LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012422\
Data File : BG052127.D
Acq On : 24 Jan 2022 15:35
Operator : CG/JU
Sample : N1199-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0Q08

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-BG010622.M
Title : SVOA CALIBRATION

Signal : TIC: BG052127.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.572	9	14	20	rVB2	6708	10849	1.14%	0.103%
2	4.006	85	88	95	rBV	13434	21597	2.28%	0.205%
3	6.250	464	470	478	rBV3	10867	18999	2.00%	0.180%
4	6.744	547	554	557	rVB	1890	2853	0.30%	0.027%
5	7.384	651	663	674	rBV	44876	87399	9.22%	0.830%
6	7.549	683	691	697	rBV	114954	210907	22.24%	2.002%
7	7.607	697	701	711	rVB4	31720	59649	6.29%	0.566%
8	7.748	718	725	727	rBV2	152943	267229	28.18%	2.537%
9	7.854	737	743	746	rBV4	3949	6854	0.72%	0.065%
10	7.895	746	750	757	rVB2	22056	33151	3.50%	0.315%
11	7.954	757	760	765	rBV3	3449	5734	0.60%	0.054%
12	8.112	782	787	791	rBV3	4403	7476	0.79%	0.071%
13	8.242	802	809	816	rBV	104551	176688	18.63%	1.678%
14	8.483	846	850	854	rBV2	1914	2916	0.31%	0.028%
15	8.559	856	863	869	rBV	15347	24697	2.60%	0.234%
16	8.665	877	881	890	rVB3	1836	3982	0.42%	0.038%
17	8.947	922	929	938	rVB2	108460	201164	21.21%	1.910%
18	9.093	949	954	960	rBV5	8054	16440	1.73%	0.156%
19	9.417	998	1009	1018	rVB	145828	269935	28.47%	2.563%
20	9.499	1018	1023	1024	rBV3	1951	2960	0.31%	0.028%
21	9.610	1036	1042	1047	rBV3	4516	8619	0.91%	0.082%
22	9.716	1055	1060	1066	rBV2	5519	8635	0.91%	0.082%
23	9.840	1073	1081	1086	rVB4	6944	13244	1.40%	0.126%
24	9.963	1096	1102	1104	rBV3	2891	3942	0.42%	0.037%
25	10.075	1114	1121	1126	rBV2	7595	12688	1.34%	0.120%
26	10.145	1126	1133	1142	rBV2	124268	234309	24.71%	2.225%
27	10.262	1146	1153	1157	rBV3	7868	12402	1.31%	0.118%
28	10.309	1157	1161	1165	rVB3	2903	3815	0.40%	0.036%
29	10.351	1165	1168	1174	rBV3	9373	16036	1.69%	0.152%
30	10.556	1199	1203	1205	rVB2	1818	2682	0.28%	0.025%
31	10.597	1205	1210	1212	rBV3	3360	4698	0.50%	0.045%
32	10.633	1214	1216	1220	rVV5	2235	2867	0.30%	0.027%
33	10.697	1220	1227	1236	rVV2	184825	340377	35.89%	3.232%
34	10.838	1247	1251	1252	rBV2	2736	2999	0.32%	0.028%
35	10.856	1252	1254	1263	rVB4	3165	5163	0.54%	0.049%
36	11.085	1282	1293	1299	rBV	152413	276304	29.14%	2.623%

LSC Area Percent Report

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Sample : N1199-14
Misc :
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Instrument :
BNA_G
ClientSampleId :
C0Q08

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-BG010622.M
Title : SVOA CALIBRATION

37	11.138	1299	1302	1307	rVV4	13216	21098	2.22%	0.200%
38	11.208	1307	1314	1326	rVV	93360	188634	19.89%	1.791%
39	11.390	1340	1345	1350	rVB2	3200	5238	0.55%	0.050%
40	11.555	1370	1373	1380	rBV4	2693	4919	0.52%	0.047%
41	11.643	1386	1388	1391	rBV	2604	2836	0.30%	0.027%
42	11.849	1419	1423	1428	rBV3	4124	6462	0.68%	0.061%
43	11.954	1436	1441	1446	rBV5	8105	13523	1.43%	0.128%
44	11.995	1446	1448	1452	rVV3	2667	3280	0.35%	0.031%
45	12.037	1452	1455	1461	rVB4	3212	5778	0.61%	0.055%
46	12.119	1464	1469	1471	rBV4	3462	5122	0.54%	0.049%
47	12.330	1499	1505	1510	rVB4	4822	7738	0.82%	0.073%
48	12.465	1524	1528	1531	rBV3	2083	2857	0.30%	0.027%
49	12.601	1548	1551	1558	rBV5	2212	4087	0.43%	0.039%
50	12.665	1558	1562	1565	rBV4	3562	5925	0.62%	0.056%
51	13.012	1618	1621	1622	rBV2	2795	2734	0.29%	0.026%
52	13.023	1622	1623	1627	rVV4	4652	4111	0.43%	0.039%
53	13.065	1627	1630	1631	rVV3	3157	3346	0.35%	0.032%
54	13.094	1631	1635	1641	rVB4	6660	12542	1.32%	0.119%
55	13.323	1668	1674	1683	rVB2	53428	85940	9.06%	0.816%
56	13.417	1687	1690	1697	rVB6	4313	7420	0.78%	0.070%
57	13.540	1706	1711	1715	rBV5	6424	12147	1.28%	0.115%
58	13.728	1734	1743	1744	rBV5	7215	17590	1.85%	0.167%
59	13.752	1744	1747	1753	rVB7	16033	27442	2.89%	0.261%
60	13.864	1762	1766	1769	rBV4	13281	18584	1.96%	0.176%
61	13.899	1769	1772	1778	rVB5	12493	20065	2.12%	0.191%
62	14.057	1798	1799	1802	rVV3	3327	2820	0.30%	0.027%
63	14.275	1826	1836	1843	rVB	381736	551558	58.16%	5.237%
64	14.363	1846	1851	1855	rVV6	2863	4725	0.50%	0.045%
65	14.539	1874	1881	1882	rBV4	1726	3938	0.42%	0.037%
66	14.580	1882	1888	1896	rVB	395302	635096	66.97%	6.030%
67	14.674	1899	1904	1908	rBV5	5853	8090	0.85%	0.077%
68	14.756	1913	1918	1921	rBV3	3618	5361	0.57%	0.051%
69	14.803	1921	1926	1929	rBV3	2991	5188	0.55%	0.049%
70	14.886	1934	1940	1949	rVB	261938	403658	42.57%	3.832%
71	15.074	1961	1972	1986	rBV3	37151	91135	9.61%	0.865%
72	15.215	1994	1996	2001	rVB4	4463	5778	0.61%	0.055%
73	15.361	2019	2021	2024	rBV3	2754	2787	0.29%	0.026%
74	15.432	2028	2033	2039	rVV3	14898	22800	2.40%	0.216%
75	15.508	2041	2046	2051	rBV3	48579	75732	7.99%	0.719%
76	15.878	2098	2109	2114	rBV	530798	817549	86.21%	7.762%

LSC Area Percent Report

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Operator : CG/JU
Sample : N1199-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0Q08

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-BG010622.M
Title : SVOA CALIBRATION

77	15.984	2121	2127	2136	rVB	179788	264764	27.92%	2.514%
78	16.113	2147	2149	2156	rVB5	5410	8830	0.93%	0.084%
79	16.331	2182	2186	2191	rVB7	7033	10748	1.13%	0.102%
80	16.460	2204	2208	2212	rBV6	4105	5961	0.63%	0.057%
81	16.525	2214	2219	2220	rBV4	3462	5005	0.53%	0.048%
82	16.548	2220	2223	2229	rVB8	4198	6985	0.74%	0.066%
83	16.812	2265	2268	2270	rBV4	2908	2763	0.29%	0.026%
84	17.288	2344	2349	2352	rBV5	12701	21699	2.29%	0.206%
85	17.459	2373	2378	2384	rVB	40918	59848	6.31%	0.568%
86	17.641	2401	2409	2415	rBV	320091	489173	51.59%	4.644%
87	17.735	2415	2425	2432	rVV	550622	948281	100.00%	9.003%
88	17.840	2440	2443	2448	rBV3	7786	11967	1.26%	0.114%
89	18.357	2527	2531	2534	rBV4	10281	12267	1.29%	0.116%
90	18.498	2551	2555	2559	rBV7	17926	28541	3.01%	0.271%
91	18.751	2595	2598	2605	rVB8	9508	17803	1.88%	0.169%
92	18.845	2611	2614	2618	rVB2	24966	28221	2.98%	0.268%
93	18.892	2618	2622	2628	rBV5	26044	45142	4.76%	0.429%
94	19.286	2685	2689	2698	rBV5	27945	70972	7.48%	0.674%
95	19.585	2738	2740	2744	rVB3	30375	35066	3.70%	0.333%
96	20.014	2808	2813	2822	rVB	628714	936195	98.73%	8.888%
97	20.237	2848	2851	2857	rVB	48290	67196	7.09%	0.638%
98	21.958	3138	3144	3150	rVB	296174	490875	51.76%	4.660%
99	25.207	3686	3697	3708	rVB2	309447	927742	97.83%	8.808%
100	25.448	3729	3738	3752	rVB2	163704	530850	55.98%	5.040%

Sum of corrected areas: 10532786

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012422\
Data File : BG052127.D
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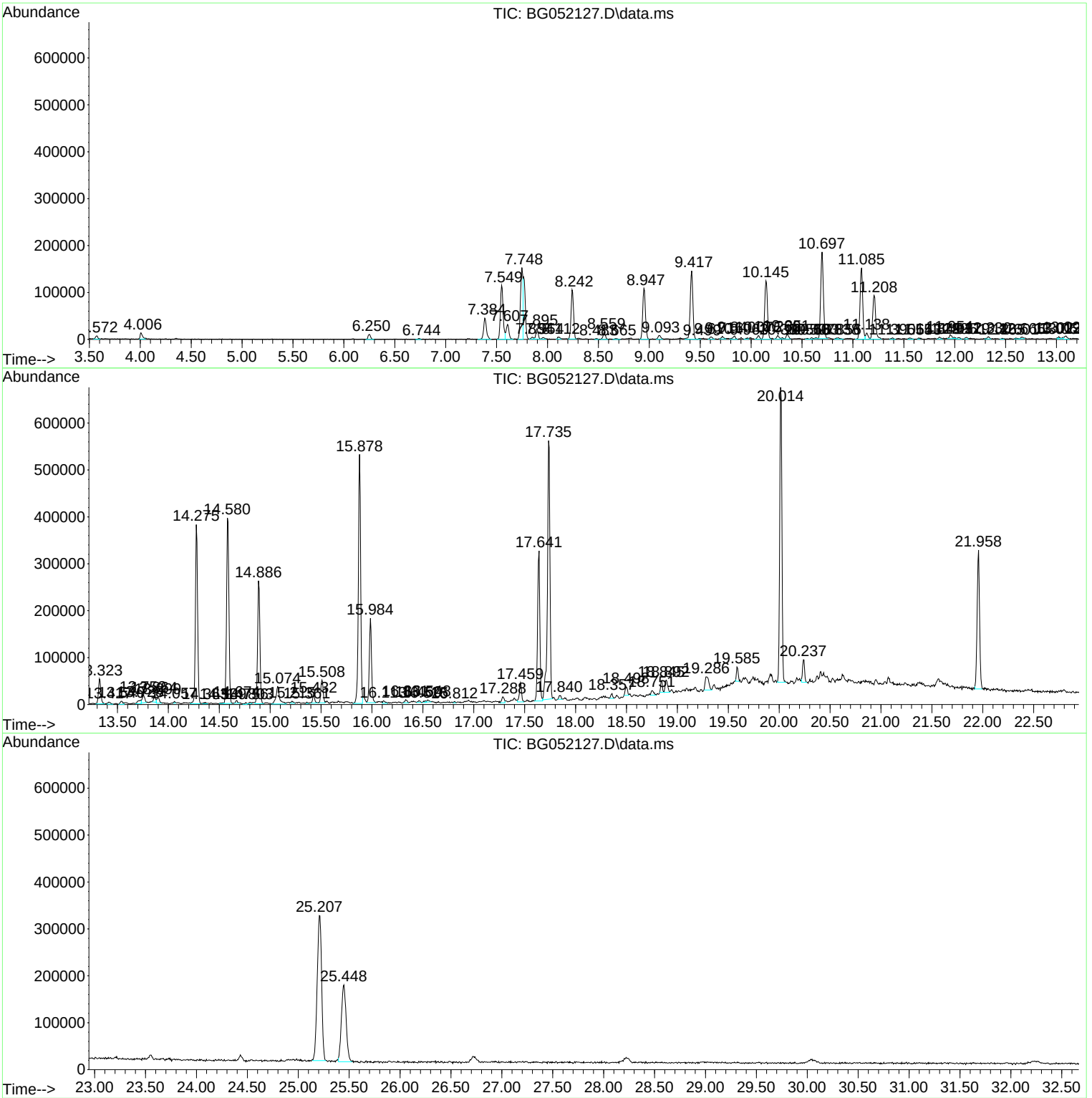
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0Q08

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012422\
Data File : BG052127.D
Acq On : 24 Jan 2022 15:35
Operator : CG/JU
Sample : N1199-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0Q08

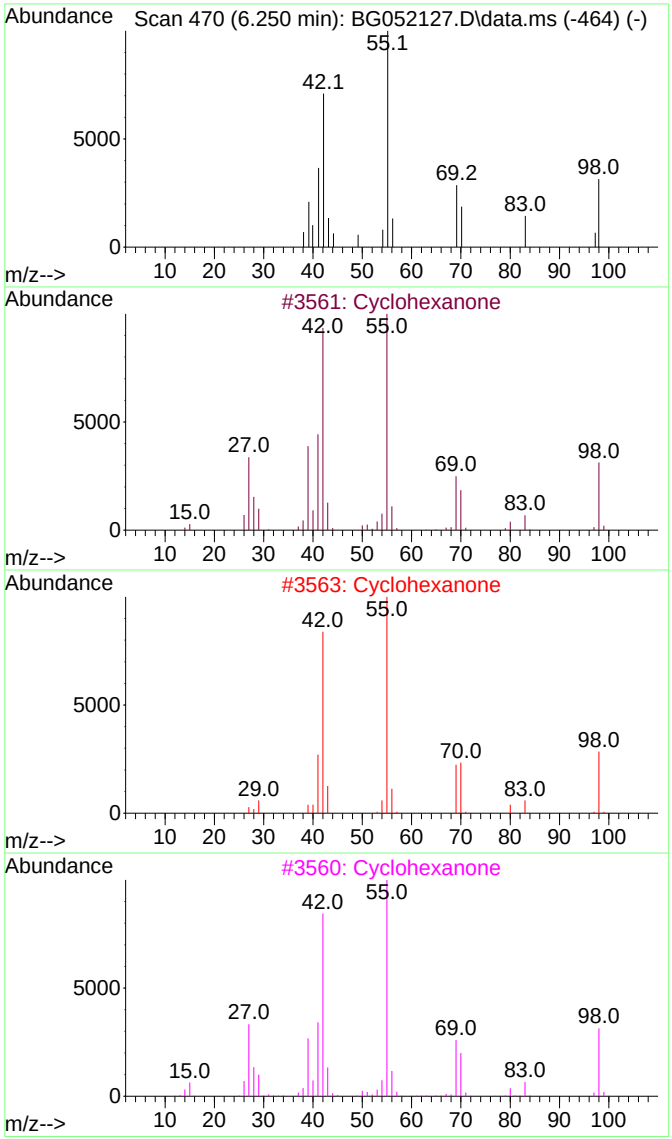
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

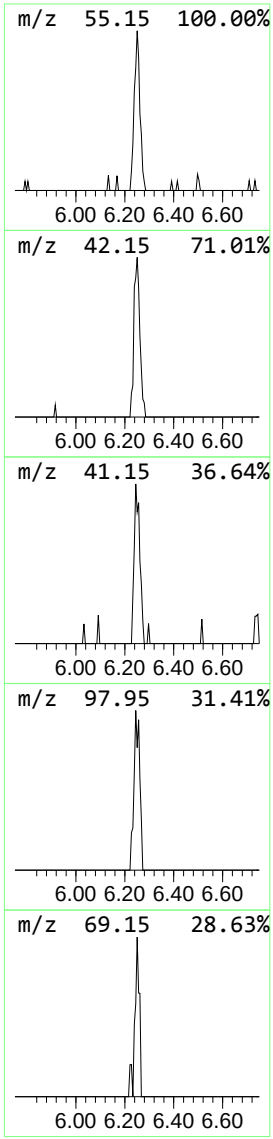
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexanone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.250	2.15 ng/ul	18999	1,4-Dichlorobenzene-d4	8.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	90
2	Cyclohexanone	98	C6H10O	000108-94-1	86
3	Cyclohexanone	98	C6H10O	000108-94-1	86
4	Cyclohexanone	98	C6H10O	000108-94-1	83
5	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012422\
Data File : BG052127.D
Acq On : 24 Jan 2022 15:35
Operator : CG/JU
Sample : N1199-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0Q08

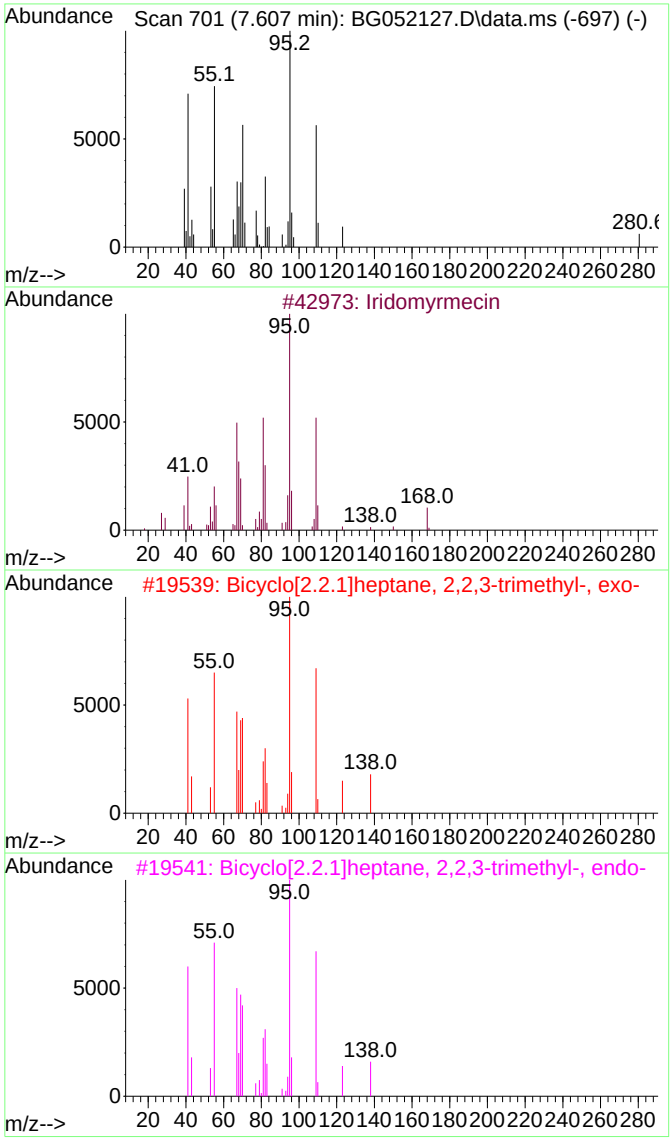
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

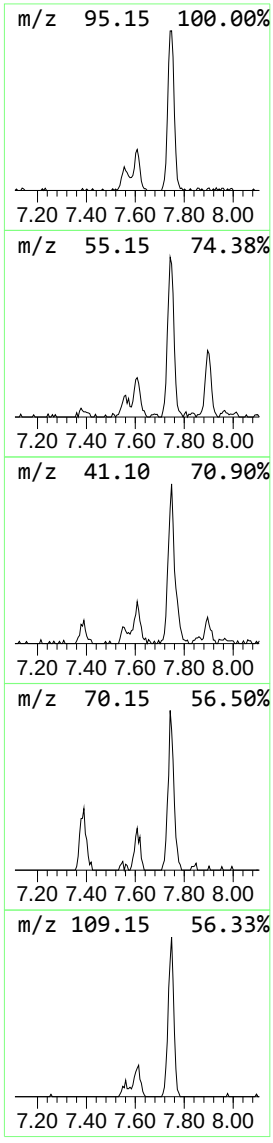
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Iridomyrmecin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.607	6.75 ng/ul	59649	1,4-Dichlorobenzene-d4	8.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Iridomyrmecin	168	C10H16O2	000485-43-8	50
2	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	47
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	47
4	cis,cis- and cis,trans-1,9-dimet...	166	C12H22	1000111-72-5	43
5	4-Ethyl-2-hexynal	124	C8H12O	071932-97-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012422\
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Acq On : 24 Jan 2022 15:35
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Sample : N1199-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0Q08

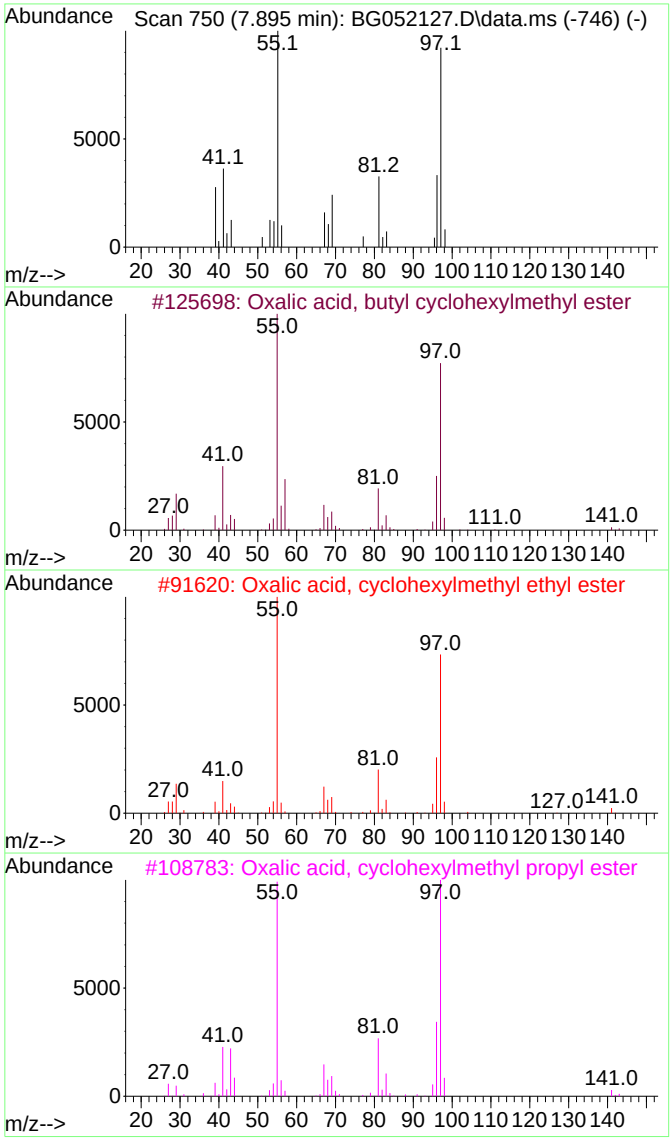
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

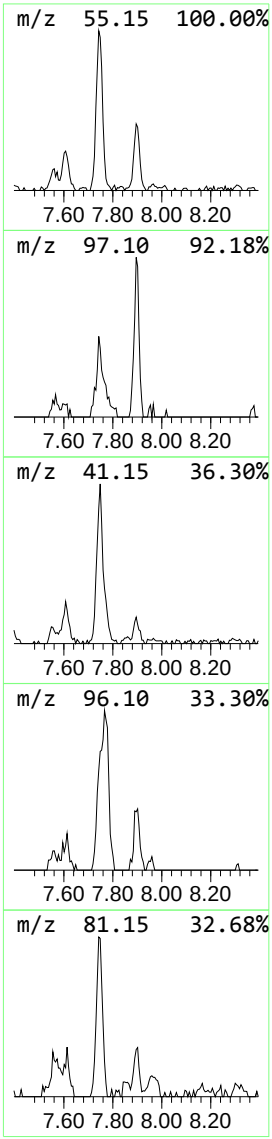
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Oxalic acid, butyl cyclohex... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.895	3.75 ng/ul	33151	1,4-Dichlorobenzene-d4	8.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	78
2	Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	78
3	Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1010309-68-1	78
4	Oxalic acid, di(cyclohexylmethyl...	282	C16H26O4	1000309-68-5	72
5	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	72





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Instrument :
BNA_G
ClientSampleId :
C0Q08

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

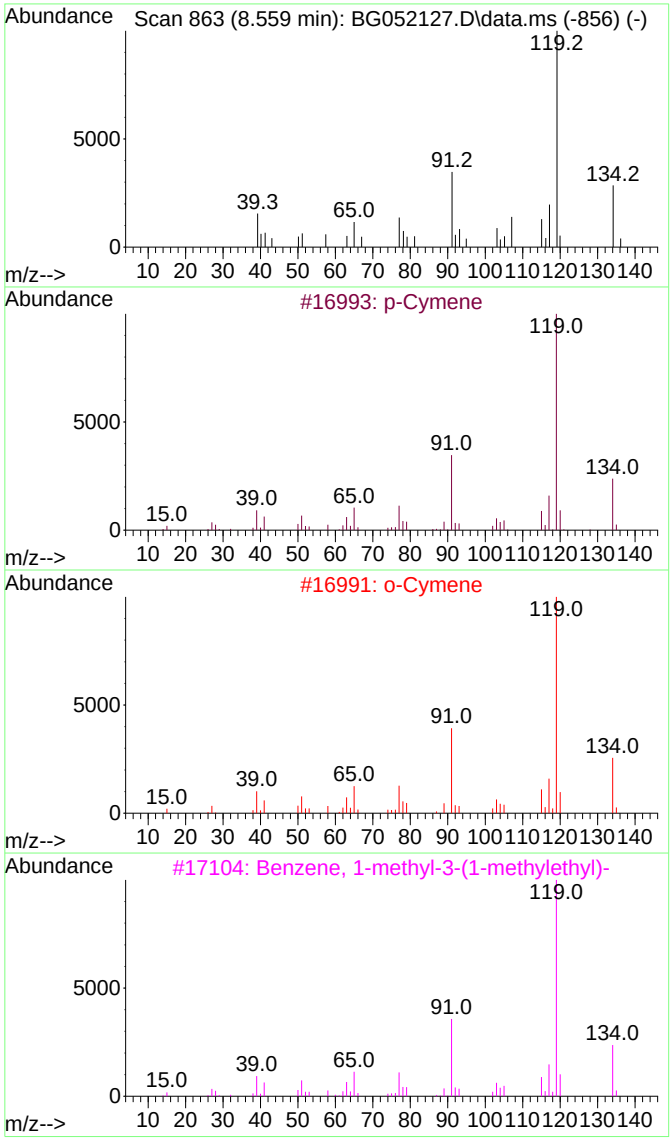
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

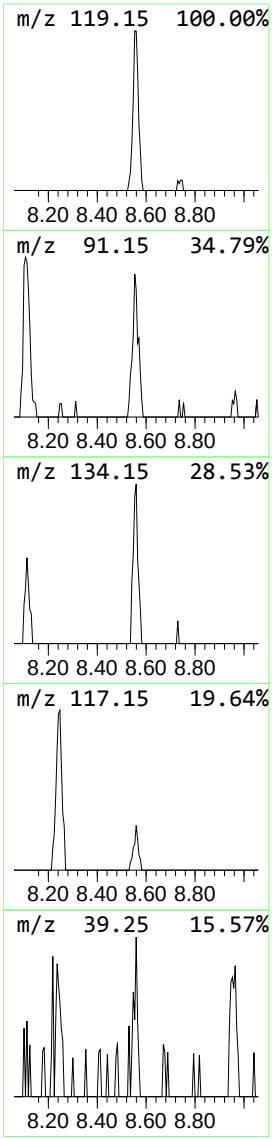
****

Peak Number 4 p-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.559	2.80 ng/ul	24697	1,4-Dichlorobenzene-d4	8.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	87
2	o-Cymene	134	C10H14	000527-84-4	87
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
4	p-Cymene	134	C10H14	000099-87-6	83
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64





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Data File : BG052127.D
Acq On : 24 Jan 2022 15:35
Operator : CG/JU
Sample : N1199-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0Q08

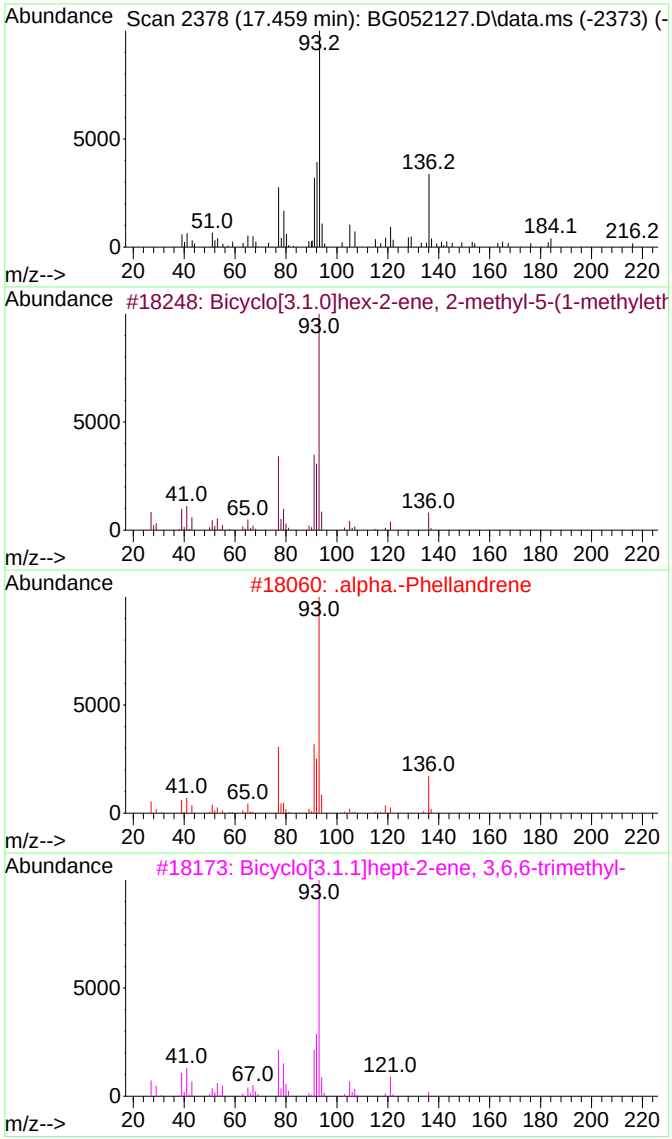
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

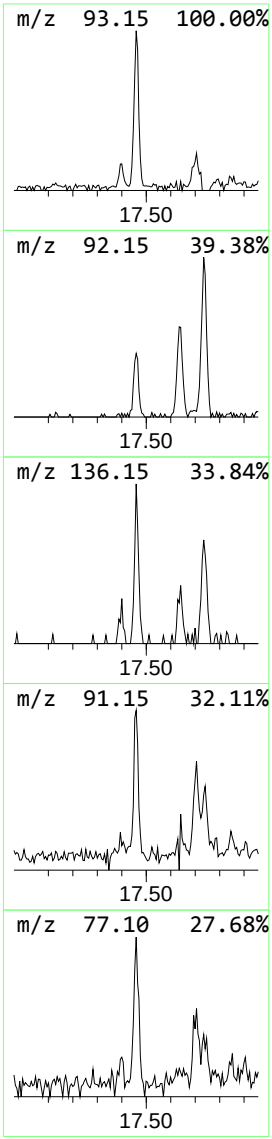
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Bicyclo[3.1.0]hex-2-ene, 2-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.459	2.45 ng/ul	59848	Phenanthrene-d10	17.641

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	90
2	.alpha.-Phellandrene	136	C10H16	000099-83-2	74
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	72
4	Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	72
5	.gamma.-Terpinene	136	C10H16	000099-85-4	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012422\
Data File : BG052127.D
Acq On : 24 Jan 2022 15:35
Operator : CG/JU
Sample : N1199-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0Q08

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

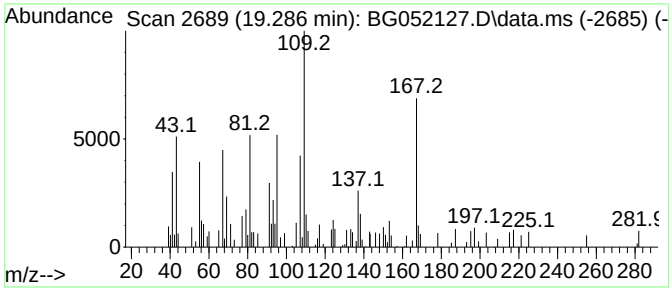
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

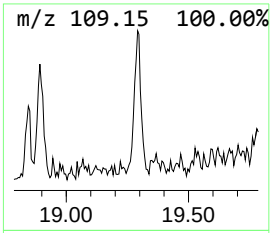
****

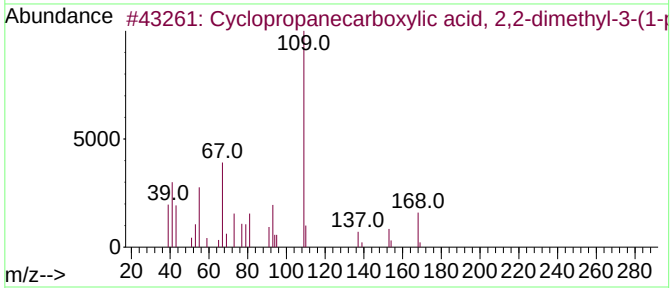
Peak Number 6 unknown-01 Concentration Rank 3

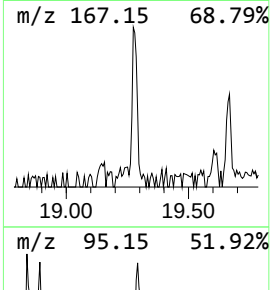
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.286	2.90 ng/ul	70972	Phenanthrene-d10	17.641

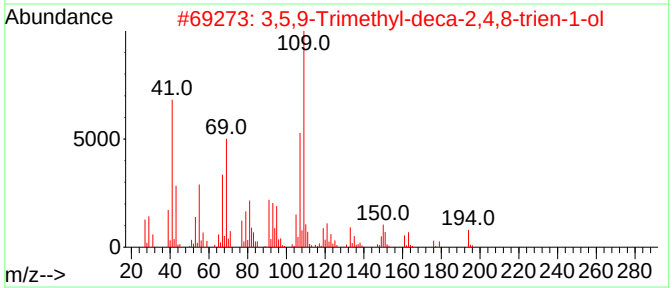
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxylic acid, 2,2...	168	C10H16O2	033383-56-1	45
2	3,5,9-Trimethyl-deca-2,4,8-trien...	194	C13H22O	1000188-00-3	43
3	3-Heptyne, 2,2-dimethyl-	124	C9H16	029022-29-5	35
4	(+)-(Z)-Longipinane	206	C15H26	1000156-12-3	35
5	Methyl 2-(bromomethyl)-4-fluorob...	246	C9H8BrFO2	157652-28-3	35

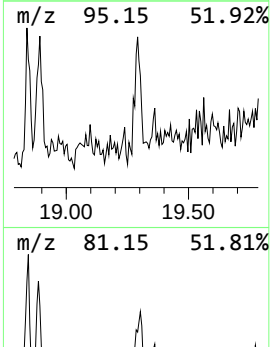


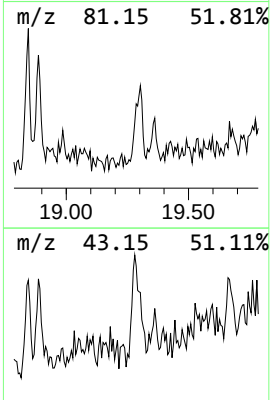


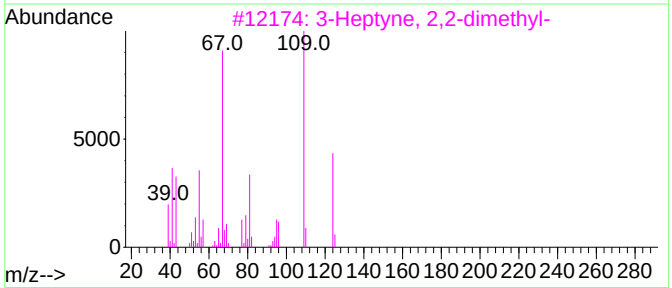












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Data File : BG052127.D
Acq On : 24 Jan 2022 15:35
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Sample : N1199-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0Q08

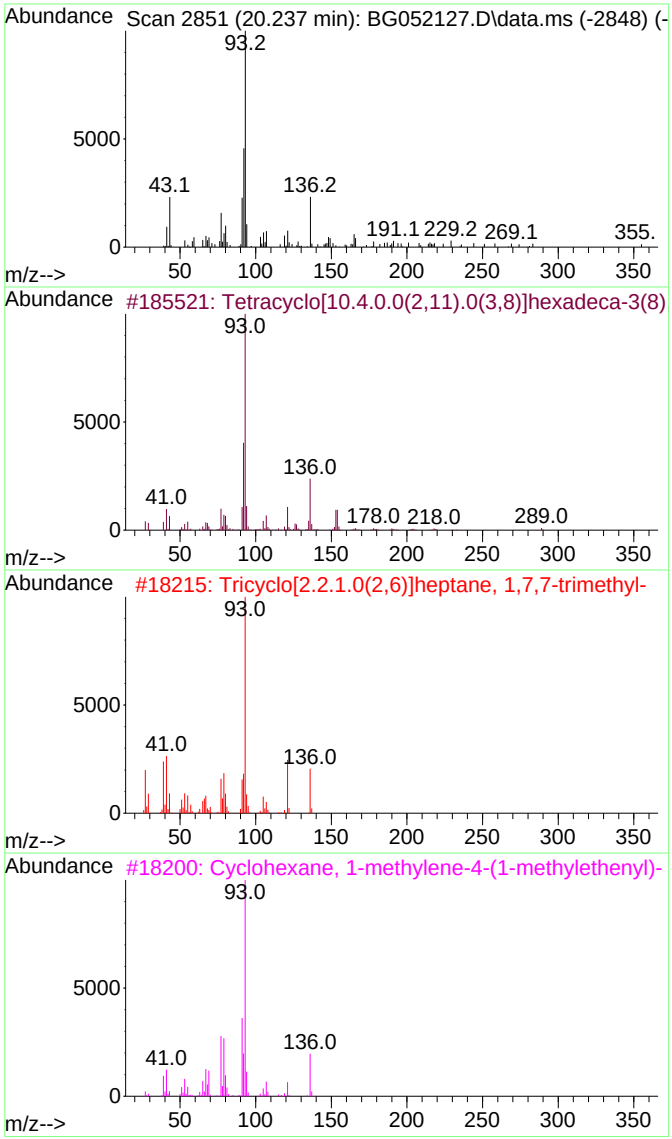
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

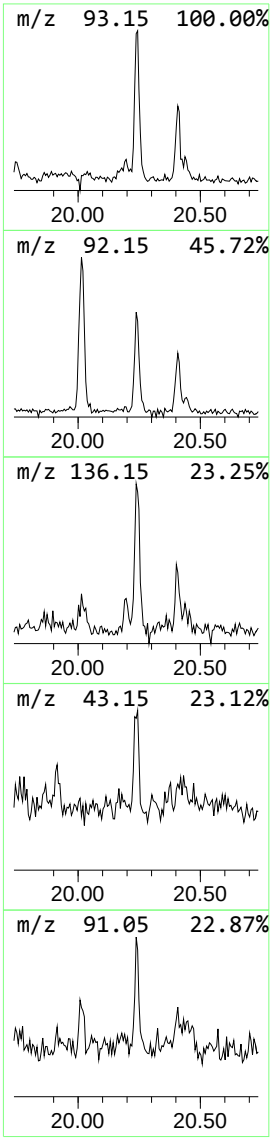
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Tetracyclo[10.4.0.0(2,11).0... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.237	2.74 ng/ul	67196	Chrysene-d12	21.958

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[10.4.0.0(2,11).0(3,8)...	289	C21H23N	1000157-71-4	72
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	64
3	Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	64
4	(+)-3-Carene	136	C10H16	000498-15-7	59
5	Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012422\
Data File : BG052127.D
Acq On : 24 Jan 2022 15:35
Operator : CG/JU
Sample : N1199-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0Q08

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.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
Cyclohexanone	6.250	2.1	ng/ul	18999	1	8.242	176688	20.0
Iridomyrmecin	7.607	6.8	ng/ul	59649	1	8.242	176688	20.0
Oxalic acid, bu...	7.895	3.8	ng/ul	33151	1	8.242	176688	20.0
p-Cymene	8.559	2.8	ng/ul	24697	1	8.242	176688	20.0
Bicyclo[3.1.0]h...	17.459	2.5	ng/ul	59848	4	17.641	489173	20.0
unknown-01	19.286	2.9	ng/ul	70972	4	17.641	489173	20.0
Tetracyclo[10.4...	20.237	2.7	ng/ul	67196	5	21.958	490875	20.0