LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
Data File : BG056796.D
Acq On : 2 Mar 2023 18:49
Operator : CG/JU
Sample : 01710-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAA8

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-BG022323.M
Title : SVOA CALIBRATION

Signal : TIC: BG056796.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.436	320	323	328	rVB3	5455	8198	2.48%	0.145%
2	7.081	598	603	609	rVB2	25408	38816	11.75%	0.686%
3	7.398	652	657	662	rVB3	12485	20392	6.17%	0.360%
4	7.539	675	681	688	rVV	37848	63678	19.28%	1.125%
5	7.721	706	712	719	rVB	26140	42322	12.81%	0.748%
6	7.856	728	735	741	rVB4	12252	19645	5.95%	0.347%
7	7.939	743	749	758	rVB	32035	55080	16.68%	0.973%
8	8.420	824	831	838	rVB	54553	91330	27.65%	1.614%
9	8.550	849	853	857	rBV2	2418	2979	0.90%	0.053%
10	8.632	865	867	873	rVB3	2431	2797	0.85%	0.049%
11	8.726	874	883	890	rBV2	58495	99365	30.08%	1.756%
12	9.102	941	947	955	rVB	39169	68874	20.85%	1.217%
13	9.243	967	971	975	rBV5	4016	5972	1.81%	0.106%
14	9.590	1023	1030	1037	rBV	35841	63188	19.13%	1.117%
15	10.318	1147	1154	1161	rVB2	28849	50678	15.34%	0.896%
16	10.659	1208	1212	1218	rBV3	3700	5102	1.54%	0.090%
17	10.859	1239	1246	1252	rBV2	49490	85310	25.83%	1.508%
18	11.017	1268	1273	1278	rVV3	3629	5517	1.67%	0.098%
19	11.252	1307	1313	1323	rVB	77975	139932	42.36%	2.473%
20	11.382	1329	1335	1340	rBV2	7873	13384	4.05%	0.237%
21	11.963	1430	1434	1439	rVB4	5026	7676	2.32%	0.136%
22	13.785	1739	1744	1749	rBV4	3612	6624	2.01%	0.117%
23	13.896	1758	1763	1768	rBV6	6455	9690	2.93%	0.171%
24	14.349	1834	1840	1845	rBV2	69864	100920	30.55%	1.784%
25	14.408	1845	1850	1857	rVB	90617	133656	40.46%	2.362%
26	14.719	1897	1903	1910	rVB	103136	158014	47.84%	2.793%
27	14.778	1910	1913	1917	rBV4	3267	3824	1.16%	0.068%
28	14.854	1921	1926	1928	rBV3	6718	8283	2.51%	0.146%
29	14.972	1939	1946	1949	rBV2	25184	37290	11.29%	0.659%
30	15.024	1949	1955	1960	rVV	145944	226241	68.49%	3.998%
31	15.077	1960	1964	1969	rVV4	9236	13268	4.02%	0.234%
32	15.177	1975	1981	1989	rVV3	26553	41303	12.50%	0.730%
33	15.254	1989	1994	1999	rVB2	19356	26960	8.16%	0.476%
34	15.318	1999	2005	2012	rBV4	6268	10065	3.05%	0.178%
35	15.547	2033	2044	2048	rVV3	7217	11346	3.44%	0.201%
36	15.759	2077	2080	2083	rVV3	2647	2721	0.82%	0.048%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
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Acq On : 2 Mar 2023 18:49
Operator : CG/JU
Sample : 01710-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAA8

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-BG022323.M
Title : SVOA CALIBRATION

37	15.888	2098	2102	2107	rBV	1824	2541	0.77%	0.045%
38	15.965	2111	2115	2116	rVV4	3248	2556	0.77%	0.045%
39	16.006	2116	2122	2129	rVB	142045	221406	67.03%	3.913%
40	16.100	2133	2138	2148	rBV2	41432	68577	20.76%	1.212%
41	16.352	2174	2181	2190	rVV	51337	93014	28.16%	1.644%
42	16.429	2190	2194	2198	rVV2	21122	34589	10.47%	0.611%
43	16.464	2198	2200	2207	rVB4	14554	19300	5.84%	0.341%
44	16.558	2212	2216	2221	rVV2	6343	9392	2.84%	0.166%
45	16.623	2221	2227	2235	rVV	69767	105099	31.82%	1.857%
46	16.711	2235	2242	2247	rVB	16357	22688	6.87%	0.401%
47	16.834	2258	2263	2266	rBV2	3004	4773	1.45%	0.084%
48	17.187	2318	2323	2326	rVB3	2825	3554	1.08%	0.063%
49	17.351	2347	2351	2355	rBV2	6357	8095	2.45%	0.143%
50	17.445	2365	2367	2371	rVB3	2067	2599	0.79%	0.046%
51	17.522	2376	2380	2383	rVB5	2589	3687	1.12%	0.065%
52	17.633	2396	2399	2402	rVV5	4488	5940	1.80%	0.105%
53	17.704	2408	2411	2414	rVV3	6565	9549	2.89%	0.169%
54	17.757	2414	2420	2426	rVB	191767	292530	88.56%	5.170%
55	17.851	2430	2436	2443	rVB2	137361	208925	63.25%	3.692%
56	17.939	2443	2451	2456	rBV5	36966	60116	18.20%	1.062%
57	18.138	2478	2485	2488	rBV4	1642	3941	1.19%	0.070%
58	18.197	2492	2495	2500	rVB4	3013	3459	1.05%	0.061%
59	18.456	2535	2539	2540	rBV4	2891	3777	1.14%	0.067%
60	18.497	2542	2546	2553	rVB4	24368	33196	10.05%	0.587%
61	18.597	2558	2563	2571	rBV6	28413	62953	19.06%	1.113%
62	18.750	2587	2589	2595	rBV6	7494	12587	3.81%	0.222%
63	18.814	2596	2600	2603	rVV5	3972	5628	1.70%	0.099%
64	18.891	2611	2613	2615	rBV3	2695	3094	0.94%	0.055%
65	19.202	2662	2666	2670	rVV3	10257	13853	4.19%	0.245%
66	19.308	2680	2684	2687	rBV2	1750	2646	0.80%	0.047%
67	19.331	2687	2688	2693	rVB3	2862	2949	0.89%	0.052%
68	19.431	2703	2705	2708	rBV3	3653	4262	1.29%	0.075%
69	19.654	2739	2743	2747	rBV2	22410	29226	8.85%	0.517%
70	19.748	2755	2759	2763	rVB4	3094	4842	1.47%	0.086%
71	19.842	2772	2775	2782	rVV3	15576	18037	5.46%	0.319%
72	20.113	2815	2821	2826	rVB	180505	250559	75.86%	4.428%
73	20.160	2826	2829	2833	rVB3	11516	13257	4.01%	0.234%
74	20.218	2835	2839	2843	rBV	75295	88314	26.74%	1.561%
75	20.436	2871	2876	2880	rVV	122564	157230	47.60%	2.779%
76	20.471	2880	2882	2886	rVV	15573	17111	5.18%	0.302%

LSC Area Percent Report

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Data File : BG056796.D
Acq On : 2 Mar 2023 18:49
Operator : CG/JU
Sample : 01710-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBAA8

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-BG022323.M
Title : SVOA CALIBRATION

77	20.536	2889	2893	2896	rBV3	11278	12803	3.88%	0.226%
78	20.612	2902	2906	2913	rVB2	52988	65538	19.84%	1.158%
79	20.677	2913	2917	2921	rVV6	6116	8855	2.68%	0.156%
80	20.730	2923	2926	2927	rVV2	8893	9024	2.73%	0.159%
81	20.753	2927	2930	2934	rVV	27655	37913	11.48%	0.670%
82	20.812	2936	2940	2947	rVB	59866	74724	22.62%	1.321%
83	20.882	2947	2952	2957	rBV6	5538	12922	3.91%	0.228%
84	20.941	2957	2962	2971	rVB	166163	216190	65.45%	3.821%
85	21.064	2980	2983	2988	rVB	11542	13142	3.98%	0.232%
86	21.282	3016	3020	3025	rVV5	11736	16526	5.00%	0.292%
87	21.464	3045	3051	3060	rVB	225147	305030	92.35%	5.391%
88	21.634	3073	3080	3091	rBV2	47975	96174	29.12%	1.700%
89	22.063	3146	3153	3164	rVB	172396	308273	93.33%	5.448%
90	22.492	3222	3226	3229	rBV5	7012	9300	2.82%	0.164%
91	22.522	3229	3231	3239	rVB6	5155	9950	3.01%	0.176%
92	22.892	3289	3294	3295	rBV4	13138	19435	5.88%	0.343%
93	23.626	3413	3419	3421	rBV6	12406	23929	7.24%	0.423%
94	24.026	3484	3487	3497	rVB7	9307	17101	5.18%	0.302%
95	24.531	3563	3573	3579	rBV2	51445	119870	36.29%	2.118%
96	25.342	3701	3711	3722	rVB2	82591	232709	70.45%	4.113%
97	25.583	3741	3752	3765	rVB3	103832	330304	100.00%	5.838%
98	26.153	3841	3849	3859	rVB6	15805	46568	14.10%	0.823%
99	26.523	3910	3912	3915	rBV4	2051	2792	0.85%	0.049%
100	26.834	3957	3965	3975	rVB3	25875	78948	23.90%	1.395%

Sum of corrected areas: 5658311

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
Data File : BG056796.D
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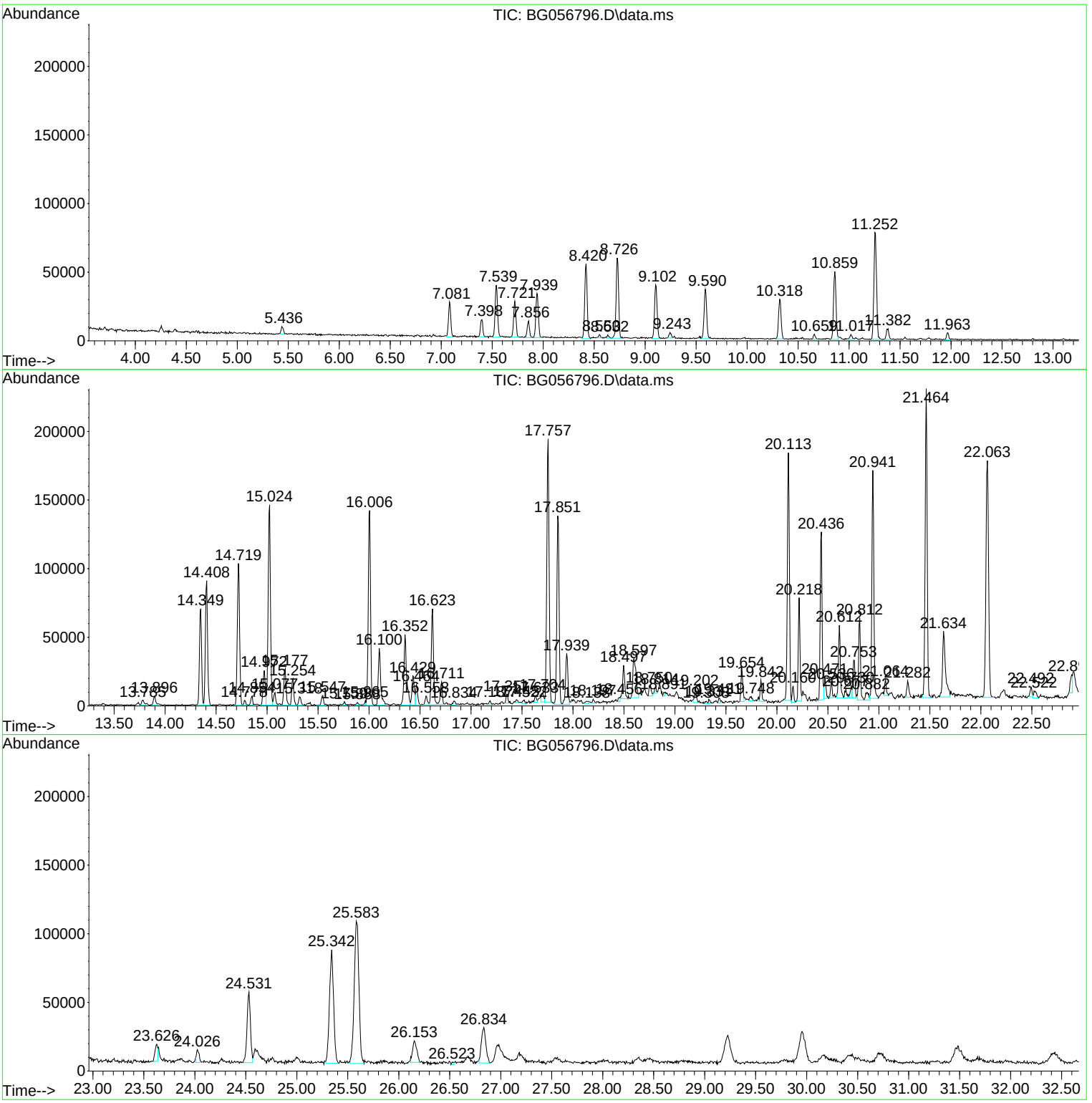
Operator : CG/JU
Sample : 01710-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
Data File : BG056796.D
Acq On : 2 Mar 2023 18:49
Operator : CG/JU
Sample : 01710-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

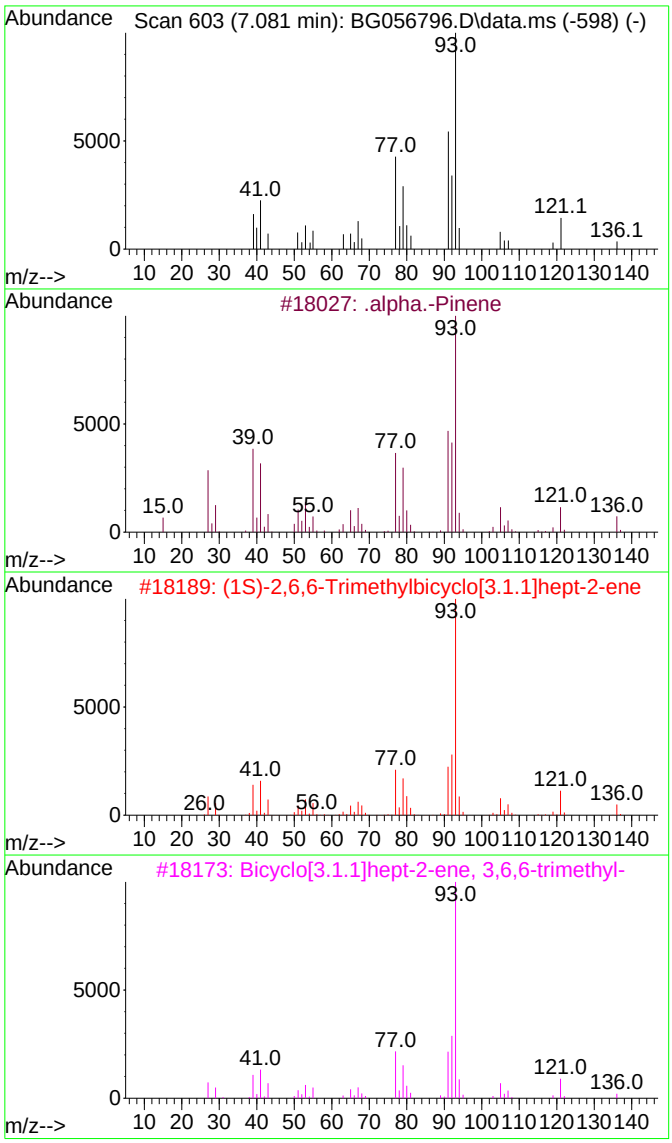
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

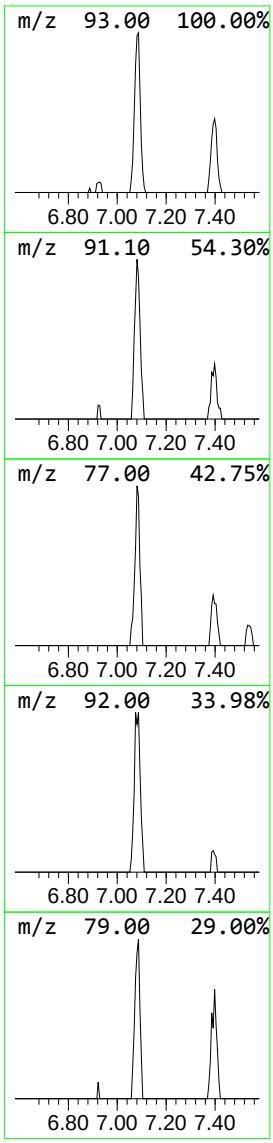
****

Peak Number 1 .alpha.-Pinene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.081	8.50 ng/ul	38816	1,4-Dichlorobenzene-d4	8.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	87
2	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	72
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	72
4	.alpha.-Pinene	136	C10H16	000080-56-8	72
5	3-Carene	136	C10H16	013466-78-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
Data File : BG056796.D
Acq On : 2 Mar 2023 18:49
Operator : CG/JU
Sample : 01710-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAA8

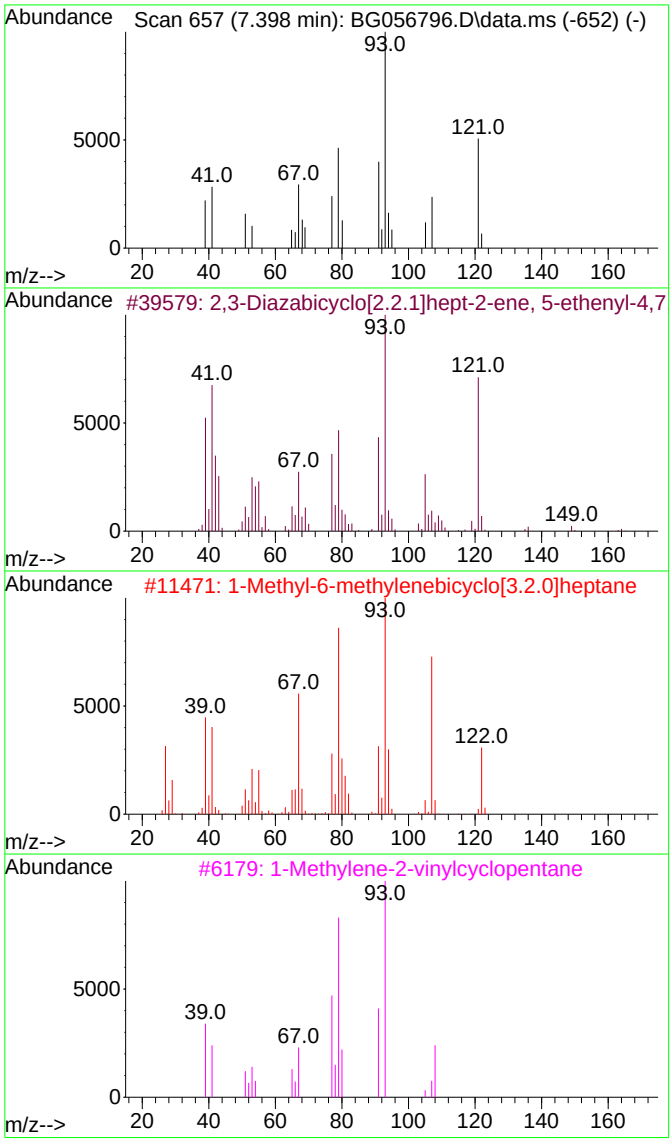
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

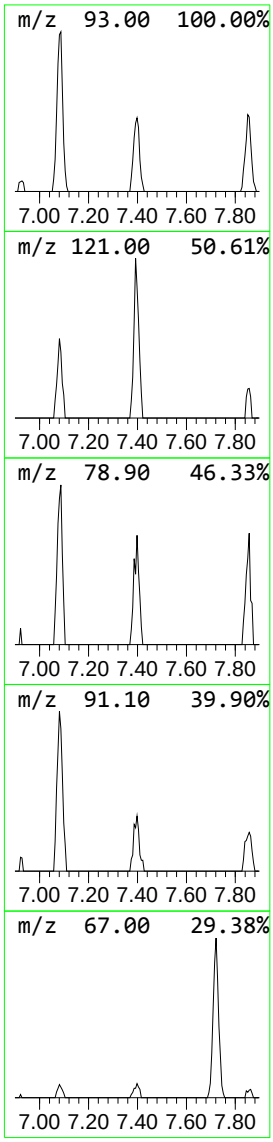
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,3-Diazabicyclo[2.2.1]hept... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.398	4.47 ng/ul	20392	1,4-Dichlorobenzene-d4	8.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Diazabicyclo[2.2.1]hept-2-en...	164	C10H16N2	1000221-84-7	50
2	1-Methyl-6-methylenebicyclo[3.2....	122	C9H14	1000210-90-0	50
3	1-Methylene-2-vinylcyclopentane	108	C8H12	006196-78-7	43
4	trans-.beta.-Ocimene	136	C10H16	003779-61-1	36
5	4,5,6,7-Tetrahydroindole	121	C8H11N	013618-91-2	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
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Sample : 01710-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAA8

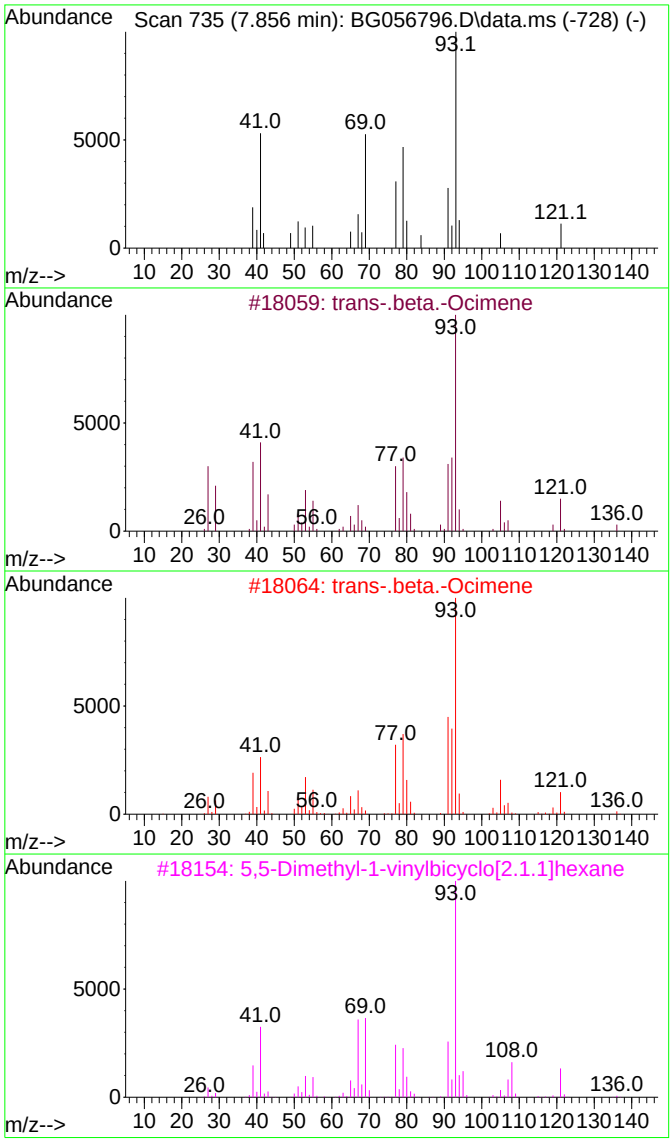
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

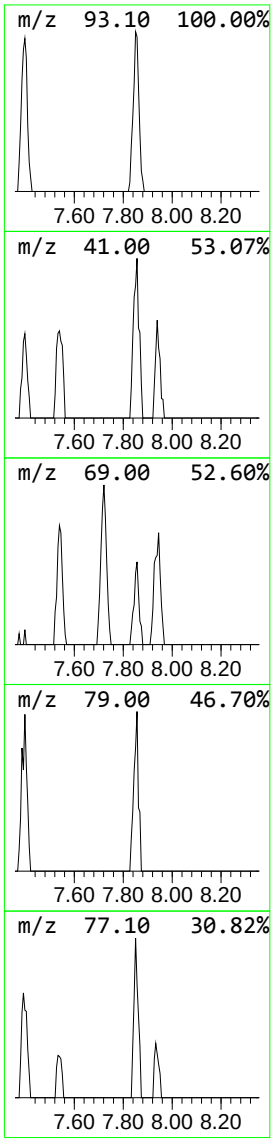
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 trans-.beta.-Ocimene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.856	4.30 ng/ul	19645	1,4-Dichlorobenzene-d4	8.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-.beta.-Ocimene	136	C10H16	003779-61-1	50
2	trans-.beta.-Ocimene	136	C10H16	003779-61-1	50
3	5,5-Dimethyl-1-vinylbicyclo[2.1....	136	C10H16	016626-39-4	50
4	trans-.beta.-Ocimene	136	C10H16	003779-61-1	45
5	1-Methylene-2-vinylcyclopentane	108	C8H12	006196-78-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
Data File : BG056796.D
Acq On : 2 Mar 2023 18:49
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Sample : 01710-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

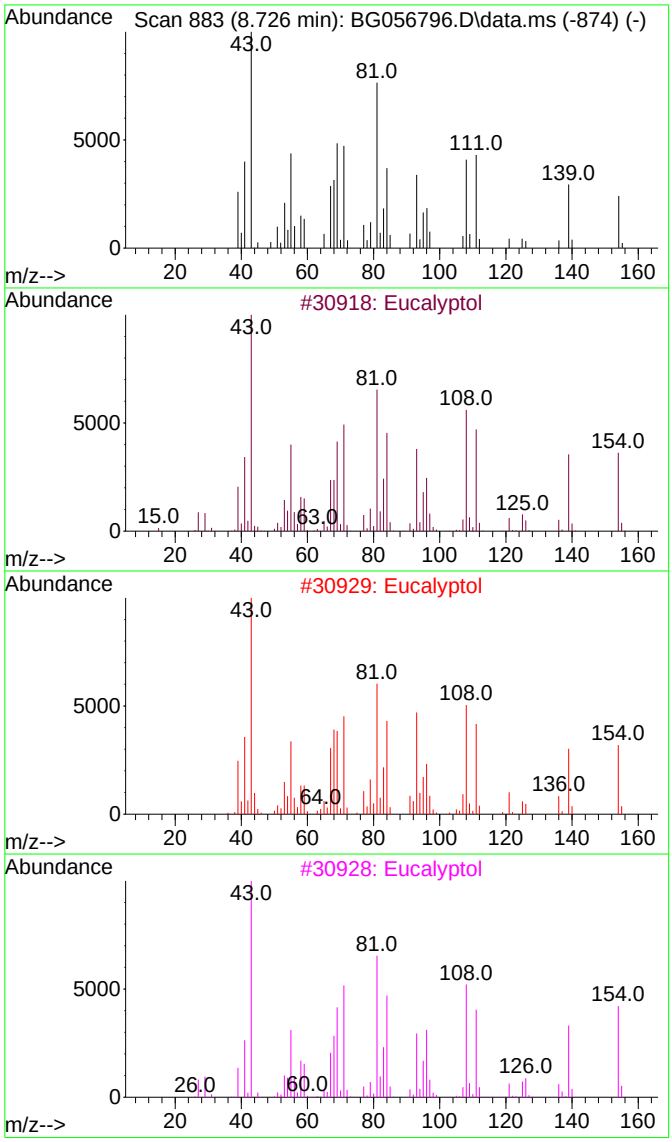
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

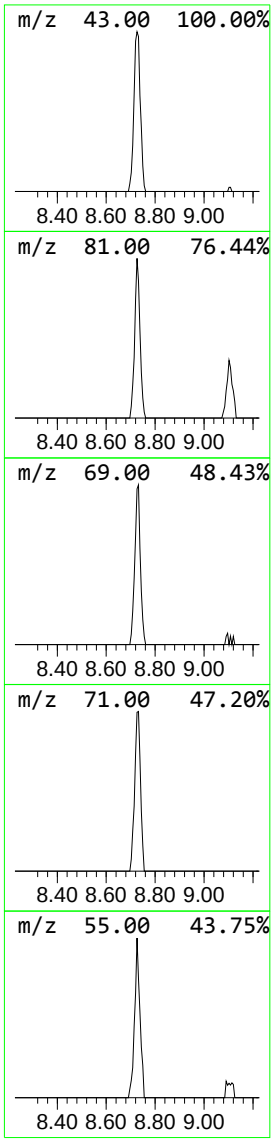
****

Peak Number 4 Eucalyptol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.726	21.76 ng/ul	99365	1,4-Dichlorobenzene-d4	8.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	93
2	Eucalyptol	154	C10H18O	000470-82-6	86
3	Eucalyptol	154	C10H18O	000470-82-6	86
4	Eucalyptol	154	C10H18O	000470-82-6	83
5	Eucalyptol	154	C10H18O	000470-82-6	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
Data File : BG056796.D
Acq On : 2 Mar 2023 18:49
Operator : CG/JU
Sample : 01710-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

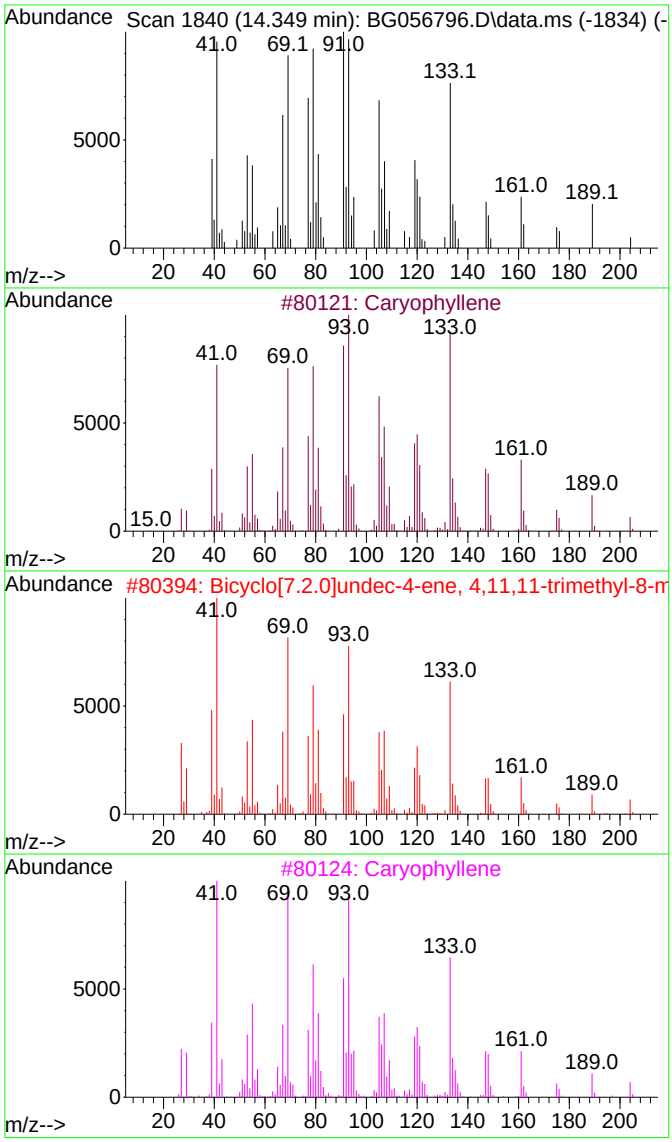
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

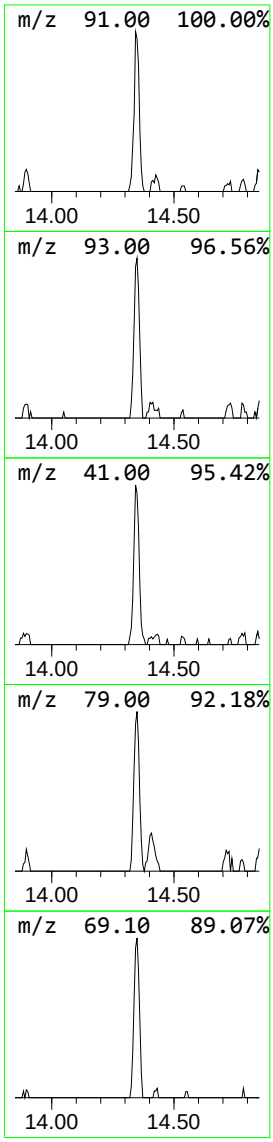
****

Peak Number 5 Caryophyllene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.349	8.92 ng/ul	100920	Acenaphthene-d10	15.025

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	99
2	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	92
3	Caryophyllene	204	C15H24	000087-44-5	90
4	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	80
5	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	78





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Acq On : 2 Mar 2023 18:49
Operator : CG/JU
Sample : 01710-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAA8

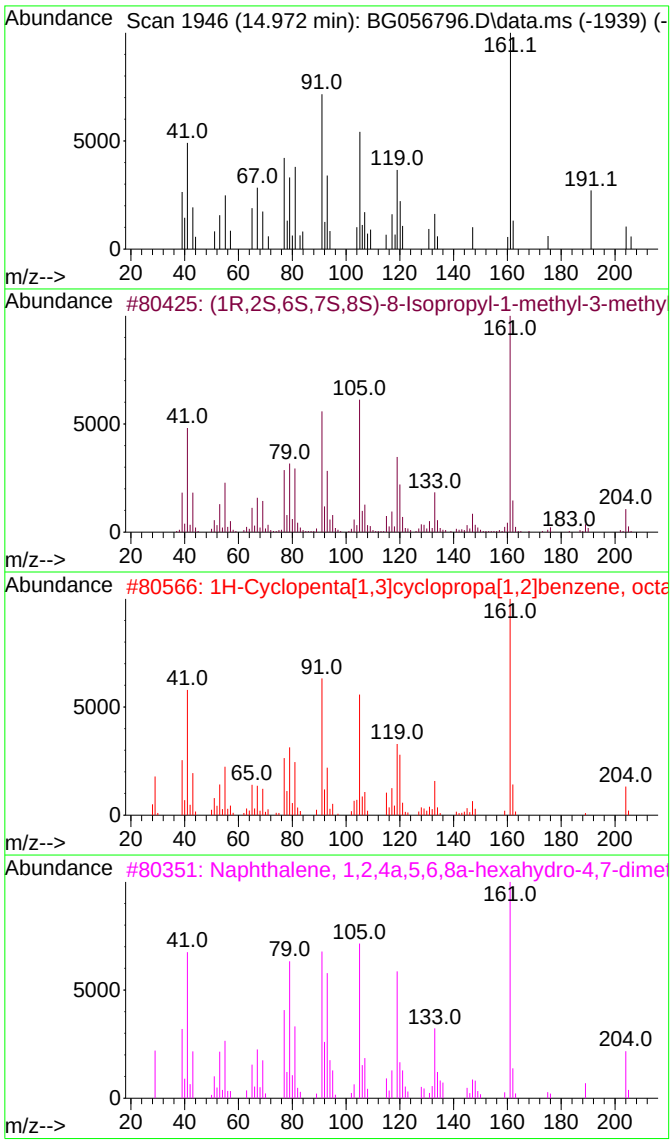
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

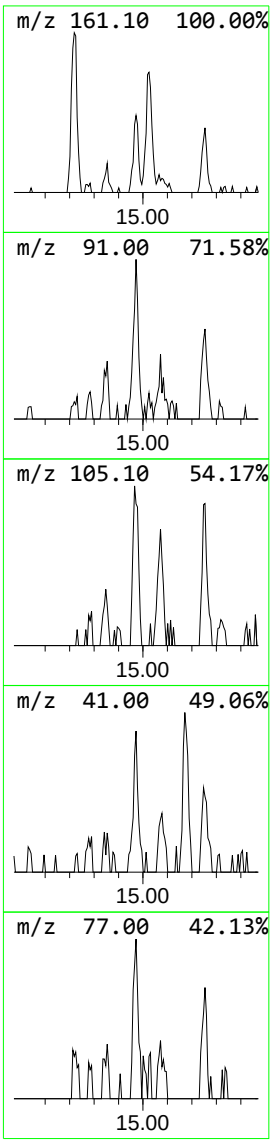
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (1R,2S,6S,7S,8S)-8-Isopropy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.972	3.30 ng/ul	37290	Acenaphthene-d10	15.025

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R,2S,6S,7S,8S)-8-Isopropyl-1-m...	204	C15H24	018252-44-3	98
2	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	95
3	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	90
4	Germacrene D	204	C15H24	023986-74-5	90
5	Bicyclo[4.4.0]dec-1-ene, 2-isopr...	204	C15H24	150320-52-8	83





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Sample : 01710-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAA8

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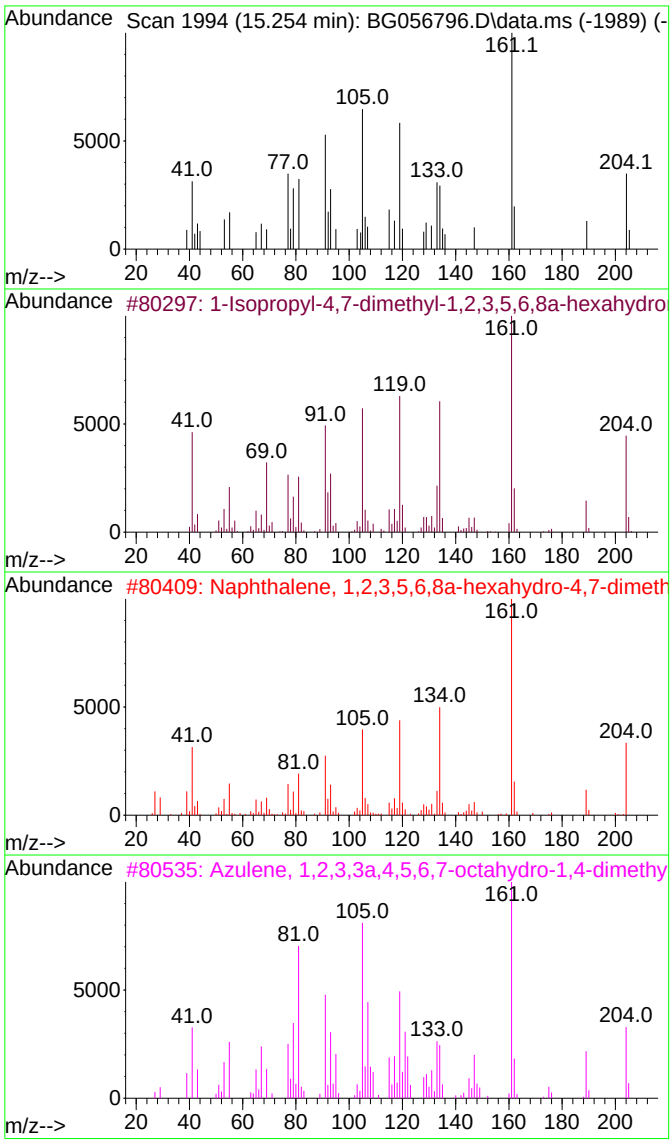
Quant Title : SVOA CALIBRATION

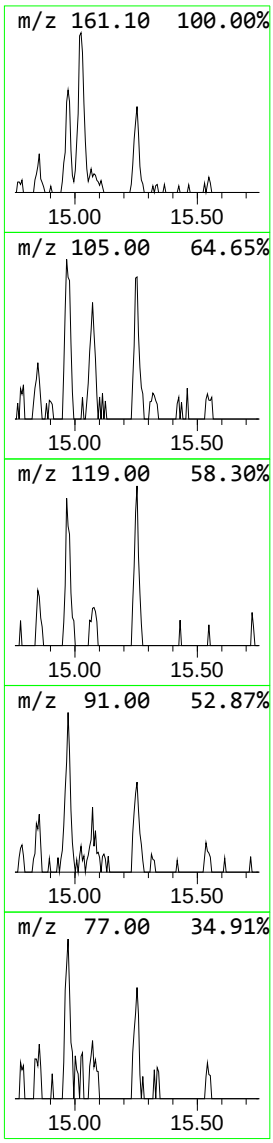
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Isopropyl-4,7-dimethyl-1,... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.254	2.38 ng/ul	26960	Acenaphthene-d10	15.025

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropyl-4,7-dimethyl-1,2,3,5...	204	C15H24	016729-01-4	93
2	Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	91
3	Azulene, 1,2,3,3a,4,5,6,7-octahy...	204	C15H24	022567-17-5	83
4	Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	83
5	.gamma.-Muurolene	204	C15H24	030021-74-0	81





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

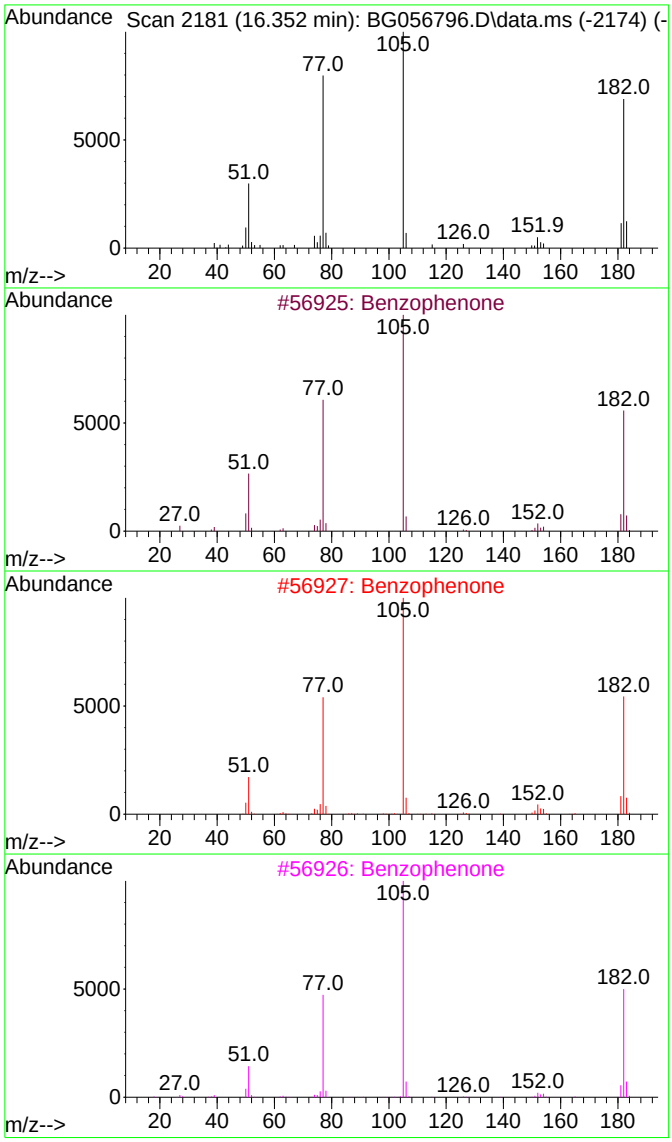
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

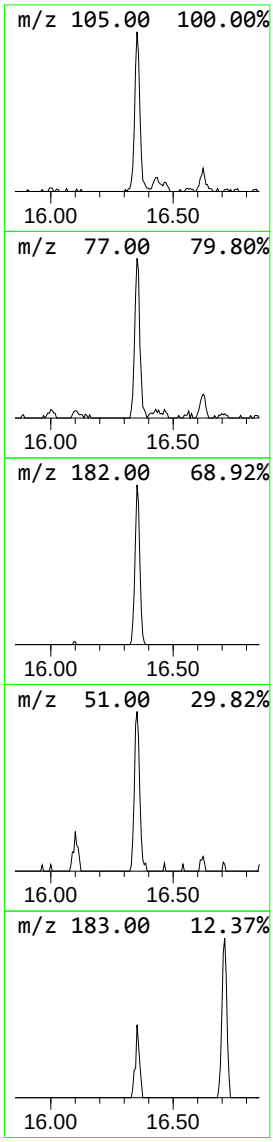
****

Peak Number 8 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.352	8.22 ng/ul	93014	Acenaphthene-d10	15.025

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	91
4	Benzophenone	182	C13H10O	000119-61-9	78
5	Benzophenone	182	C13H10O	000119-61-9	72





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Sample : 01710-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

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

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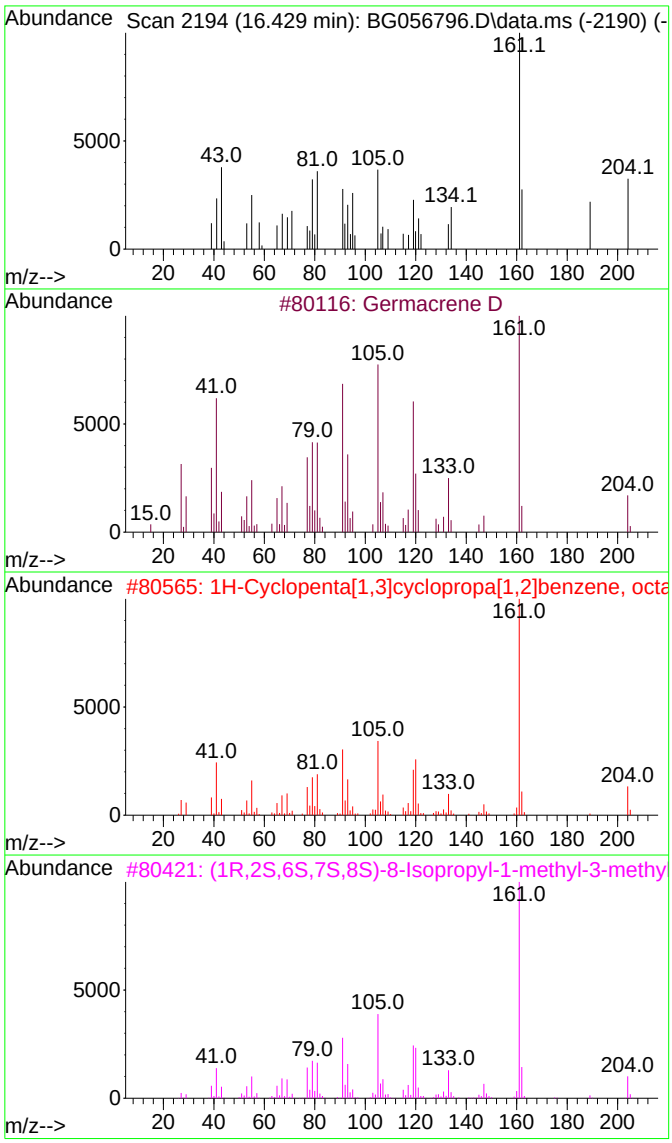
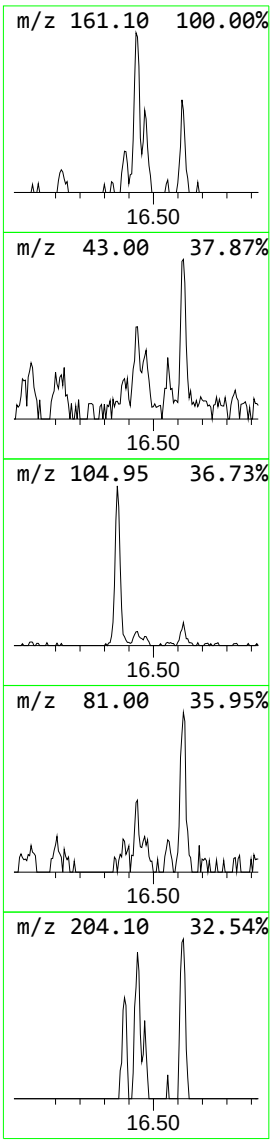
Peak Number 9 Germacrene D Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.429	2.36 ng/ul	34589	Phenanthrene-d10	17.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Germacrene D	204	C15H24	023986-74-5	64
2	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	64
3	(1R,2S,6S,7S,8S)-8-Isopropyl-1-m...	204	C15H24	018252-44-3	64
4	.beta.-GURJUNENE	204	C15H24	1000425-17-9	62
5	(1R,2S,6S,7S,8S)-8-Isopropyl-1-m...	204	C15H24	018252-44-3	58





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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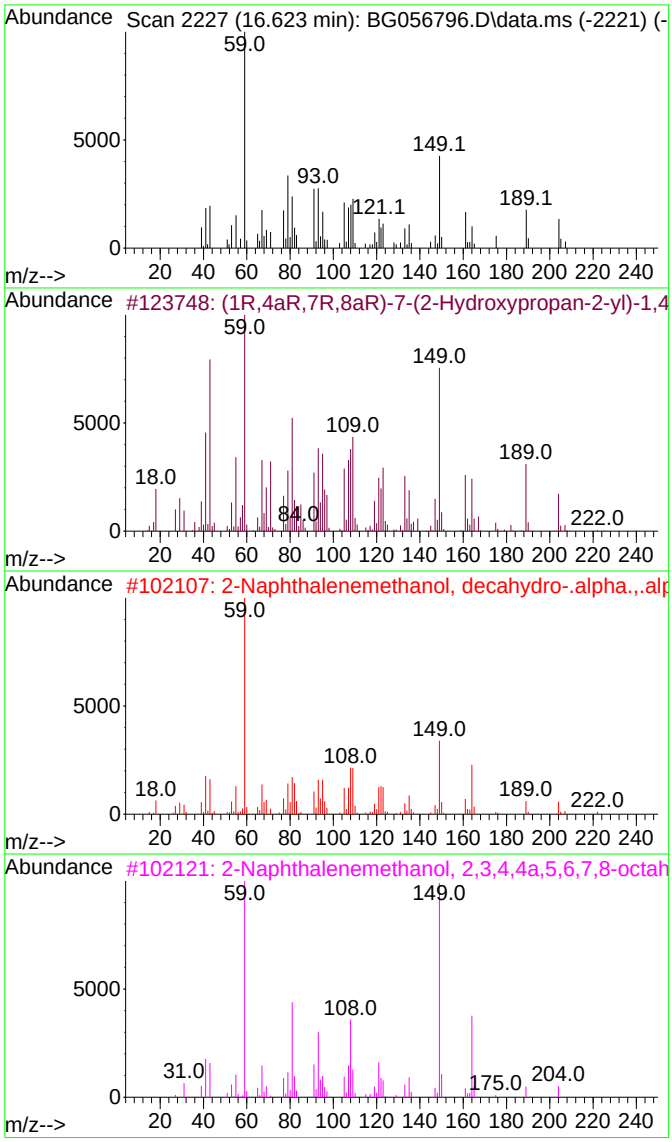
Quant Title : SVOA CALIBRATION

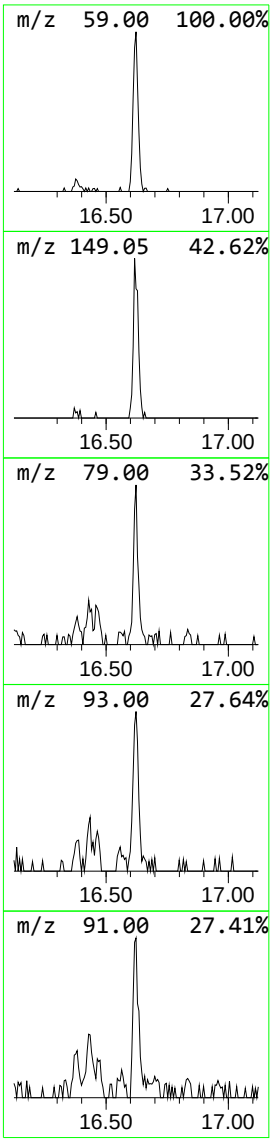
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (1R,4aR,7R,8aR)-7-(2-Hydrox... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.623	7.19 ng/ul	105099	Phenanthrene-d10	17.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R,4aR,7R,8aR)-7-(2-Hydroxyprop...	240	C15H28O2	004666-84-6	86
2	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	80
3	2-Naphthalenemethanol, 2,3,4,4a,...	222	C15H26O	063891-61-2	59
4	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	56
5	2-(4a,8-Dimethyl-2,3,4,5,6,8a-he...	222	C15H26O	1000411-50-1	49





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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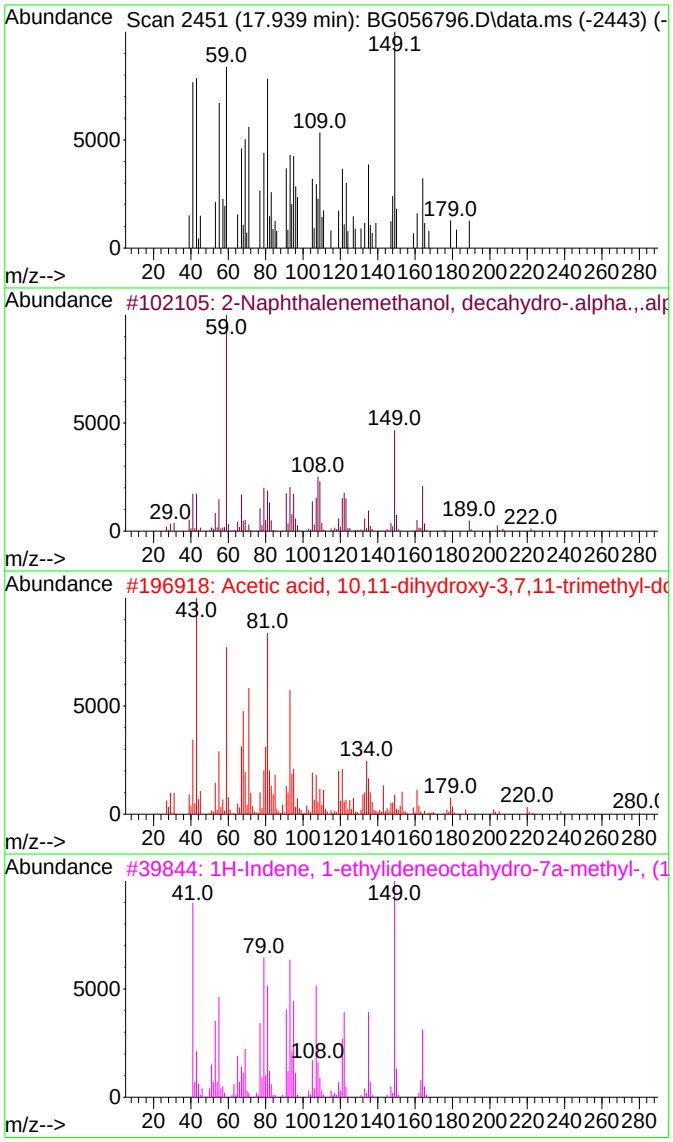
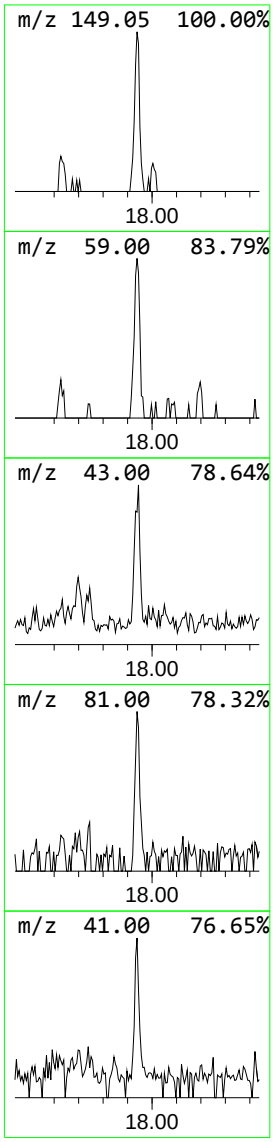
Peak Number 11 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	4.11 ng/ul	60116	Phenanthrene-d10	17.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	30
2	Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	30
3	1H-Indene, 1-ethylideneoctahydro...	164	C12H20	056324-68-6	22
4	1H-Indene, 1-ethylideneoctahydro...	164	C12H20	056324-69-7	20
5	1H-Indene, 1-ethylideneoctahydro...	164	C12H20	056362-87-9	20





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Sample : 01710-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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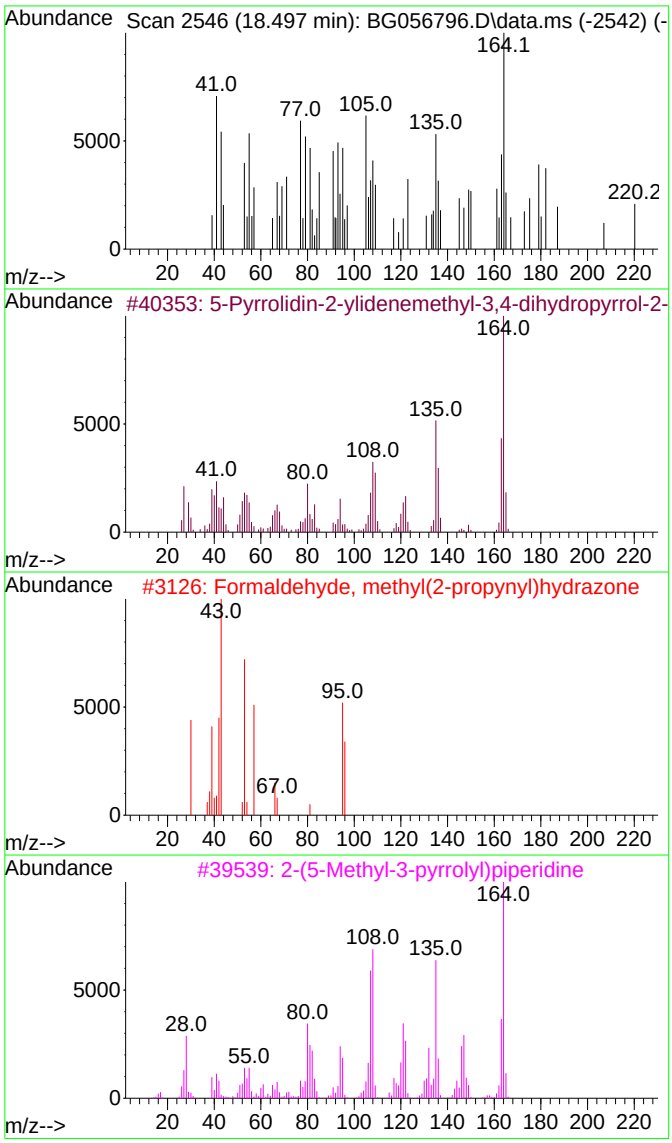
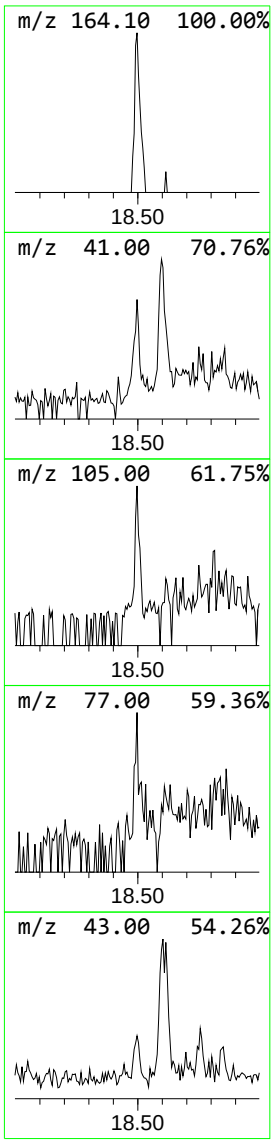
Peak Number 12 unknown-02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.497	2.27 ng/ul	33196	Phenanthrene-d10	17.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Pyrrolidin-2-ylidenemethyl-3,4...	164	C9H12N2O	1010192-09-5	42
2	Formaldehyde, methyl(2-propynyl)...	96	C5H8N2	110213-10-0	22
3	2-(5-Methyl-3-pyrrolyl)piperidine	164	C10H16N2	1000245-18-2	18
4	Longipinocarveol, trans-	220	C15H24O	1000159-36-5	15
5	2-Acetoxy-4-(1,1-dimethyl-2-oxop...	248	C14H16O4	1000433-36-3	14





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Sample : 01710-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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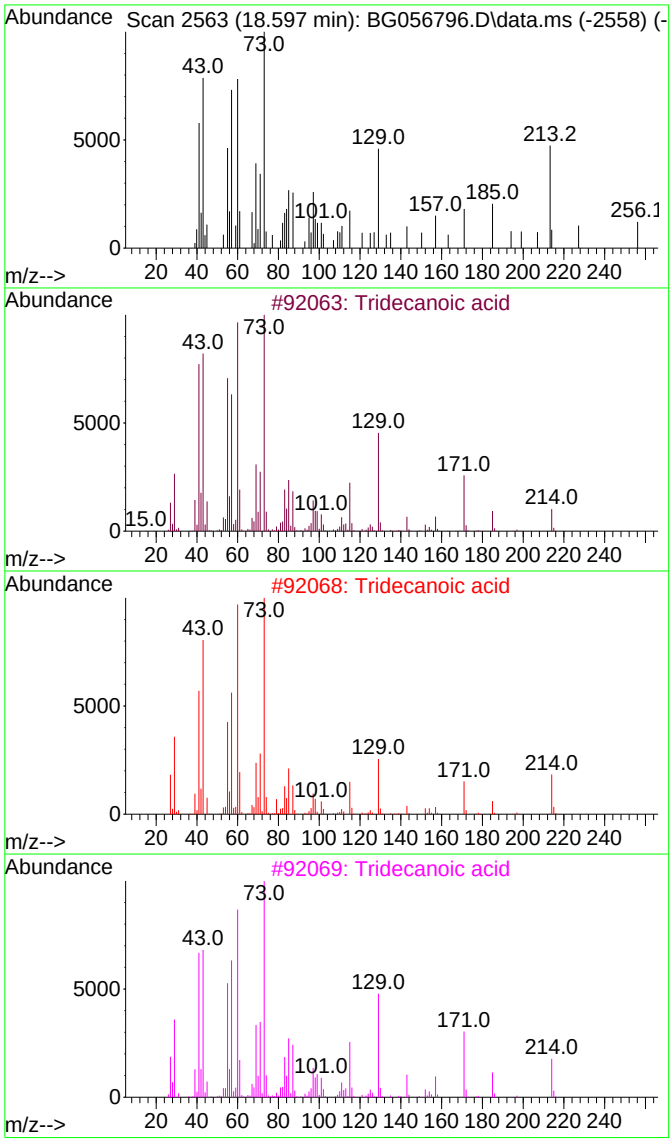
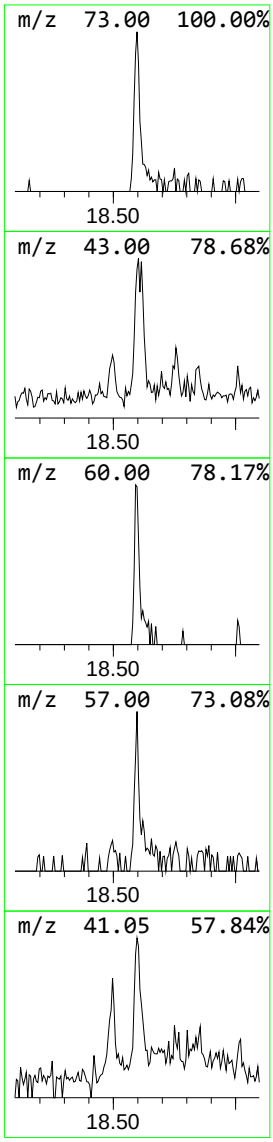
Peak Number 13 Tridecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.597	4.30 ng/ul	62953	Phenanthrene-d10	17.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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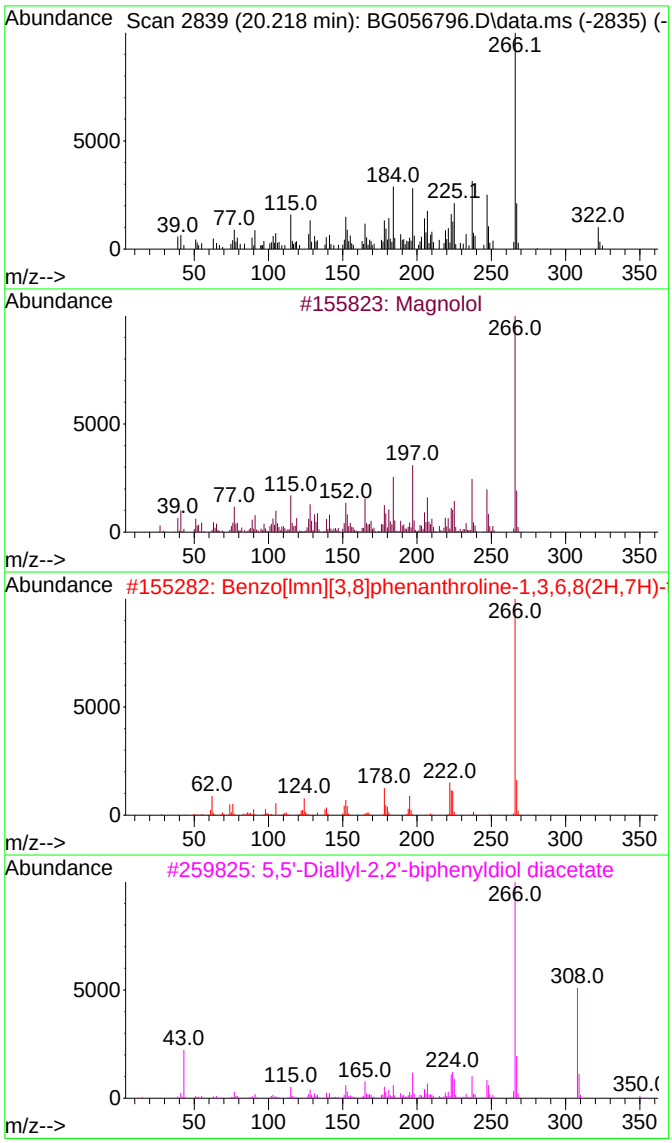
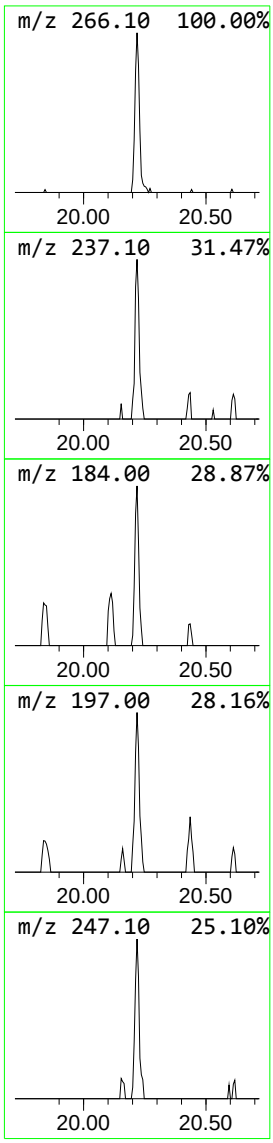
Peak Number 14 Magnolol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.218	5.73 ng/ul	88314	Chrysene-d12	22.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Magnolol	266	C18H18O2	000528-43-8	96
2	Benzo[lmn][3,8]phenanthroline-1,...	266	C14H6N2O4	005690-24-4	83
3	5,5'-Diallyl-2,2'-biphenyldiol d...	350	C22H22O4	1000384-18-2	50
4	2,3-Dihydro-7-methyl-5-phenyl-1H...	266	C16H14N2S	002888-60-0	46
5	2-(Dimethylamino)-1,3-benzothiaz...	266	C12H18N2OSSi	1000474-64-0	46





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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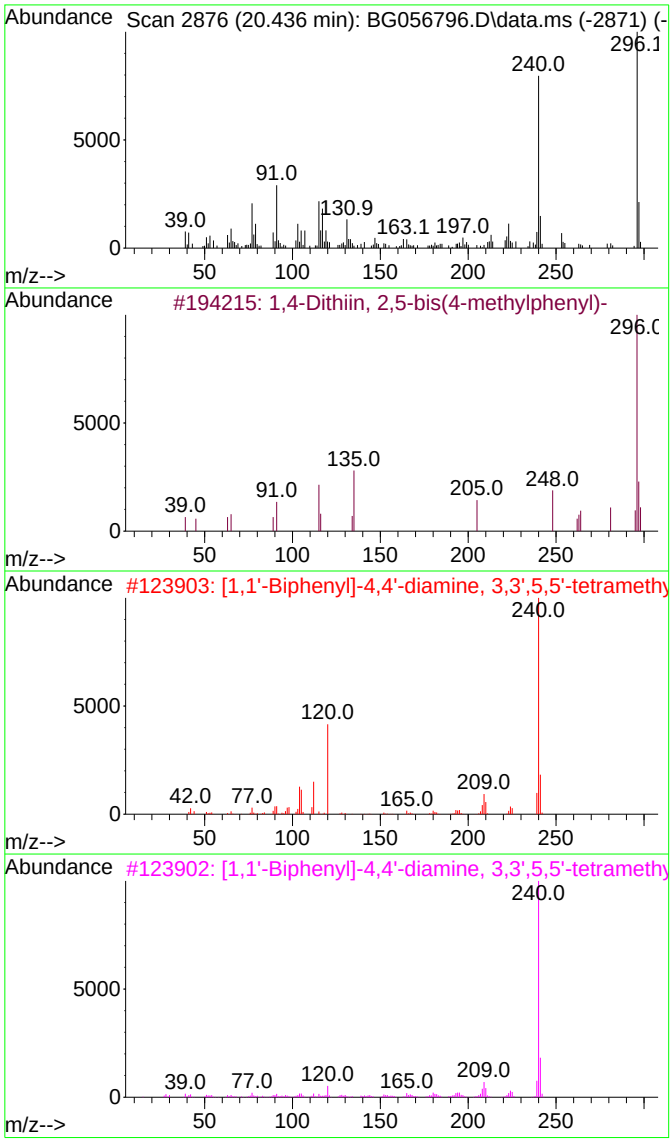
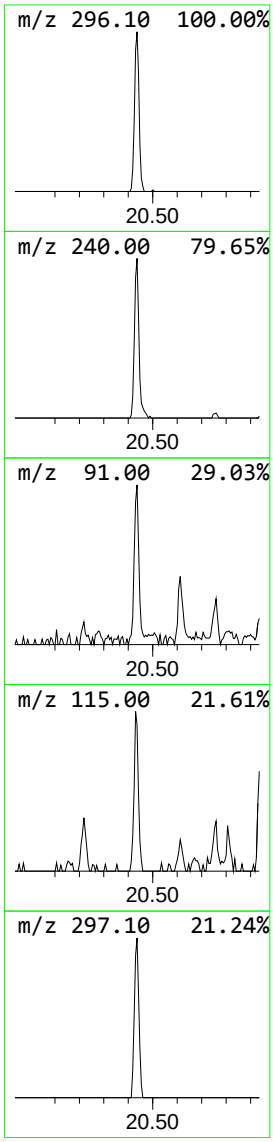
Peak Number 15 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.436	10.20 ng/ul	157230	Chrysene-d12	22.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dithiin, 2,5-bis(4-methylphe...	296	C18H16S2	037989-48-3	38
2	[1,1'-Biphenyl]-4,4'-diamine, 3,...	240	C16H20N2	054827-17-7	38
3	[1,1'-Biphenyl]-4,4'-diamine, 3,...	240	C16H20N2	054827-17-7	38
4	5H-phenaleno[1,9-bc]pyran-5-one,...	296	C21H12O2	1000400-06-2	30
5	4-[(2R,3R)-2,3-Dihydro-3-methyl-...	296	C19H20O3	109225-40-3	30





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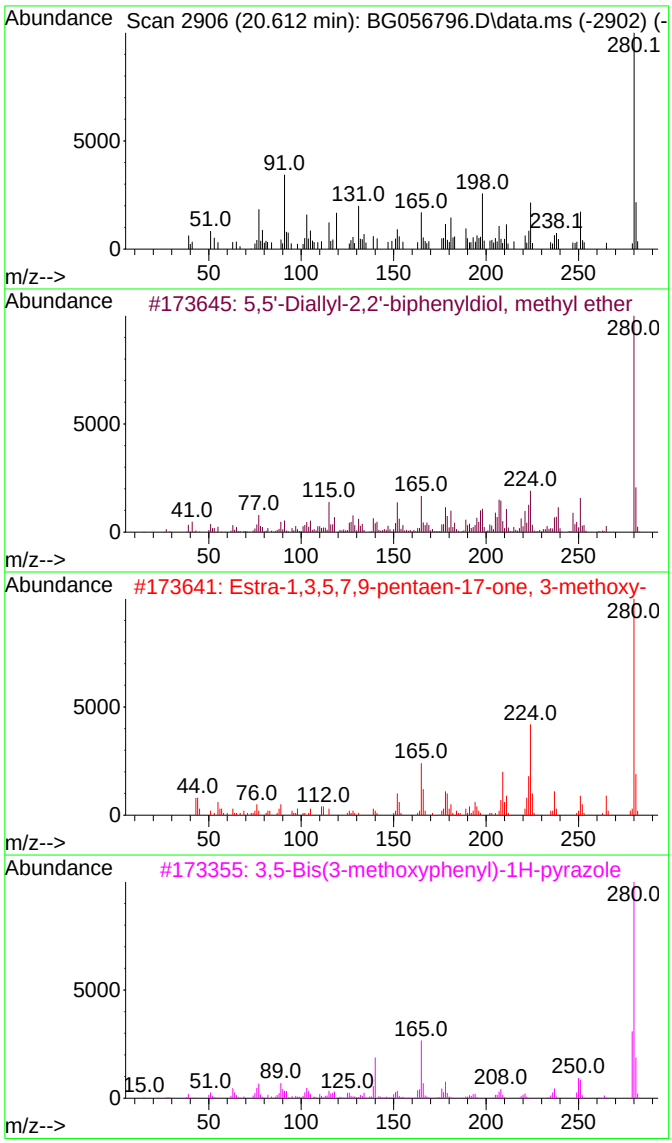
Quant Title : SVOA CALIBRATION

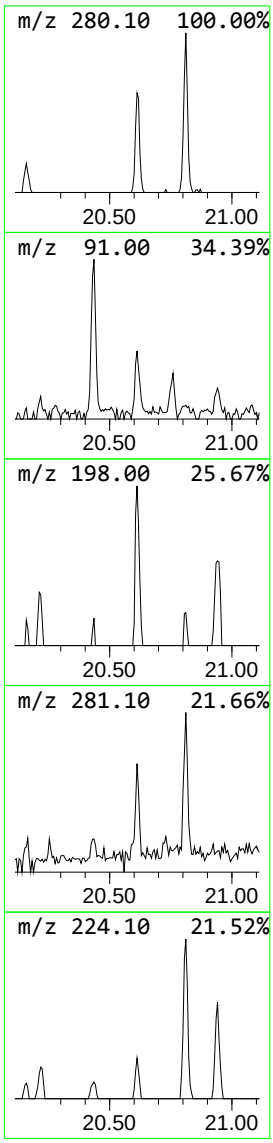
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 5,5'-Diallyl-2,2'-biphenyld... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.612	4.25 ng/ul	65538	Chrysene-d12	22.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5'-Diallyl-2,2'-biphenyldiol, ...	280	C19H20O2	1000384-18-6	76
2	Estra-1,3,5,7,9-pentaen-17-one, ...	280	C19H20O2	003907-67-3	70
3	3,5-Bis(3-methoxyphenyl)-1H-pyra...	280	C17H16N2O2	1159988-49-4	64
4	3-Hydroxy-D-homoestra-1,3,5(10),...	280	C19H20O2	1010215-90-6	60
5	4H-Pirazino[3,2,1-j,k]carbazole-...	280	C18H20N2O	313647-35-7	55





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Data File : BG056796.D
Acq On : 2 Mar 2023 18:49
Operator : CG/JU
Sample : 01710-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

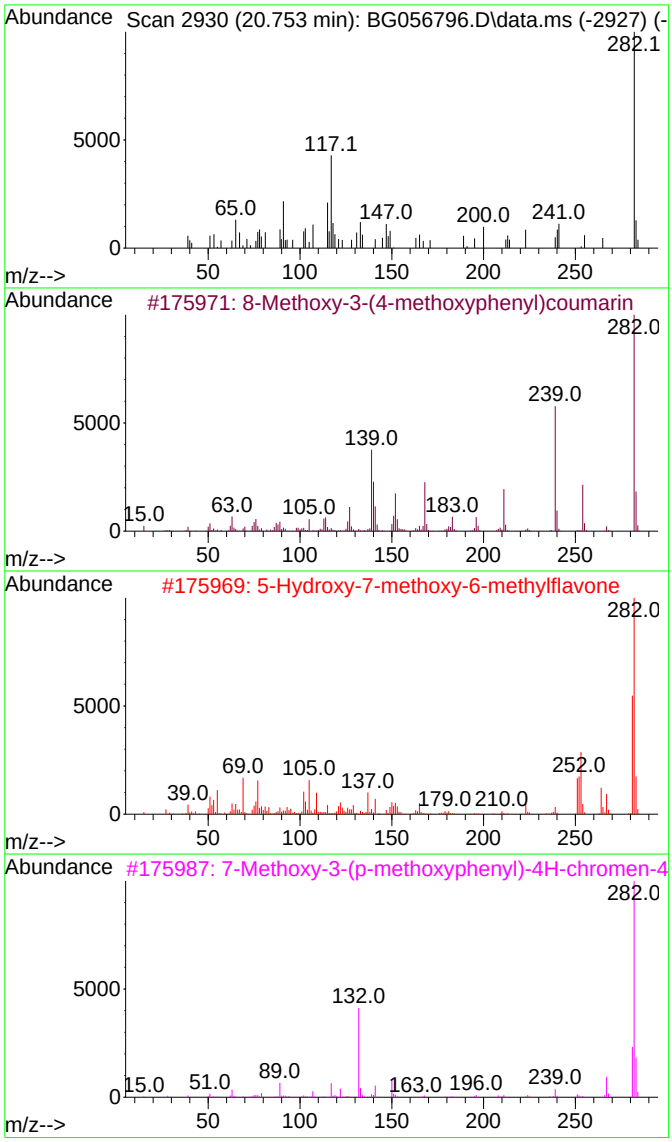
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

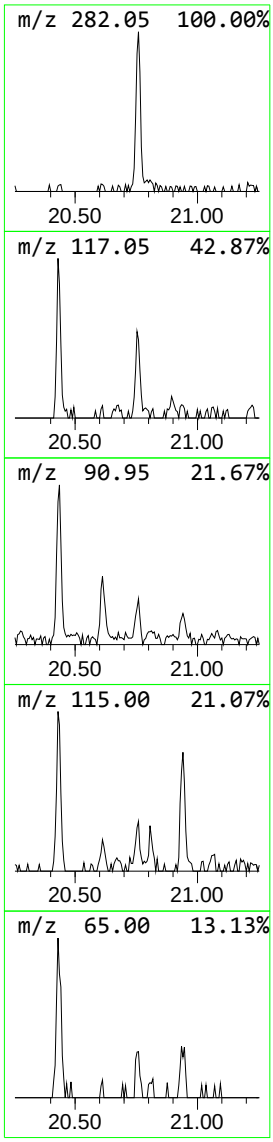
****

Peak Number 17 unknown-04 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.753	2.46 ng/ul	37913	Chrysene-d12	22.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Methoxy-3-(4-methoxyphenyl)cou...	282	C17H14O4	059276-88-9	47
2	5-Hydroxy-7-methoxy-6-methylflavone	282	C17H14O4	055969-57-8	43
3	7-Methoxy-3-(p-methoxyphenyl)-4H...	282	C17H14O4	001157-39-7	43
4	Dimethyldaidzin	282	C17H14O4	020979-50-4	37
5	7-Methoxy-3-(4-methoxyphenyl)cou...	282	C17H14O4	003173-00-0	37





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Acq On : 2 Mar 2023 18:49
Operator : CG/JU
Sample : 01710-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

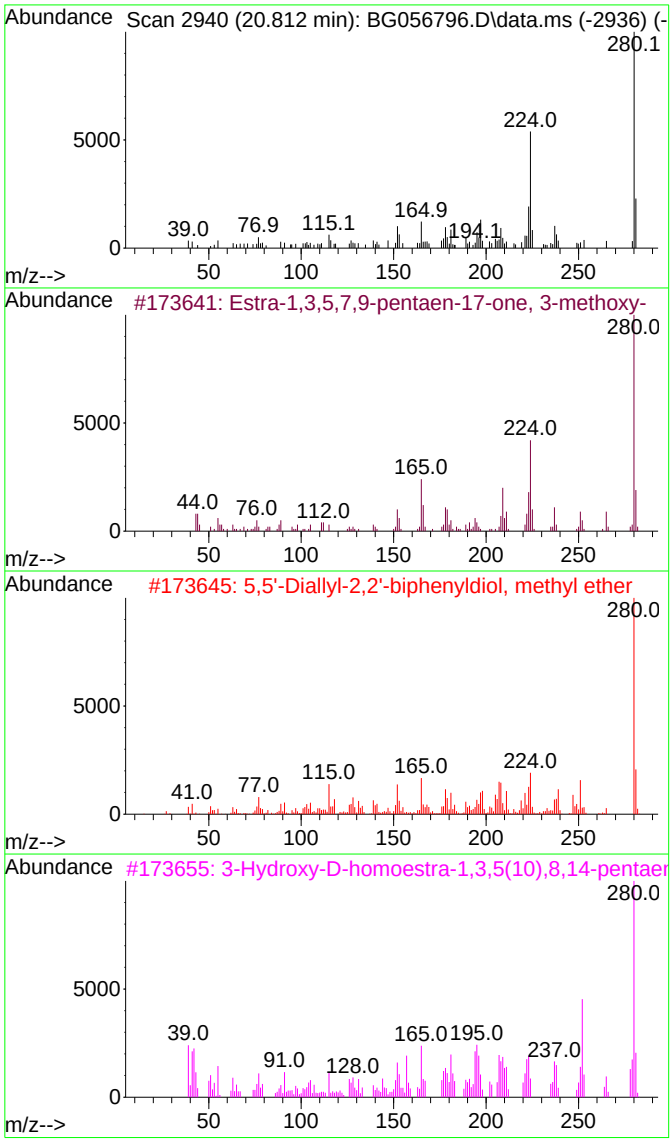
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

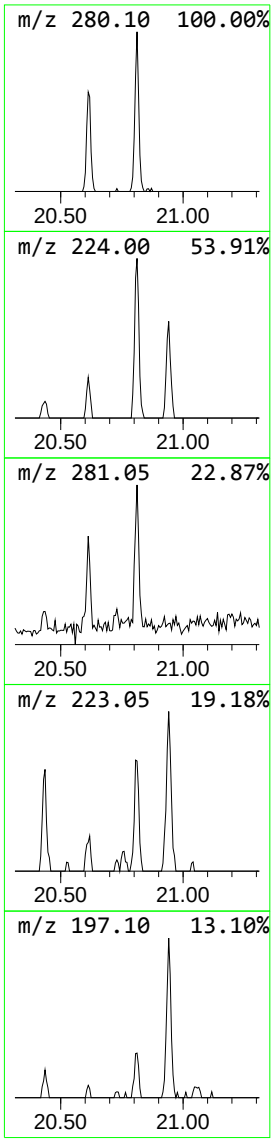
****

Peak Number 18 Estra-1,3,5,7,9-pentaen-17-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.812	4.85 ng/ul	74724	Chrysene-d12	22.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Estra-1,3,5,7,9-pentaen-17-one, ...	280	C19H20O2	003907-67-3	87
2	5,5'-Diallyl-2,2'-biphenyldiol, ...	280	C19H20O2	1000384-18-6	59
3	3-Hydroxy-D-homoestra-1,3,5(10),...	280	C19H20O2	1010215-90-6	58
4	Estra-1,3,5,7,9-pentaen-17-one, ...	280	C19H20O2	003907-67-3	47
5	3-Methoxy-D-homo-18-norestra-1,3...	280	C19H20O2	021070-83-7	47





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Operator : CG/JU
Sample : 01710-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

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

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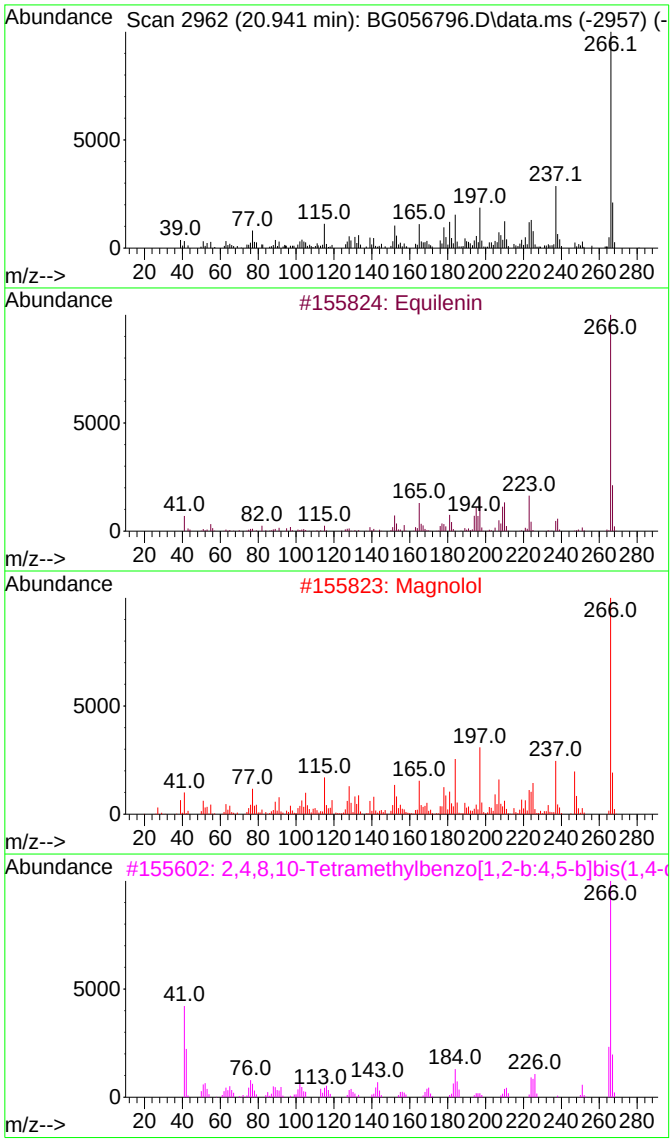
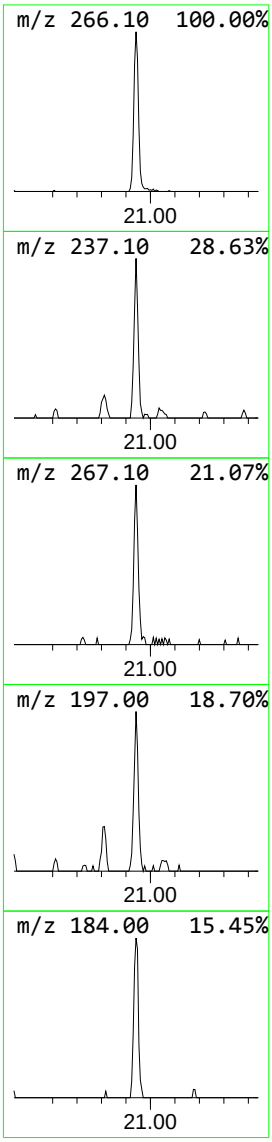
Peak Number 19 Equilenin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.941	14.03 ng/ul	216190	Chrysene-d12	22.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Equilenin	266	C18H18O2	000517-09-9	89
2	Magnolol	266	C18H18O2	000528-43-8	80
3	2,4,8,10-Tetramethylbenzo[1,2-b:...	266	C16H18N4	017377-04-7	62
4	6-Ethylphenazine-1-carboxylic ac...	266	C16H14N2O2	261351-38-6	60
5	10-Nitro-15-oxa-14-azatetracyclo...	266	C14H6N2O4	085192-91-2	60





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Acq On : 2 Mar 2023 18:49
Operator : CG/JU
Sample : 01710-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

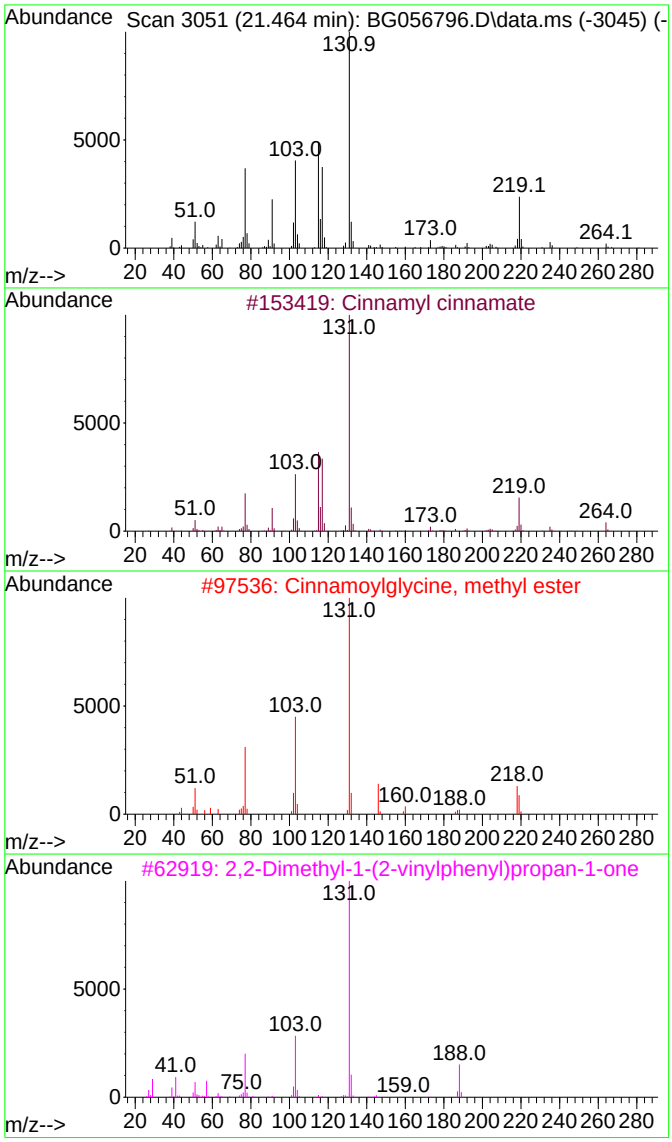
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

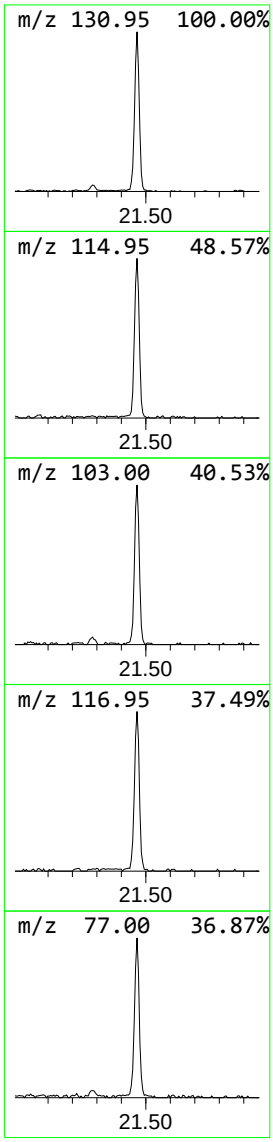
****

Peak Number 20 Cinnamyl cinnamate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.464	19.79 ng/ul	305030	Chrysene-d12	22.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	91
2	Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	50
3	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	49
4	3-phenylprop-2-enoic anhydride	278	C18H14O3	1010401-87-5	47
5	Propanedioic acid, nitrile, hydr...	229	C12H11N3O2	294878-35-6	47





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Acq On : 2 Mar 2023 18:49
Operator : CG/JU
Sample : 01710-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAA8

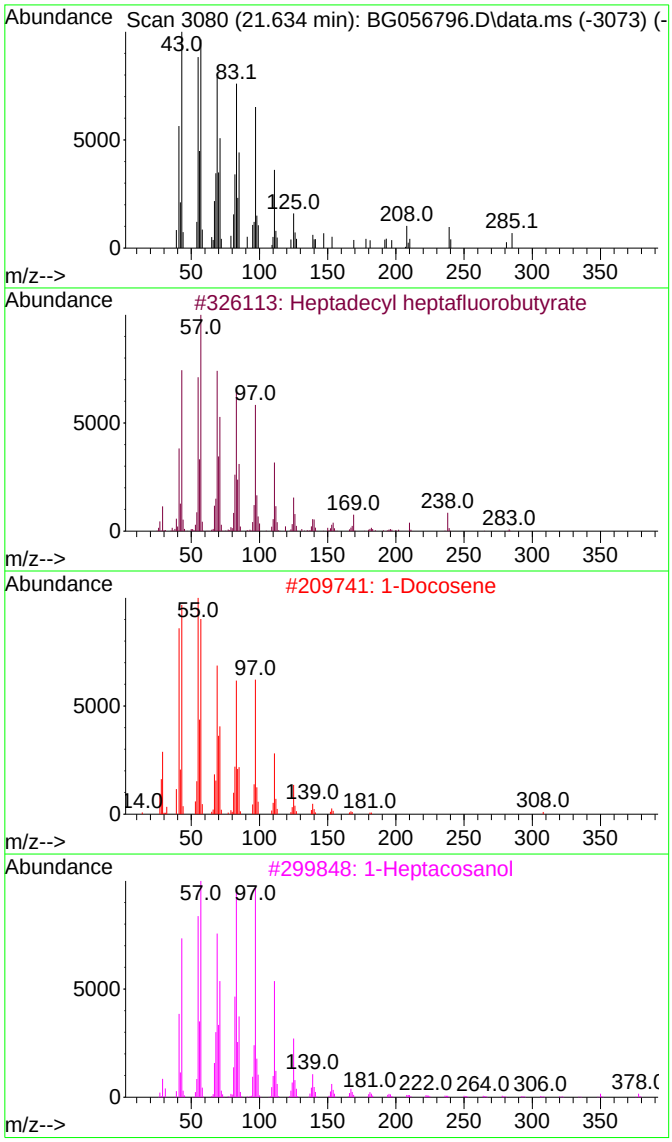
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

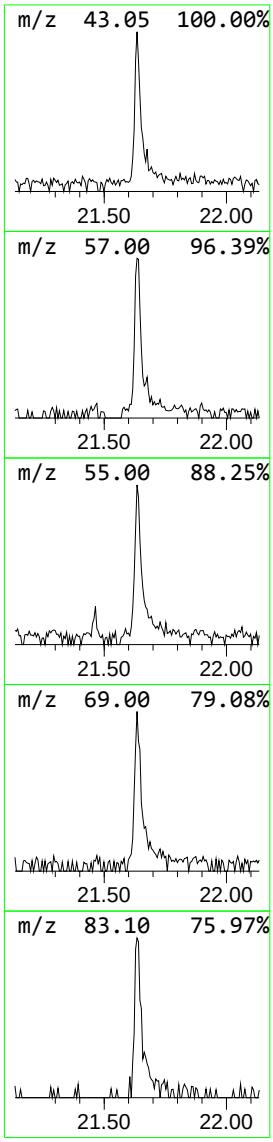
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Heptadecyl heptafluorobutyrate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.634	6.24 ng/ul	96174	Chrysene-d12	22.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
2	1-Docosene	308	C22H44	001599-67-3	92
3	1-Heptacosanol	396	C27H56O	002004-39-9	90
4	1-Tetracosene	336	C24H48	010192-32-2	90
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	90





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Acq On : 2 Mar 2023 18:49
Operator : CG/JU
Sample : 01710-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAA8

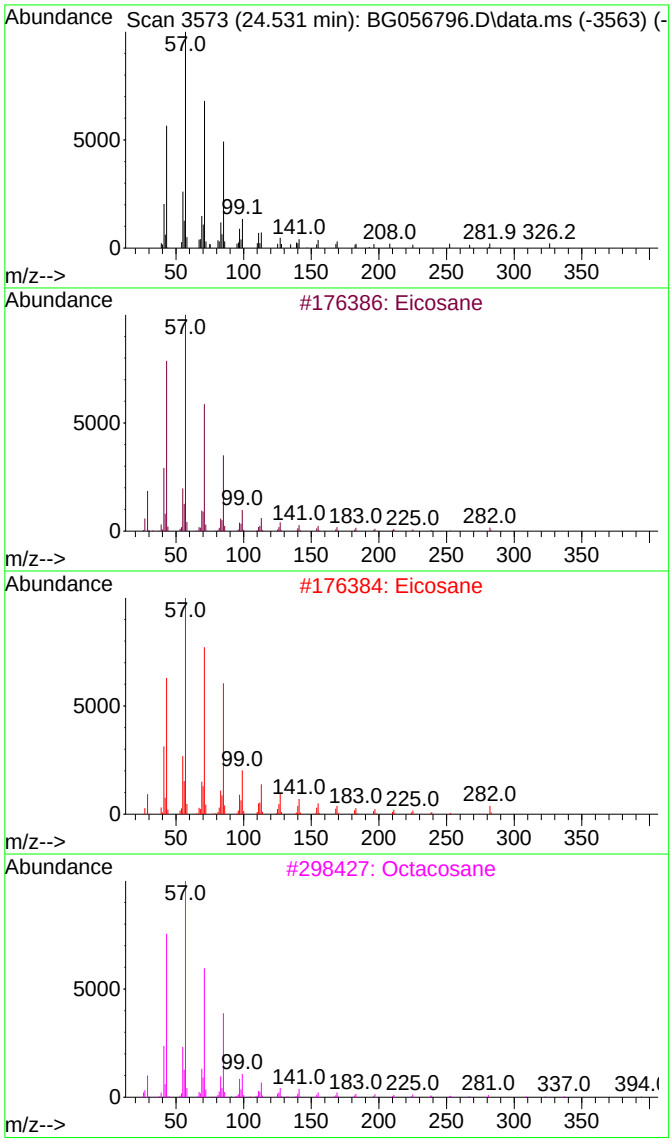
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

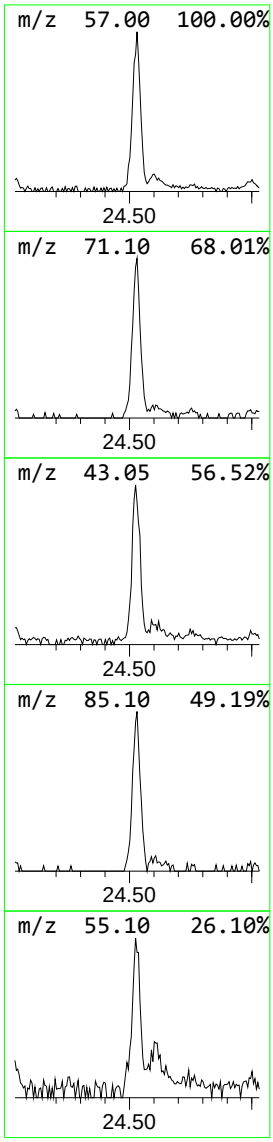
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.531	7.26 ng/ul	119870	Perylene-d12	25.589

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Eicosane	282	C20H42	000112-95-8	93
3	Octacosane	394	C28H58	000630-02-4	87
4	Octadecane	254	C18H38	000593-45-3	87
5	Docosane	310	C22H46	000629-97-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
Data File : BG056796.D
Acq On : 2 Mar 2023 18:49
Operator : CG/JU
Sample : 01710-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAA8

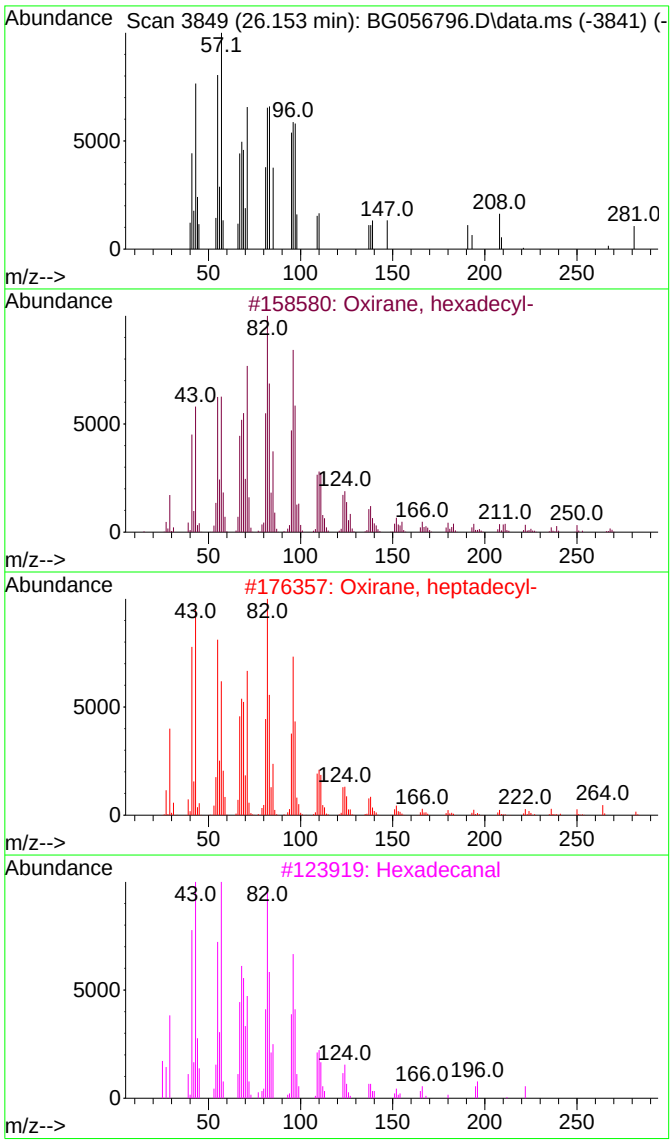
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

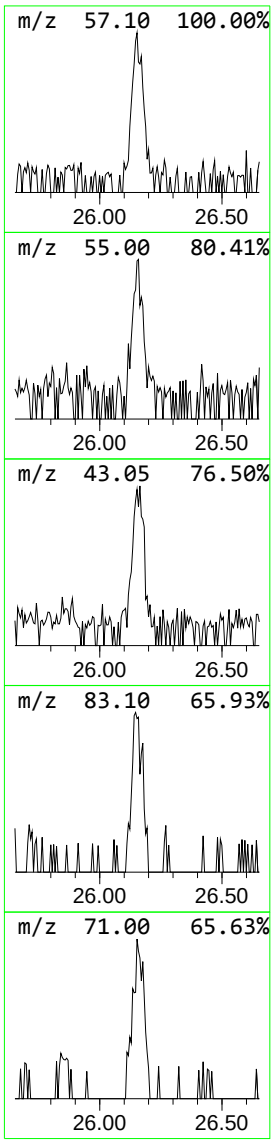
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Oxirane, hexadecyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.153	2.82 ng/ul	46568	Perylene-d12	25.589

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	59
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	53
3	Hexadecanal	240	C16H32O	000629-80-1	53
4	Eicosanal-	296	C20H40O	002400-66-0	53
5	Octadecanal	268	C18H36O	000638-66-4	50





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Data File : BG056796.D
Acq On : 2 Mar 2023 18:49
Operator : CG/JU
Sample : 01710-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAA8

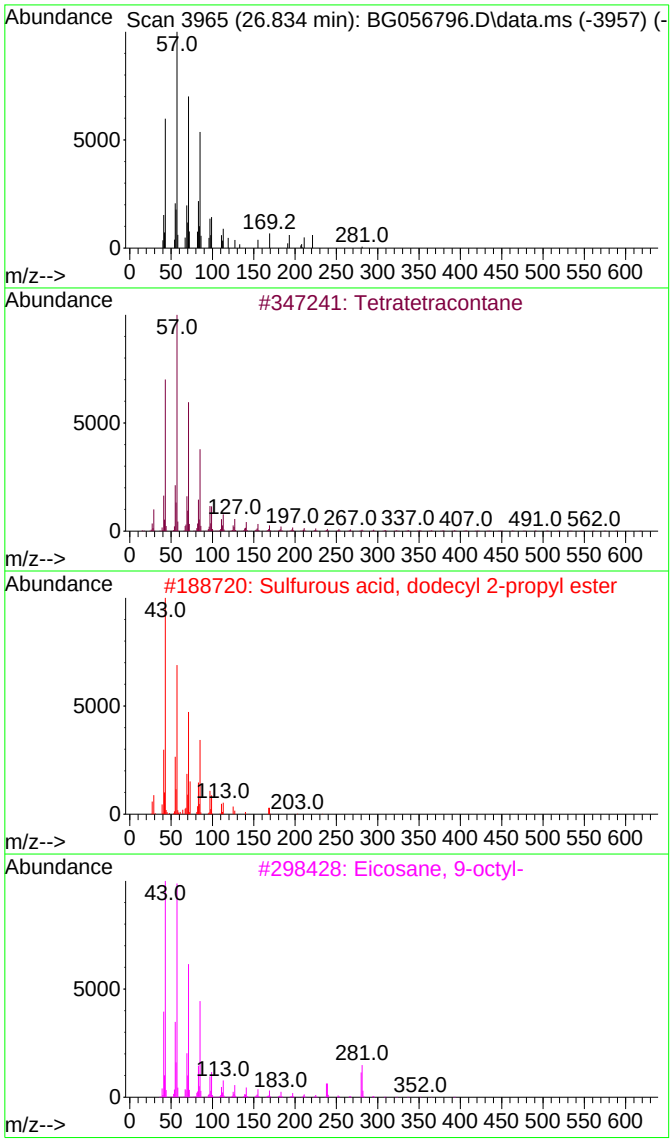
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

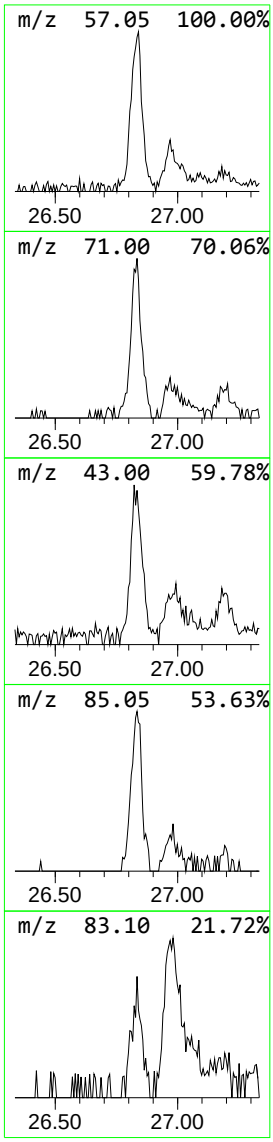
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.834	4.78 ng/ul	78948	Perylene-d12	25.589

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	87
2	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	86
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	86
4	Tetratetracontane	619	C44H90	007098-22-8	86
5	Heptacosane	380	C27H56	000593-49-7	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
Data File : BG056796.D
Acq On : 2 Mar 2023 18:49
Operator : CG/JU
Sample : 01710-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.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
.alpha.-Pinene	7.081	8.5	ng/ul	38816	1	8.415	91330	20.0
2,3-Diazabicycl...	7.398	4.5	ng/ul	20392	1	8.415	91330	20.0
trans-.beta.-Oc...	7.856	4.3	ng/ul	19645	1	8.415	91330	20.0
Eucalyptol	8.726	21.8	ng/ul	99365	1	8.415	91330	20.0
Caryophyllene	14.349	8.9	ng/ul	100920	3	15.025	226241	20.0
(1R,2S,6S,7S,8S...	14.972	3.3	ng/ul	37290	3	15.025	226241	20.0
1-Isopropyl-4,7...	15.254	2.4	ng/ul	26960	3	15.025	226241	20.0
Benzophenone	16.352	8.2	ng/ul	93014	3	15.025	226241	20.0
Germacrene D	16.429	2.4	ng/ul	34589	4	17.757	292530	20.0
(1R,4aR,7R,8aR)...	16.623	7.2	ng/ul	105099	4	17.757	292530	20.0
unknown-01	17.939	4.1	ng/ul	60116	4	17.757	292530	20.0
unknown-02	18.497	2.3	ng/ul	33196	4	17.757	292530	20.0
Tridecanoic acid	18.597	4.3	ng/ul	62953	4	17.757	292530	20.0
Magnolol	20.218	5.7	ng/ul	88314	5	22.063	308273	20.0
unknown-03	20.436	10.2	ng/ul	157230	5	22.063	308273	20.0
5,5'-Diallyl-2,...	20.612	4.3	ng/ul	65538	5	22.063	308273	20.0
unknown-04	20.753	2.5	ng/ul	37913	5	22.063	308273	20.0
Estra-1,3,5,7,9...	20.812	4.8	ng/ul	74724	5	22.063	308273	20.0
Equilenin	20.941	14.0	ng/ul	216190	5	22.063	308273	20.0
Cinnamyl cinnamate	21.464	19.8	ng/ul	305030	5	22.063	308273	20.0
Heptadecyl hept...	21.634	6.2	ng/ul	96174	5	22.063	308273	20.0
(DEL) Alkane: S...	24.531	7.3	ng/ul	119870	6	25.589	330304	20.0
Oxirane, hexade...	26.153	2.8	ng/ul	46568	6	25.589	330304	20.0
(DEL) Alkane: S...	26.834	4.8	ng/ul	78948	6	25.589	330304	20.0