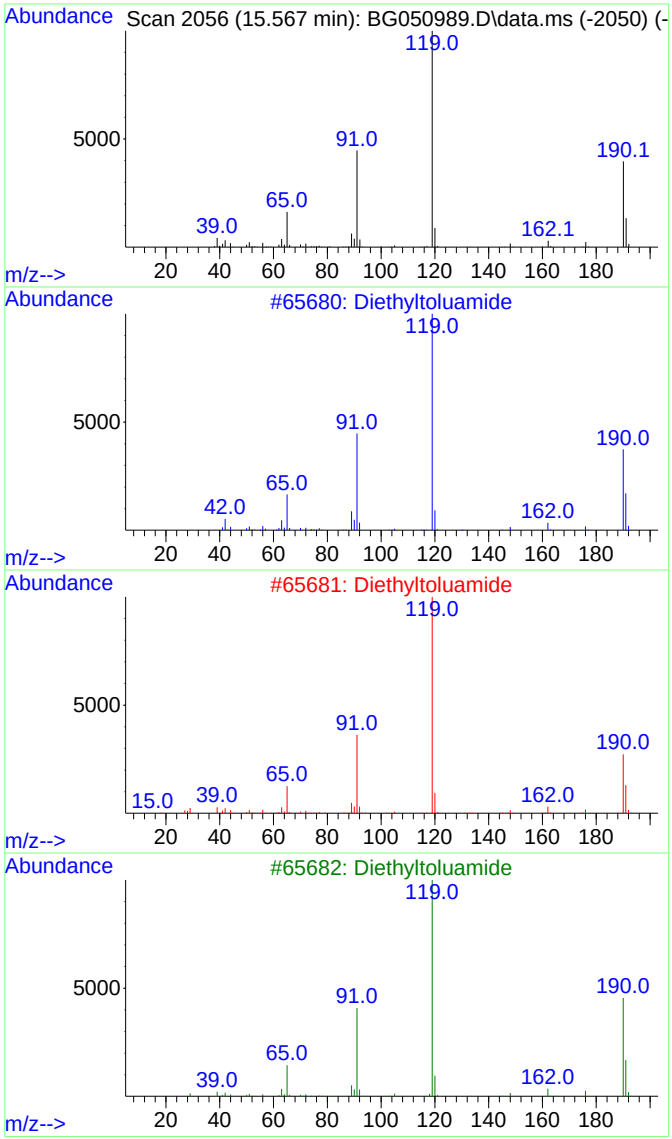
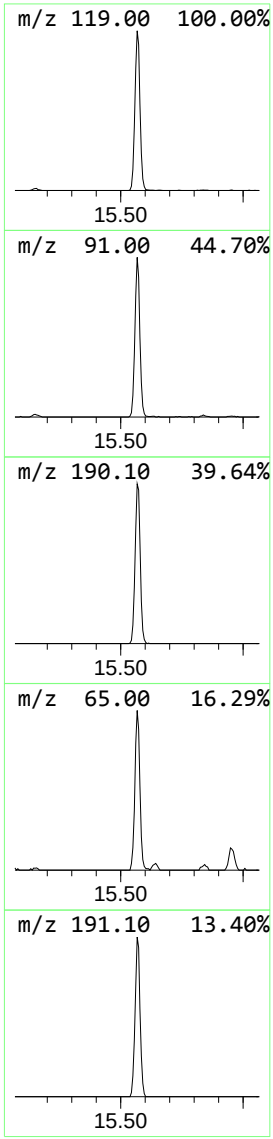
Peak Number 12 Diethyltoluamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.567	16.79 ng/ul	455212	Acenaphthene-d10	14.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Diethyltoluamide	191	C12H17NO	000134-62-3	95
3	Diethyltoluamide	191	C12H17NO	000134-62-3	94
4	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87
5	Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	81





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Acq On : 12 Nov 2021 6:05
Operator : CG/JU
Sample : M4542-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGF7

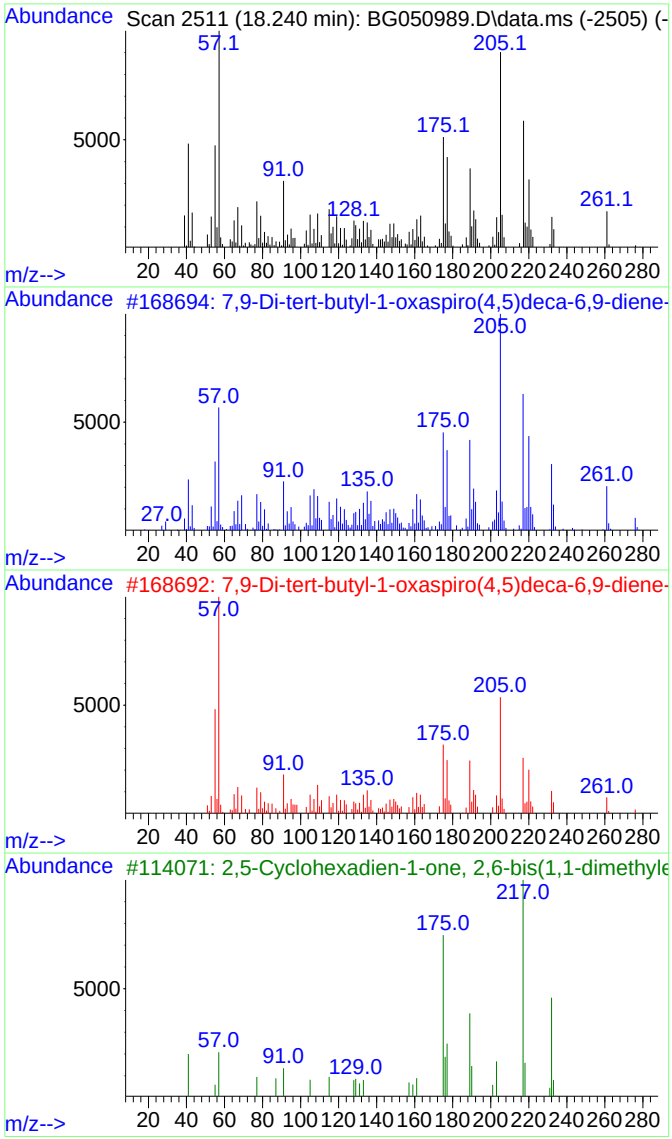
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

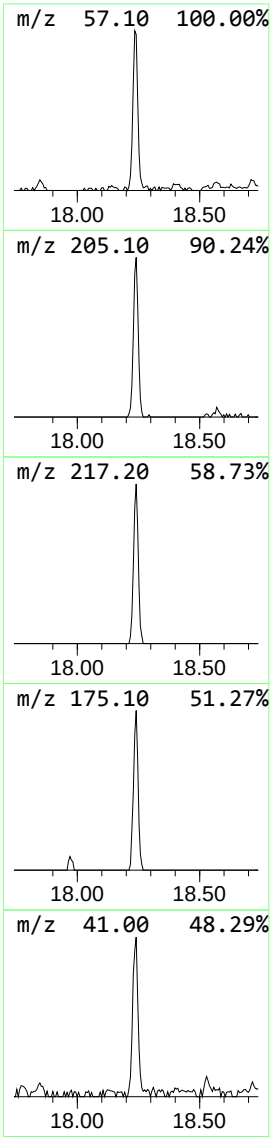
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.240	6.87 ng/ul	230060	Phenanthrene-d10	17.594

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	90
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	83
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	64
5	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	50





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Sample : M4542-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGF7

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Quant Title : SVOA CALIBRATION

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

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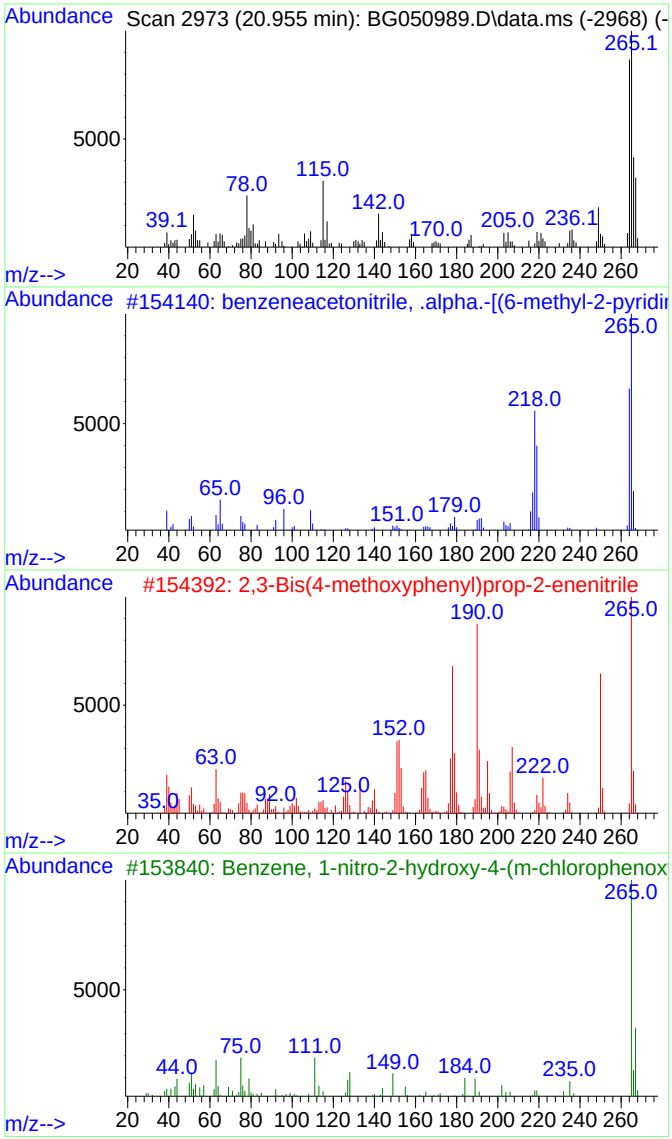
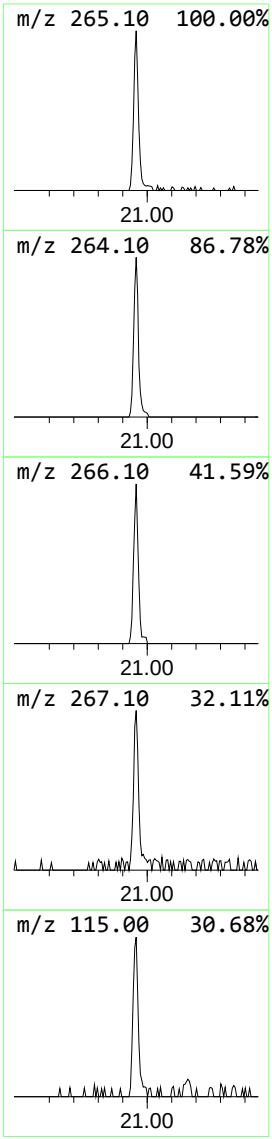
Peak Number 14 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.955	2.92 ng/ul	99099	Chrysene-d12	21.889

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	benzeneacetonitrile, .alpha.-[(6...	265	C15H11N3O2	1000396-89-7	42
2	2,3-Bis(4-methoxyphenyl)prop-2-e...	265	C17H15NO2	052565-72-7	42
3	Benzene, 1-nitro-2-hydroxy-4-(m-...	265	C12H8ClNO4	132117-85-2	38
4	1,2-Cyclohexanedicarboxylic acid...	392	C20H18Cl2O4	1010339-59-2	35
5	Benzene, 1-nitro-2-hydroxy-4-(p-...	265	C12H8ClNO4	027783-57-9	35





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Sample : M4542-11
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ALS Vial : 28 Sample Multiplier: 1

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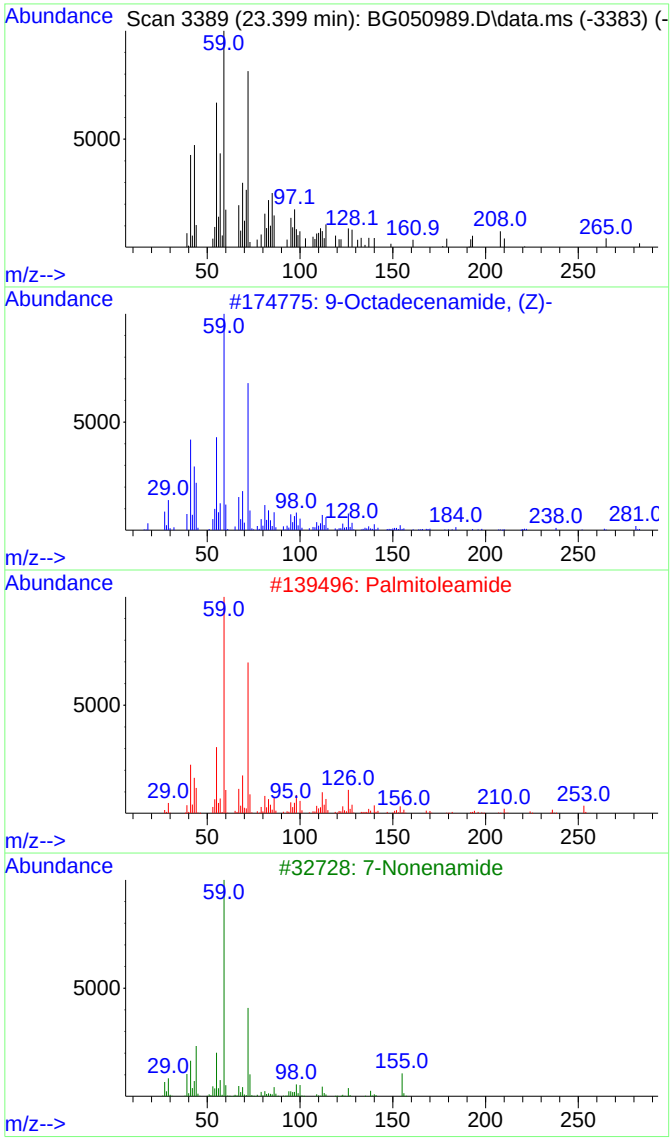
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

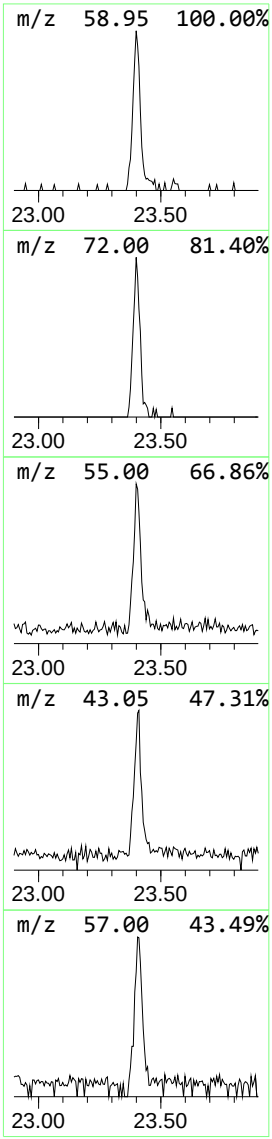
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9-Octadecenamide, (Z)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.399	2.48 ng/ul	84006	Chrysene-d12	21.889

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
2	Palmitoleamide	253	C16H31NO	106010-22-4	47
3	7-Nonenamide	155	C9H17NO	090949-53-4	42
4	3-Tetradecanone	212	C14H28O	000629-23-2	38
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	37





Tentatively Identified Compound (LSC) summary

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Data File : BG050989.D
Acq On : 12 Nov 2021 6:05
Operator : CG/JU
Sample : M4542-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGF7

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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-Methoxy-2-pro...	5.590	3.7	ng/ul	47479	1	8.229	256271	20.0
Cyclohexanone	6.254	2.1	ng/ul	26396	1	8.229	256271	20.0
1-Pyrrolidineca...	8.840	2.8	ng/ul	36150	1	8.229	256271	20.0
Phenol, 2-methoxy-	9.327	18.6	ng/ul	238916	1	8.229	256271	20.0
Creosol	10.949	3.6	ng/ul	70421	2	11.055	387331	20.0
Nonanoic acid	11.830	2.2	ng/ul	43245	2	11.055	387331	20.0
2,2,4-Trimethyl...	13.205	2.3	ng/ul	62049	3	14.850	542301	20.0
Propanoic acid,...	13.446	3.6	ng/ul	97606	3	14.850	542301	20.0
2,4,7,9-Tetrame...	13.722	4.1	ng/ul	112316	3	14.850	542301	20.0
Vanillin	13.769	22.8	ng/ul	618934	3	14.850	542301	20.0
Diethyltoluamide	15.567	16.8	ng/ul	455212	3	14.850	542301	20.0
7,9-Di-tert-but...	18.240	6.9	ng/ul	230060	4	17.594	669852	20.0
unknown-01	20.955	2.9	ng/ul	99099	5	21.889	678145	20.0
9-Octadecenamid...	23.399	2.5	ng/ul	84006	5	21.889	678145	20.0