LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046955.D
Acq On : 18 Oct 2020 1:03
Operator : CG/JU
Sample : L4201-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AK9

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\SOM-EPA-BG101520MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.485	19	25	29	rBV4	9351	13230	0.35%	0.065%
2	4.237	149	153	159	rVB2	12756	19362	0.52%	0.096%
3	6.752	576	581	589	rVB	126919	205880	5.48%	1.018%
4	7.057	629	633	640	rVB5	10256	16320	0.43%	0.081%
5	7.222	654	661	671	rBV	112327	215529	5.74%	1.066%
6	7.386	682	689	701	rVB	94957	164069	4.37%	0.811%
7	7.516	705	711	719	rBV5	6150	13904	0.37%	0.069%
8	7.598	719	725	731	rBV	120407	202669	5.39%	1.002%
9	8.068	798	805	812	rBV	177854	302128	8.04%	1.494%
10	8.767	918	924	932	rBV2	48119	86409	2.30%	0.427%
11	8.891	940	945	949	rBV3	7795	11235	0.30%	0.056%
12	9.226	993	1002	1010	rBV	130639	230052	6.12%	1.137%
13	9.954	1118	1126	1138	rVB2	114890	208934	5.56%	1.033%
14	10.495	1209	1218	1230	rBV	150069	278054	7.40%	1.375%
15	10.877	1275	1283	1292	rBV	257581	452187	12.04%	2.235%
16	11.012	1298	1306	1315	rBV2	58987	116133	3.09%	0.574%
17	11.347	1357	1363	1368	rBV	10436	16301	0.43%	0.081%
18	12.093	1484	1490	1498	rVB3	10503	18865	0.50%	0.093%
19	12.486	1548	1557	1567	rVV4	51516	108670	2.89%	0.537%
20	13.068	1650	1656	1661	rBV2	34632	56722	1.51%	0.280%
21	13.450	1712	1721	1729	rVB6	16826	37221	0.99%	0.184%
22	13.579	1737	1743	1751	rVB2	70400	108690	2.89%	0.537%
23	13.785	1772	1778	1790	rBV3	35718	76500	2.04%	0.378%
24	14.026	1813	1819	1824	rVV2	289021	416188	11.08%	2.058%
25	14.096	1824	1831	1836	rVV	362649	587705	15.64%	2.905%
26	14.143	1836	1839	1846	rVB	90780	124008	3.30%	0.613%
27	14.390	1870	1881	1888	rBV	339893	546907	14.56%	2.704%
28	14.461	1890	1893	1896	rVB4	8944	12580	0.33%	0.062%
29	14.537	1899	1906	1910	rBV3	50517	77002	2.05%	0.381%
30	14.584	1910	1914	1917	rVB3	10454	11063	0.29%	0.055%
31	14.654	1917	1926	1929	rBV	207617	312425	8.32%	1.545%
32	14.696	1929	1933	1940	rVB	422573	631016	16.80%	3.120%
33	14.766	1940	1945	1948	rBV2	39850	61317	1.63%	0.303%
34	14.878	1958	1964	1971	rBV2	120425	203318	5.41%	1.005%

LSC Area Percent Report

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Sample : L4201-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AK9

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\SOM-EPA-BG101520MA.M
Title : SVOA CALIBRATION

35	14.948	1971	1976	1982	rVV3	49345	90784	2.42%	0.449%
36	15.013	1982	1987	1996	rVB2	48715	98531	2.62%	0.487%
37	15.113	1999	2004	2008	rBV7	10418	19589	0.52%	0.097%
38	15.307	2033	2037	2040	rBV4	14162	19510	0.52%	0.096%
39	15.424	2053	2057	2061	rVB4	7781	10928	0.29%	0.054%
40	15.583	2080	2084	2085	rVV3	14650	19243	0.51%	0.095%
41	15.600	2085	2087	2091	rVV5	16546	24245	0.65%	0.120%
42	15.689	2095	2102	2109	rVV	486580	765979	20.39%	3.787%
43	15.794	2112	2120	2132	rVV	155622	268020	7.13%	1.325%
44	15.877	2132	2134	2138	rVV5	9125	11434	0.30%	0.057%
45	15.924	2138	2142	2147	rVB5	15195	27177	0.72%	0.134%
46	16.023	2154	2159	2163	rBV5	40991	65117	1.73%	0.322%
47	16.070	2163	2167	2170	rVV3	36916	54741	1.46%	0.271%
48	16.106	2170	2173	2176	rVV3	40498	57424	1.53%	0.284%
49	16.164	2176	2183	2189	rVB	161306	257327	6.85%	1.272%
50	16.258	2195	2199	2207	rVB5	33033	51758	1.38%	0.256%
51	16.329	2207	2211	2217	rBV9	9512	16920	0.45%	0.084%
52	16.405	2217	2224	2229	rVB5	19840	36908	0.98%	0.182%
53	16.535	2241	2246	2252	rBV4	46108	76956	2.05%	0.380%
54	16.793	2287	2290	2295	rVB7	11256	12783	0.34%	0.063%
55	16.969	2317	2320	2325	rVV3	16225	22981	0.61%	0.114%
56	17.181	2353	2356	2360	rVB5	8807	10418	0.28%	0.052%
57	17.439	2394	2400	2410	rVV	564673	841950	22.41%	4.162%
58	17.539	2410	2417	2424	rVV	434144	671491	17.87%	3.320%
59	17.633	2430	2433	2439	rVB7	5968	10319	0.27%	0.051%
60	17.721	2443	2448	2454	rVB6	13206	20149	0.54%	0.100%
61	17.792	2456	2460	2464	rBV5	7283	11386	0.30%	0.056%
62	17.833	2464	2467	2472	rVB5	7473	11191	0.30%	0.055%
63	18.003	2491	2496	2497	rVV4	8697	12580	0.33%	0.062%
64	18.203	2522	2530	2532	rBV7	10536	22440	0.60%	0.111%
65	18.262	2537	2540	2545	rBV7	7994	13347	0.36%	0.066%
66	18.321	2545	2550	2559	rBV	122415	188513	5.02%	0.932%
67	18.462	2570	2574	2578	rVV6	10384	16168	0.43%	0.080%
68	18.503	2578	2581	2585	rVB5	11952	13643	0.36%	0.067%
69	18.609	2595	2599	2605	rBV9	13195	22267	0.59%	0.110%
70	19.472	2738	2746	2748	rBV6	23865	50335	1.34%	0.249%
71	19.590	2762	2766	2773	rBV5	24449	38982	1.04%	0.193%

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Sample : L4201-02
Misc :
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Instrument : BNA_G
ClientSampleId : C0AK9

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Title : SVOA CALIBRATION

72	19.819	2799	2805	2816	rBV	623205	919600	24.48%	4.546%
73	20.042	2836	2843	2850	rBV9	10264	20915	0.56%	0.103%
74	20.207	2864	2871	2875	rBV	88537	126123	3.36%	0.624%
75	20.307	2884	2888	2891	rBV6	21541	39107	1.04%	0.193%
76	20.348	2891	2895	2898	rVV	97249	128704	3.43%	0.636%
77	20.371	2898	2899	2903	rVB2	33309	28767	0.77%	0.142%
78	20.747	2960	2963	2967	rVB6	23347	35254	0.94%	0.174%
79	20.841	2976	2979	2984	rVB7	26650	37719	1.00%	0.186%
80	20.935	2992	2995	3001	rBV8	21546	30527	0.81%	0.151%
81	20.994	3001	3005	3011	rVV2	91843	118556	3.16%	0.586%
82	21.170	3028	3035	3043	rVB	2850375	3756617	100.00%	18.572%
83	21.341	3060	3064	3074	rBV2	167151	276517	7.36%	1.367%
84	21.705	3120	3126	3133	rBV2	532872	925868	24.65%	4.577%
85	21.899	3156	3159	3160	rBV2	19970	20132	0.54%	0.100%
86	21.999	3172	3176	3180	rVB4	39843	57098	1.52%	0.282%
87	22.087	3189	3191	3196	rVB6	13477	17009	0.45%	0.084%
88	22.533	3258	3267	3280	rBV4	89694	280871	7.48%	1.389%
89	23.209	3374	3382	3387	rBV6	35046	75413	2.01%	0.373%
90	23.738	3466	3472	3478	rBV3	55476	129677	3.45%	0.641%
91	24.020	3512	3520	3526	rBV2	181020	400822	10.67%	1.982%
92	24.085	3526	3531	3544	rVB9	46714	143511	3.82%	0.709%
93	24.719	3631	3639	3652	rVB2	252349	703454	18.73%	3.478%
94	24.948	3668	3678	3692	rVB2	311009	1001388	26.66%	4.951%
95	26.117	3868	3877	3888	rVB2	166563	488607	13.01%	2.416%
96	26.235	3895	3897	3899	rBV3	12639	13792	0.37%	0.068%
97	27.475	4106	4108	4119	rVB8	32557	84107	2.24%	0.416%
98	28.274	4236	4244	4245	rBV8	21270	46483	1.24%	0.230%
99	29.143	4383	4392	4405	rVB6	43219	180788	4.81%	0.894%
100	30.313	4584	4591	4610	rVB6	48797	234164	6.23%	1.158%

Sum of corrected areas: 20227717

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Instrument :
BNA_G
ClientSampleId :
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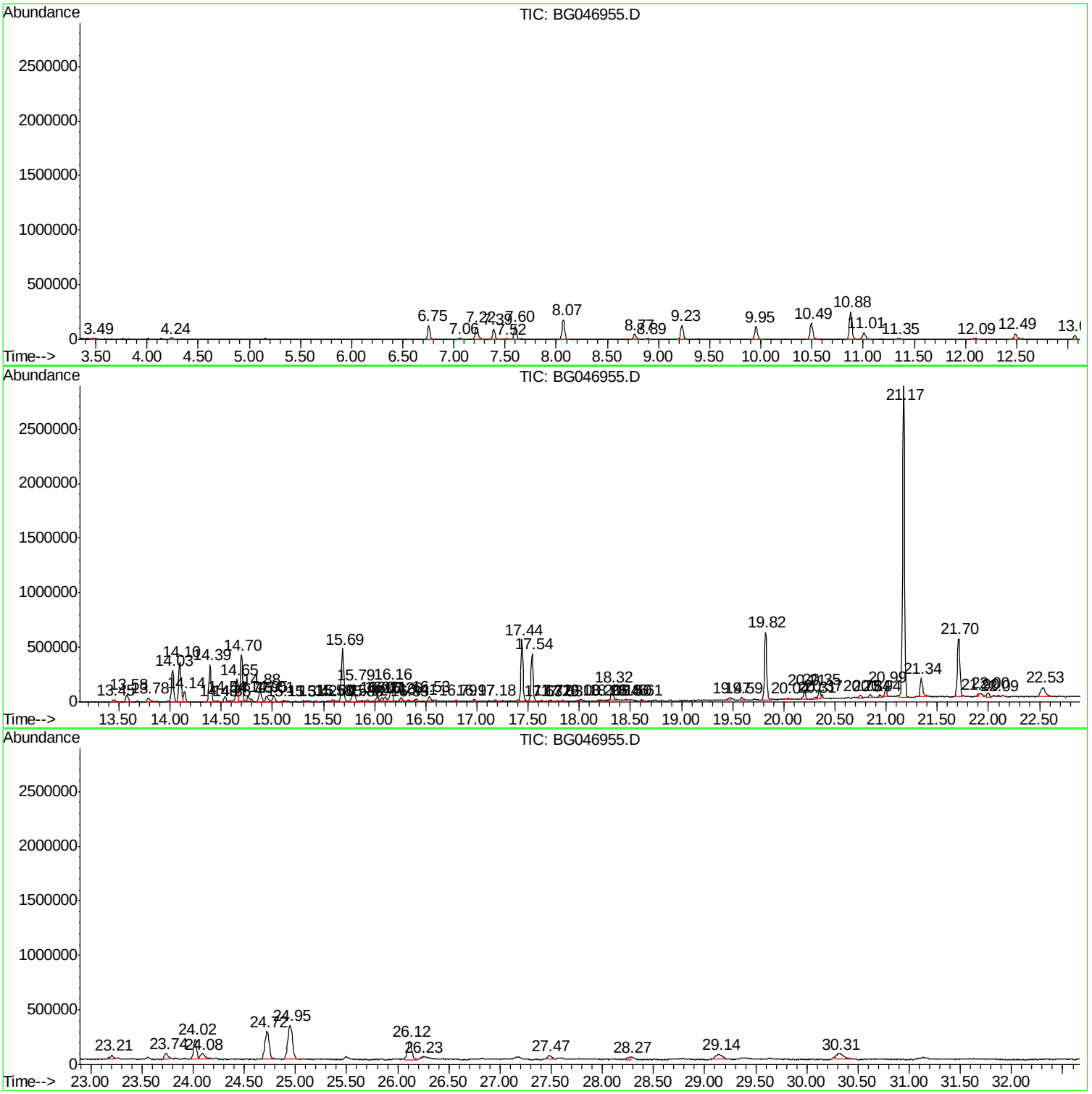
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Quant Title : SVOA CALIBRATION

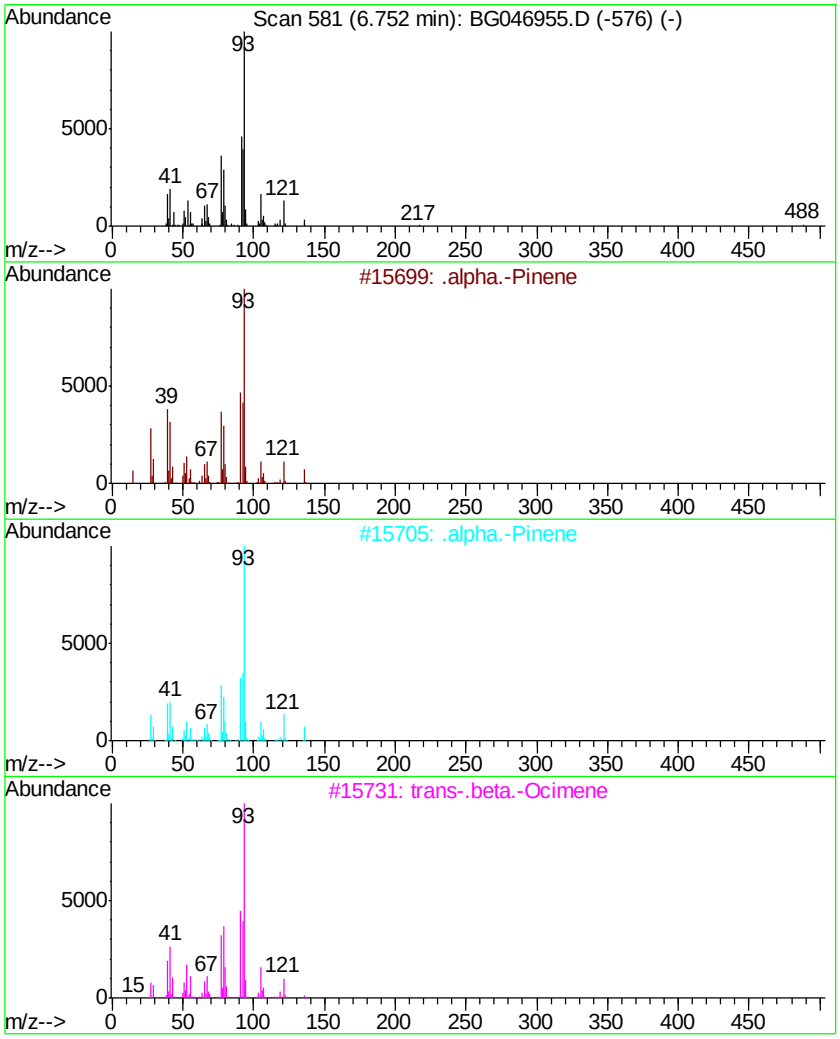
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

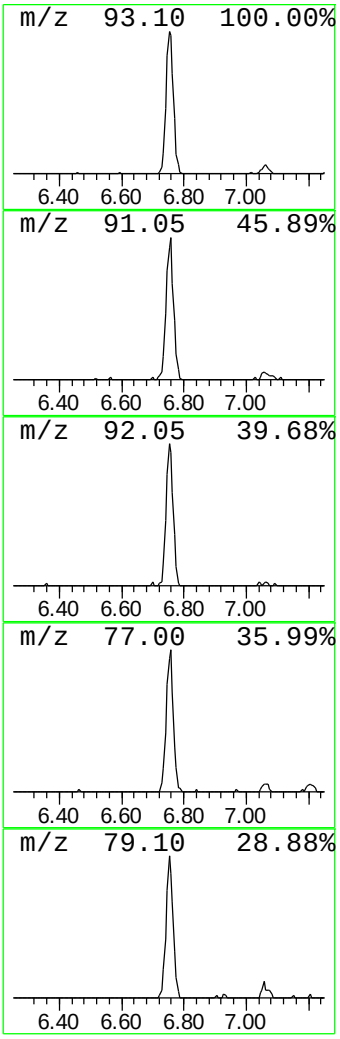
****

Peak Number 1 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	13.63 ng/ul	205880	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	91
3	trans-.beta.-Ocimene	136	C10H16	003779-61-1	90
4	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	90
5	.gamma.-Terpinene	136	C10H16	000099-85-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
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Sample : L4201-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AK9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

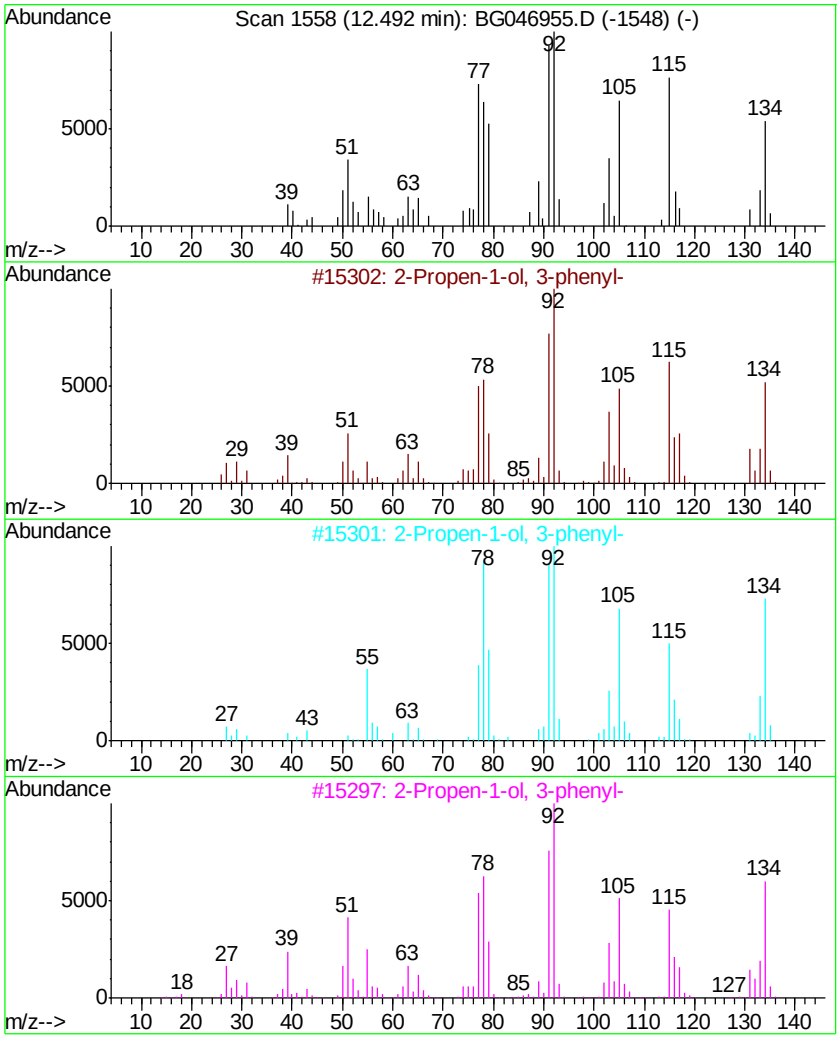
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

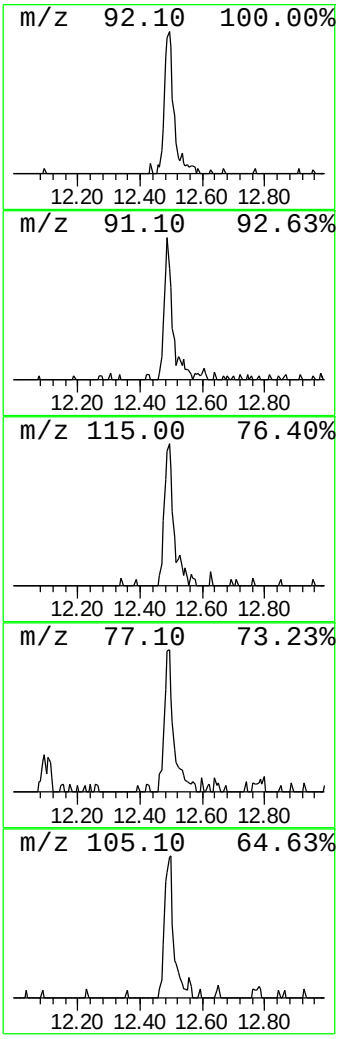
****

Peak Number 2 2-Propen-1-ol, 3-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	4.81 ng/ul	108670	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-ol, 3-phenyl-	134	C9H10O	000104-54-1	93
2	2-Propen-1-ol, 3-phenyl-	134	C9H10O	000104-54-1	91
3	2-Propen-1-ol, 3-phenyl-	134	C9H10O	000104-54-1	76
4	Benzenepropanal	134	C9H10O	000104-53-0	47
5	Bicyclo[3.2.2]nona-6,8-dien-3-one	134	C9H10O	026788-91-0	43





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

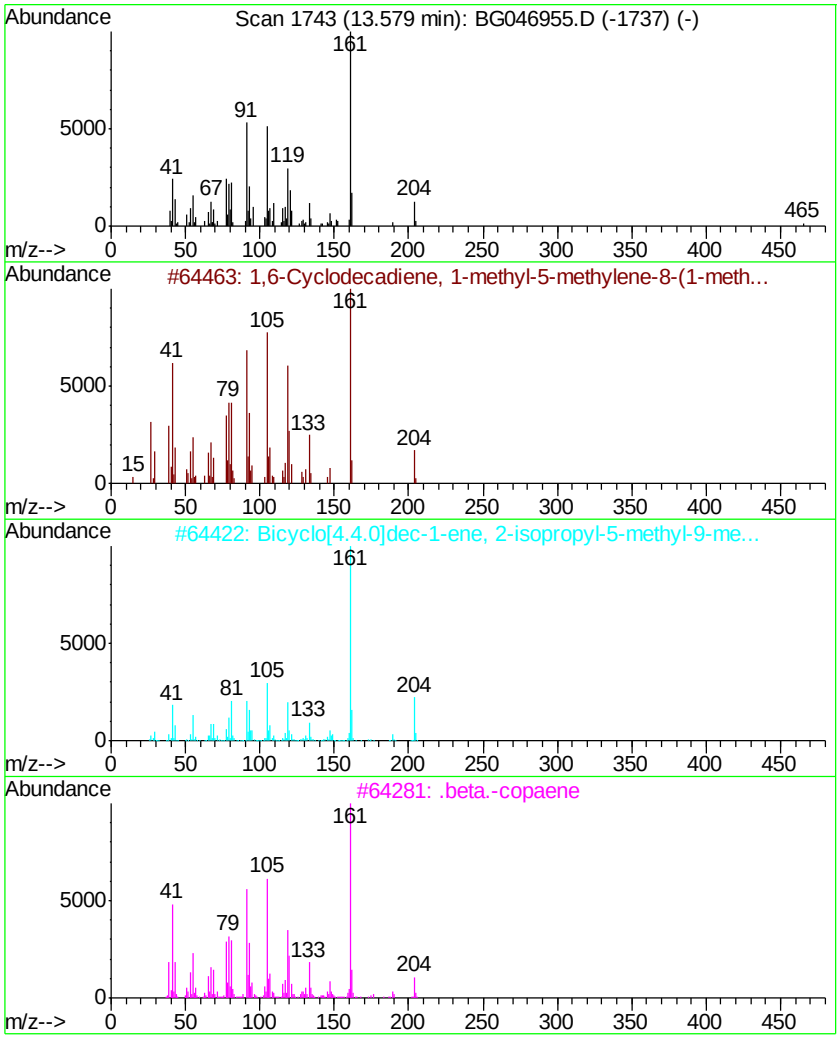
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

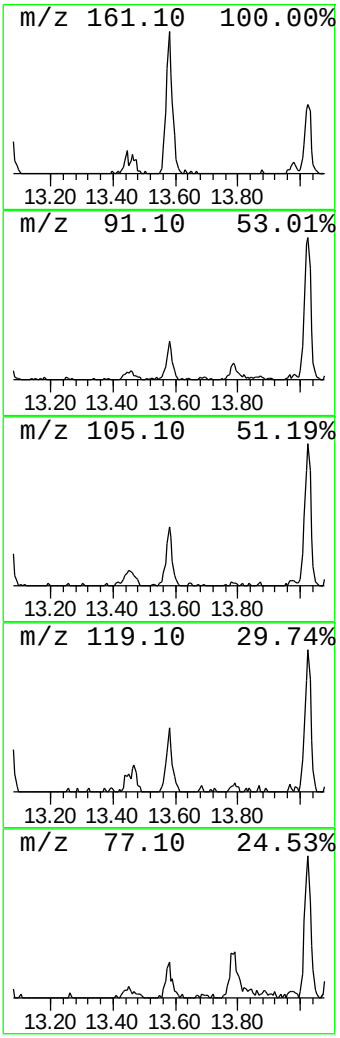
****

Peak Number 3 1,6-Cyclodecadiene, 1-methy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	3.44 ng/ul	108690	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	96
2	Bicyclo[4.4.0]dec-1-ene, 2-isopr...	204	C15H24	150320-52-8	93
3	.beta.-copaene	204	C15H24	1000374-18-9	93
4	(+)-epi-Bicyclosesquiphellandrene	204	C15H24	054274-73-6	93
5	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	91





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

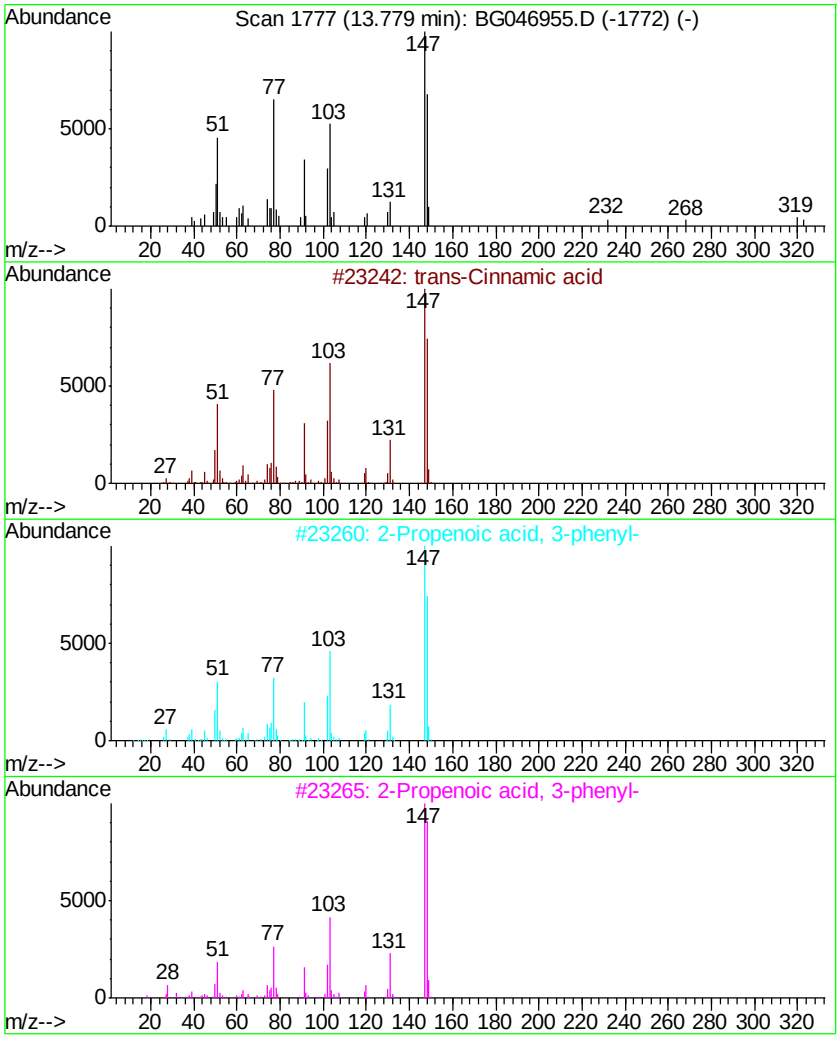
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

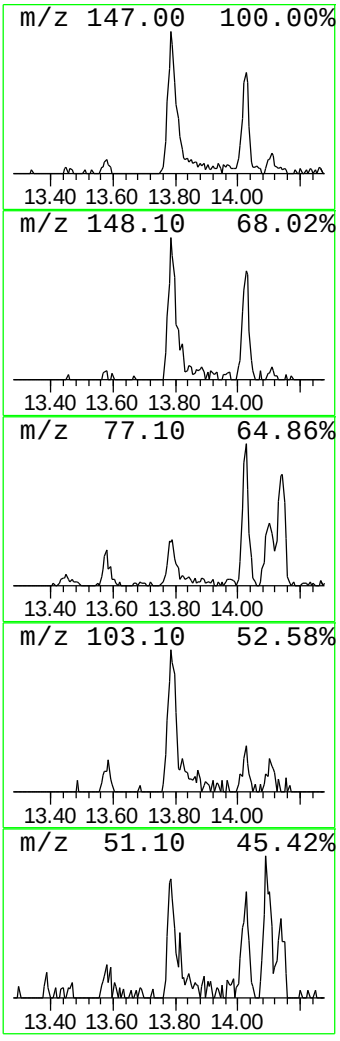
****

Peak Number 4 trans-Cinnamic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	2.42 ng/ul	76500	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Cinnamic acid	148	C9H8O2	000140-10-3	91
2	2-Propenoic acid, 3-phenyl-	148	C9H8O2	000621-82-9	91
3	2-Propenoic acid, 3-phenyl-	148	C9H8O2	000621-82-9	91
4	trans-Cinnamic acid	148	C9H8O2	000140-10-3	91
5	2-Propenoic acid, 3-phenyl-	148	C9H8O2	000621-82-9	86





Library Search Compound Report

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AK9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

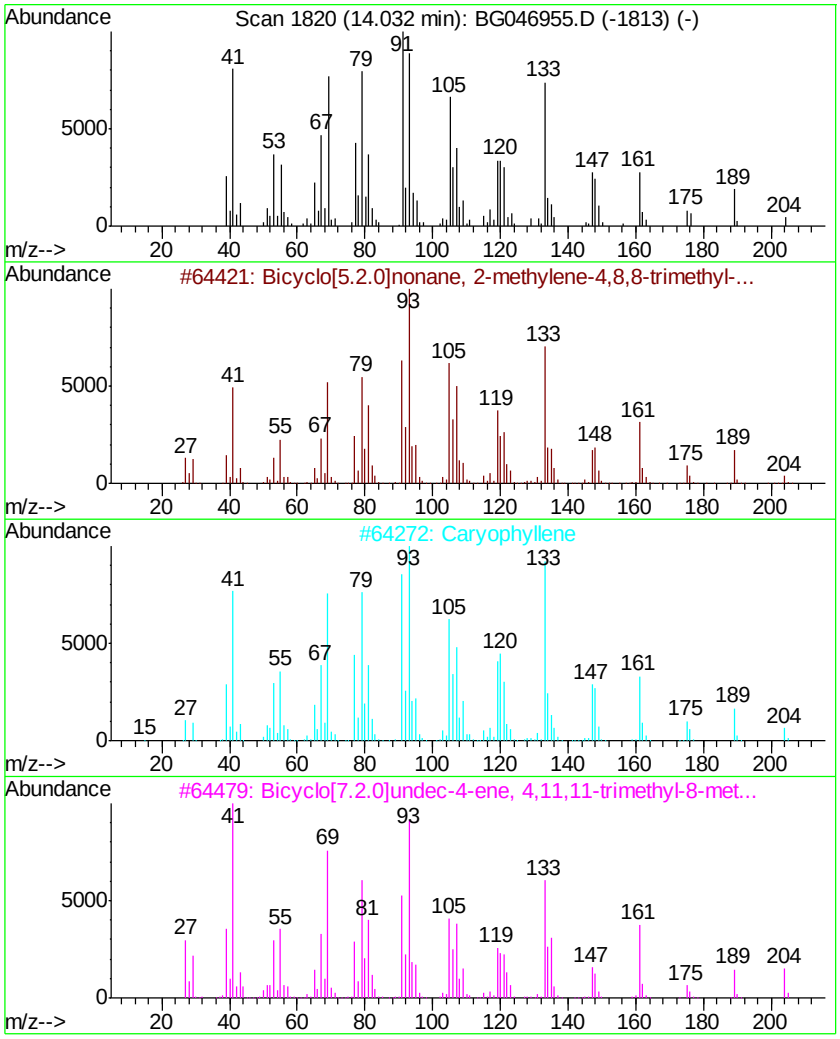
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

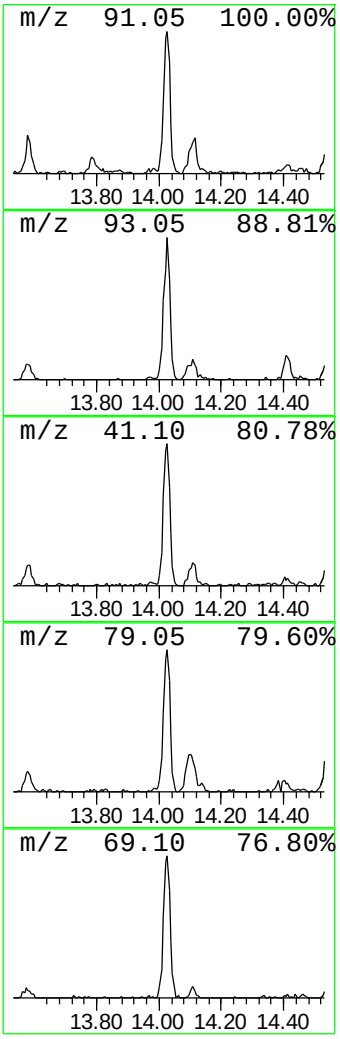
****

Peak Number 5 Bicyclo[5.2.0]nonane, 2-met... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	13.19 ng/ul	416188	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	86
2	Caryophyllene	204	C15H24	000087-44-5	83
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	78
4	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	70
5	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	64





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Acq On : 18 Oct 2020 1:03
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Sample : L4201-02
Misc :
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Instrument : BNA_G
ClientSampleId : C0AK9

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Quant Title : SVOA CALIBRATION

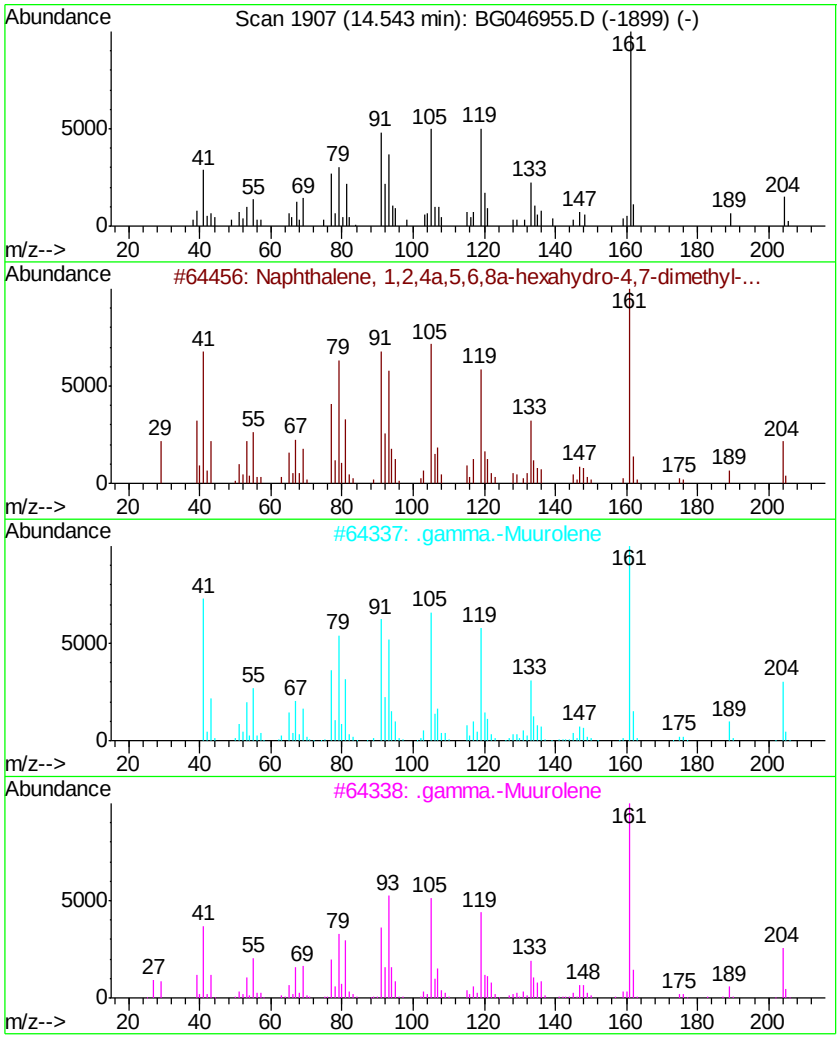
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

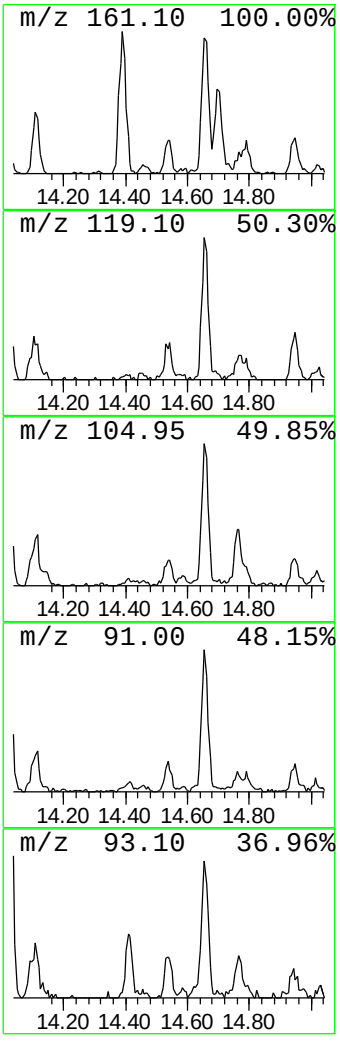
****

Peak Number 6 Naphthalene, 1,2,4a,5,6,8a-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	2.44 ng/ul	77002	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	97
2	.gamma.-Muurolene	204	C15H24	030021-74-0	95
3	.gamma.-Muurolene	204	C15H24	030021-74-0	92
4	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	91
5	1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	78





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Instrument : BNA_G
ClientSampleId : C0AK9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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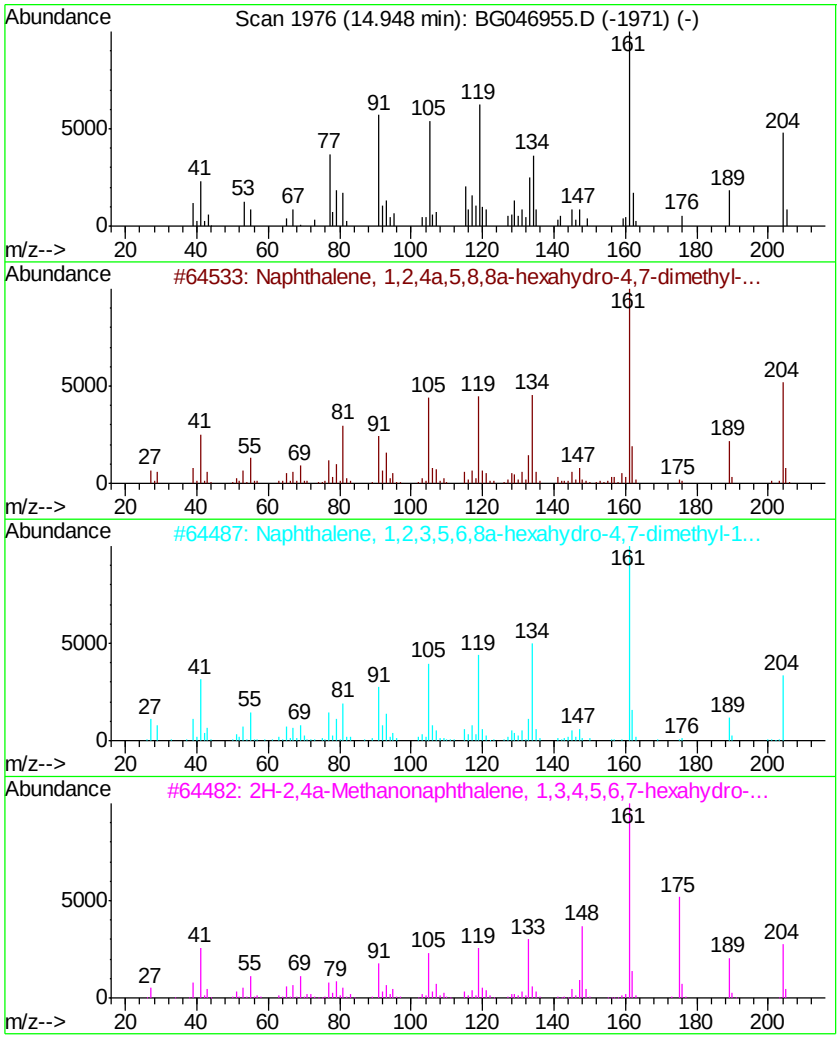
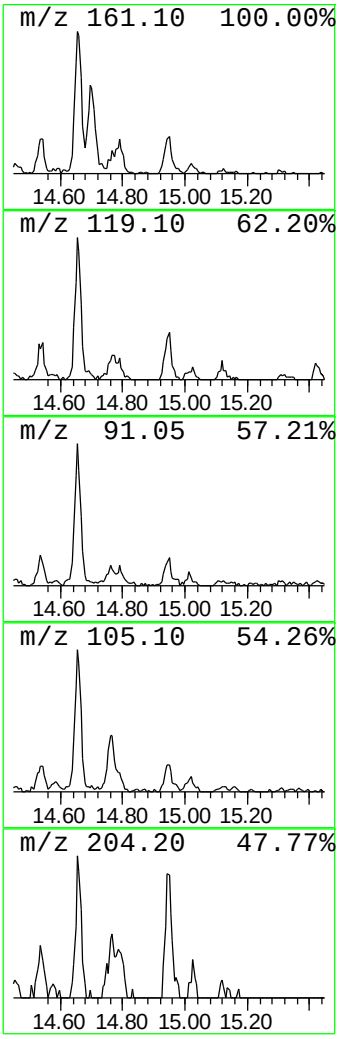
Peak Number 7 Naphthalene, 1,2,4a,5,8,8a-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.88 ng/ul	90784	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	000523-47-7	94
2	Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	90
3	2H-2,4a-Methanonaphthalene, 1,3,...	204	C15H24	001135-66-6	86
4	Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	81
5	cis-muurola-3,5-diene	204	C15H24	1000365-95-4	76





Library Search Compound Report

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ClientSampleId : C0AK9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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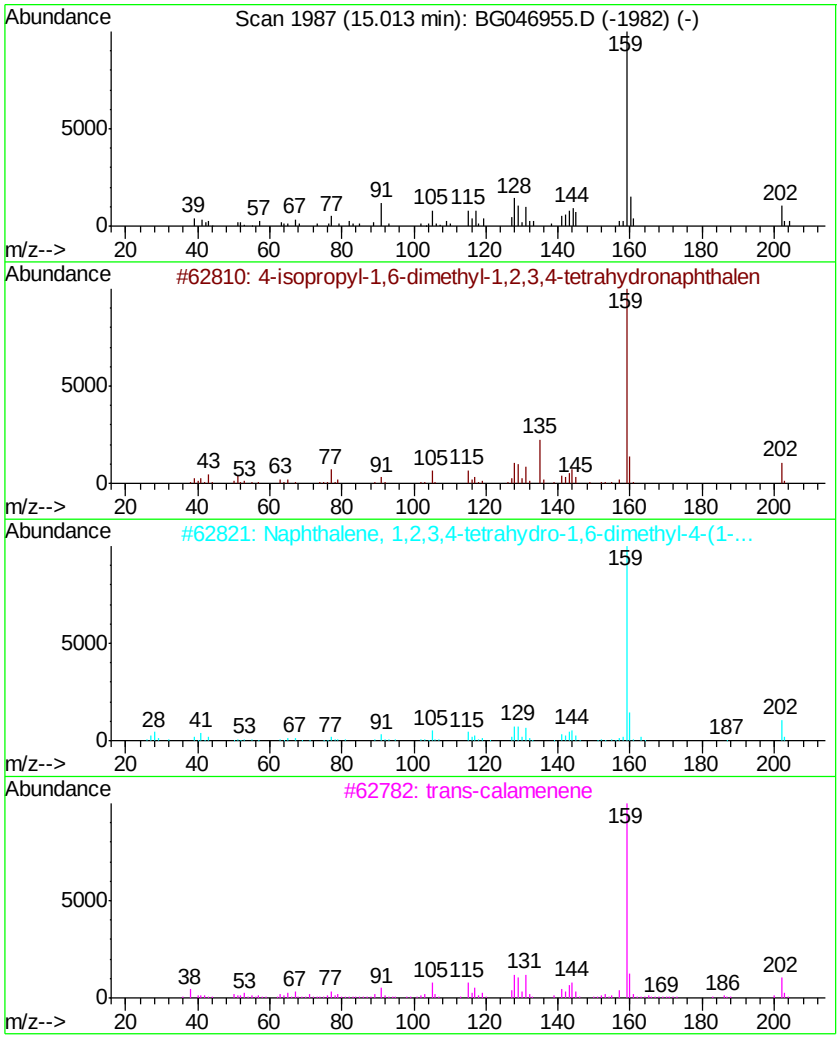
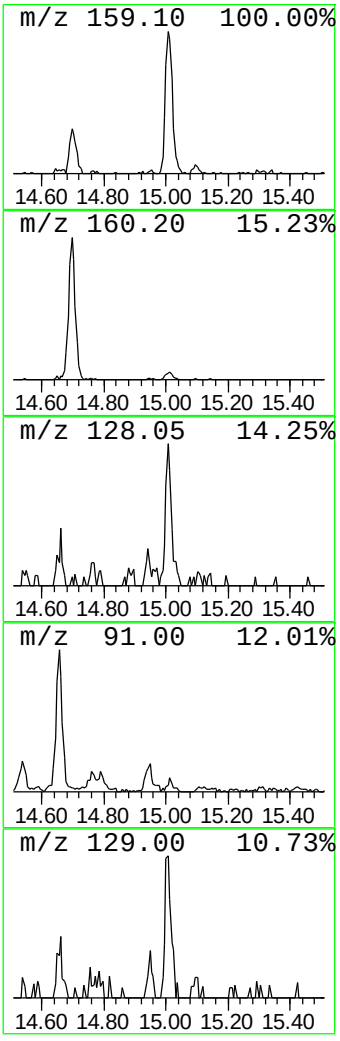
Peak Number 8 4-isopropyl-1,6-dimethyl-1,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	3.12 ng/ul	98531	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-isopropyl-1,6-dimethyl-1,2,3,4...	202	C15H22	1000378-99-6	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	94
3	trans-calamenene	202	C15H22	1000374-17-3	91
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	80
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	78





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Instrument : BNA_G
ClientSampleId : C0AK9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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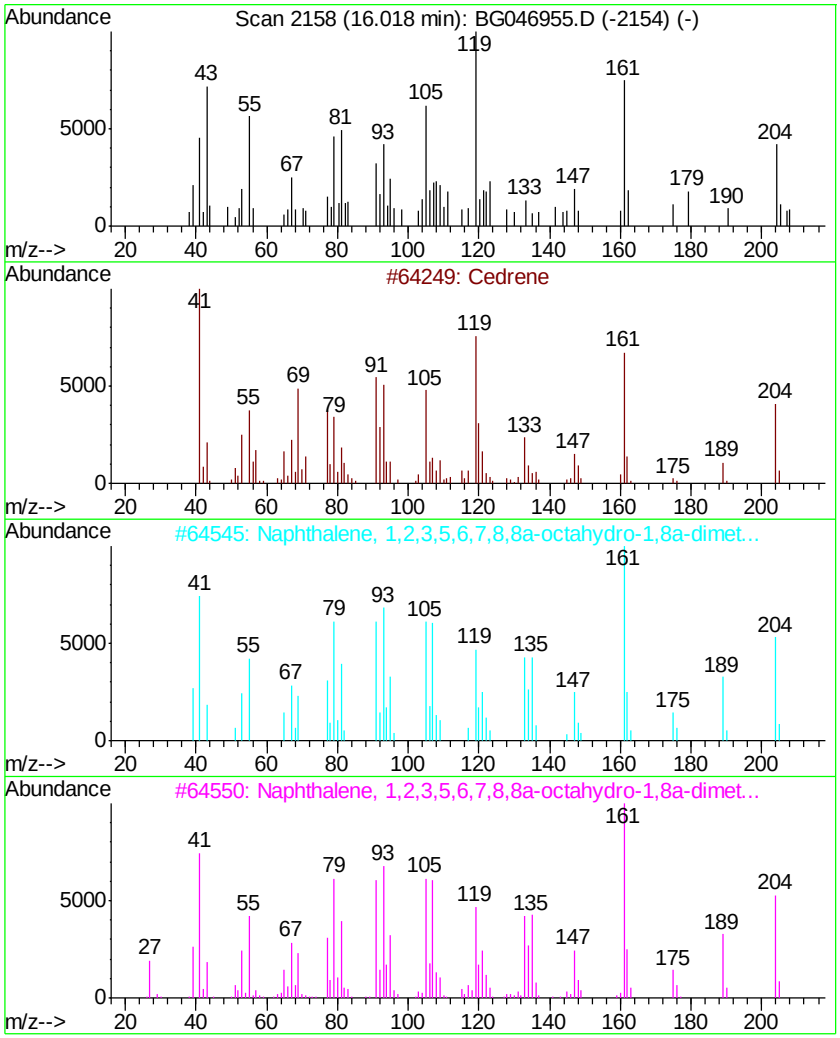
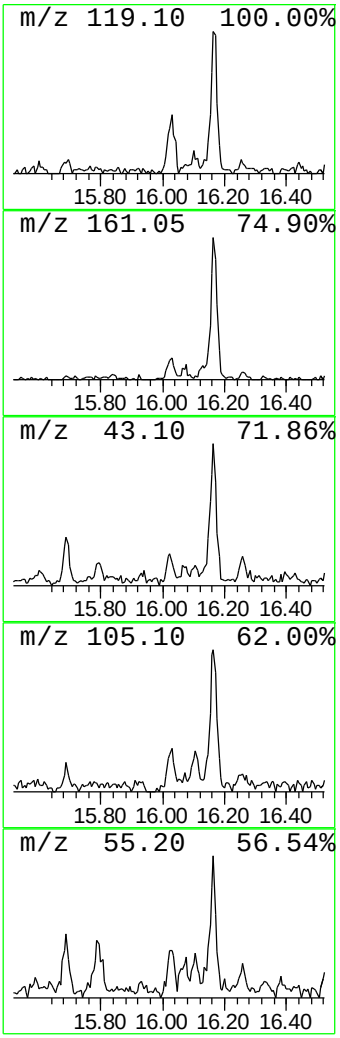
Peak Number 9 Cedrene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	2.06 ng/ul	65117	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cedrene	204	C15H24	011028-42-5	64
2	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	62
3	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	010219-75-7	62
4	Azulene, 1,2,3,3a,4,5,6,7-octahy...	204	C15H24	022567-17-5	60
5	Naphthalene, 1,2,3,4,4a,7-hexahy...	204	C15H24	016728-99-7	58





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Instrument : BNA_G
ClientSampleId : C0AK9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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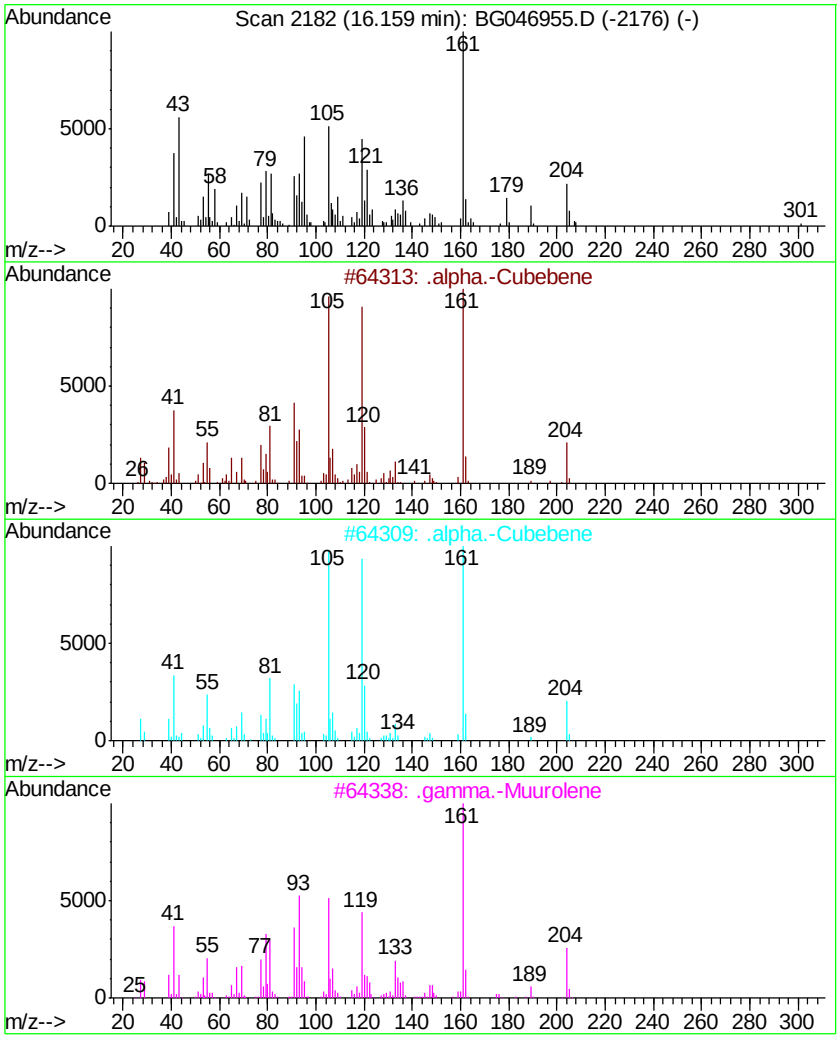
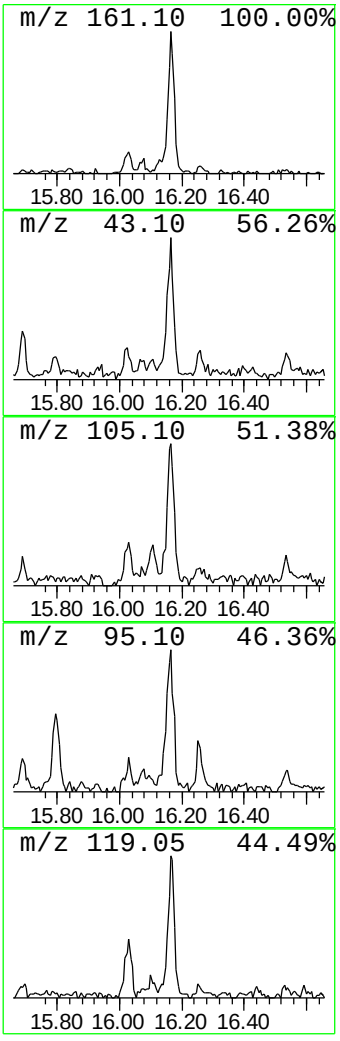
Peak Number 10 .alpha.-Cubebene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	6.11 ng/ul	257327	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Cubebene	204	C15H24	017699-14-8	89
2	.alpha.-Cubebene	204	C15H24	017699-14-8	76
3	.gamma.-Muurolene	204	C15H24	030021-74-0	74
4	Copaene	204	C15H24	003856-25-5	74
5	1-Naphthalenol, 1,2,3,4,4a,7,8,8...	222	C15H26O	133645-25-7	72





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Instrument : BNA_G
ClientSampleId : C0AK9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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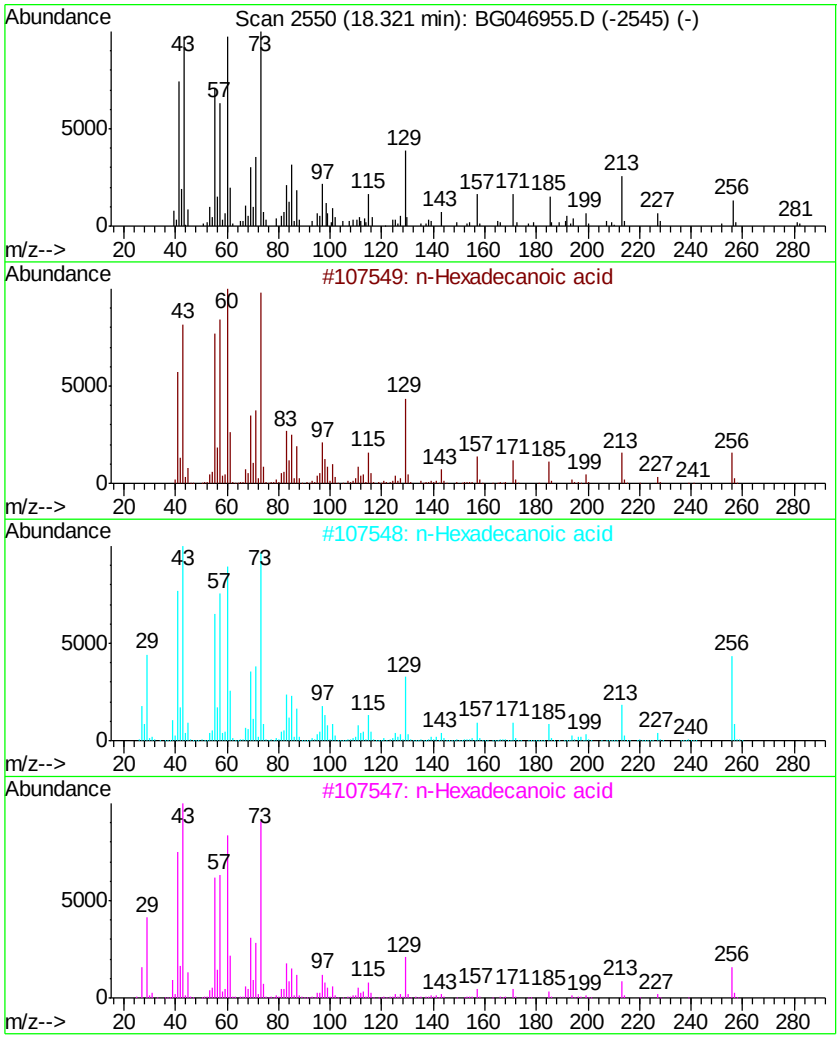
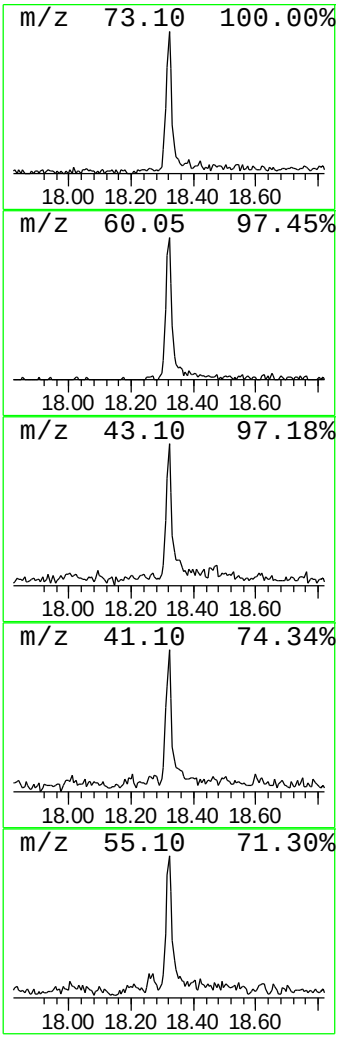
Peak Number 11 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	4.48 ng/ul	188513	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
4	n-Decanoic acid	172	C10H20O2	000334-48-5	83
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





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Instrument : BNA_G
ClientSampleId : C0AK9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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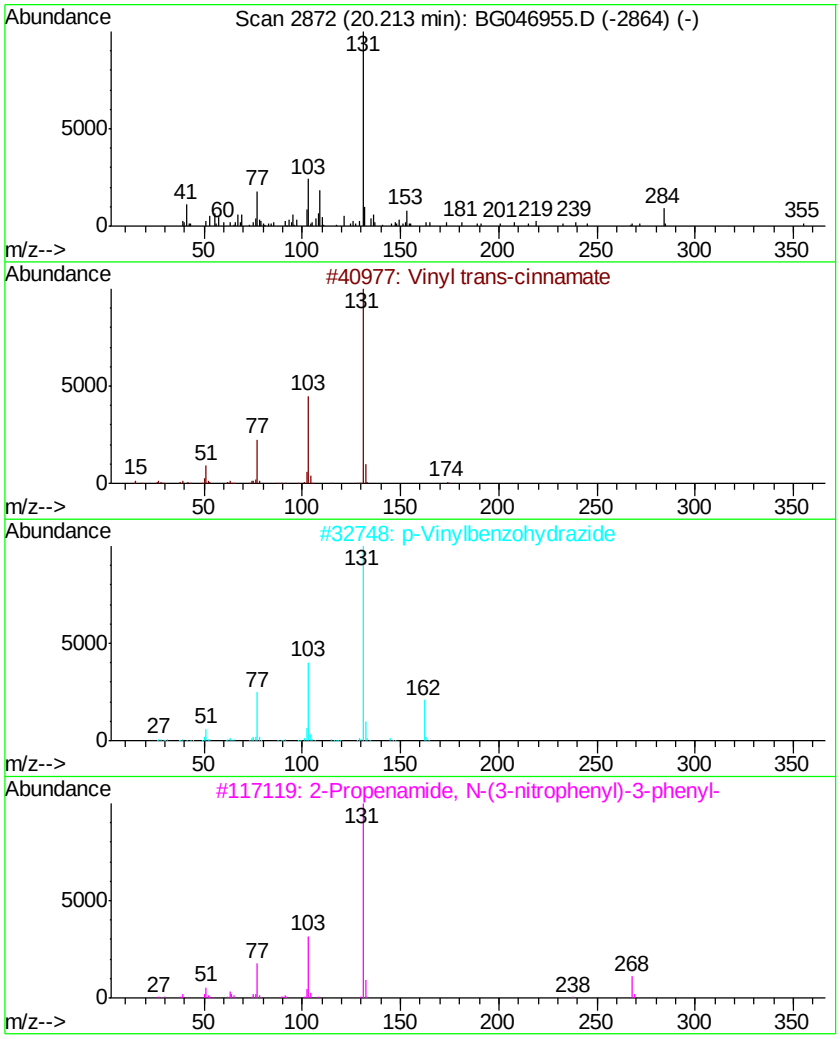
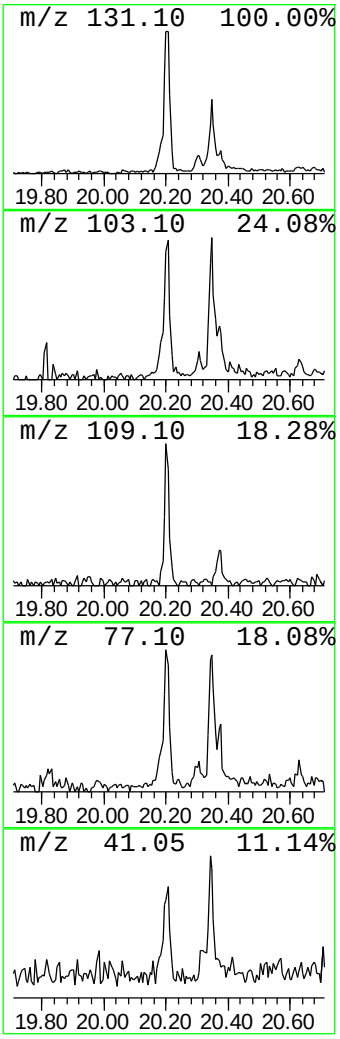
Peak Number 12 Vinyl trans-cinnamate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	2.72 ng/ul	126123	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	76
2	p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	59
3	2-Propenamide, N-(3-nitrophenyl)...	268	C15H12N2O3	055000-38-9	59
4	Propanedioic acid, nitrile, hydr...	229	C12H11N3O2	294878-35-6	59
5	2-Iodo-benzoic acid N'-(3-phenyl...	392	C16H13IN2O2	315672-62-9	59





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Misc :
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Instrument : BNA_G
ClientSampleId : C0AK9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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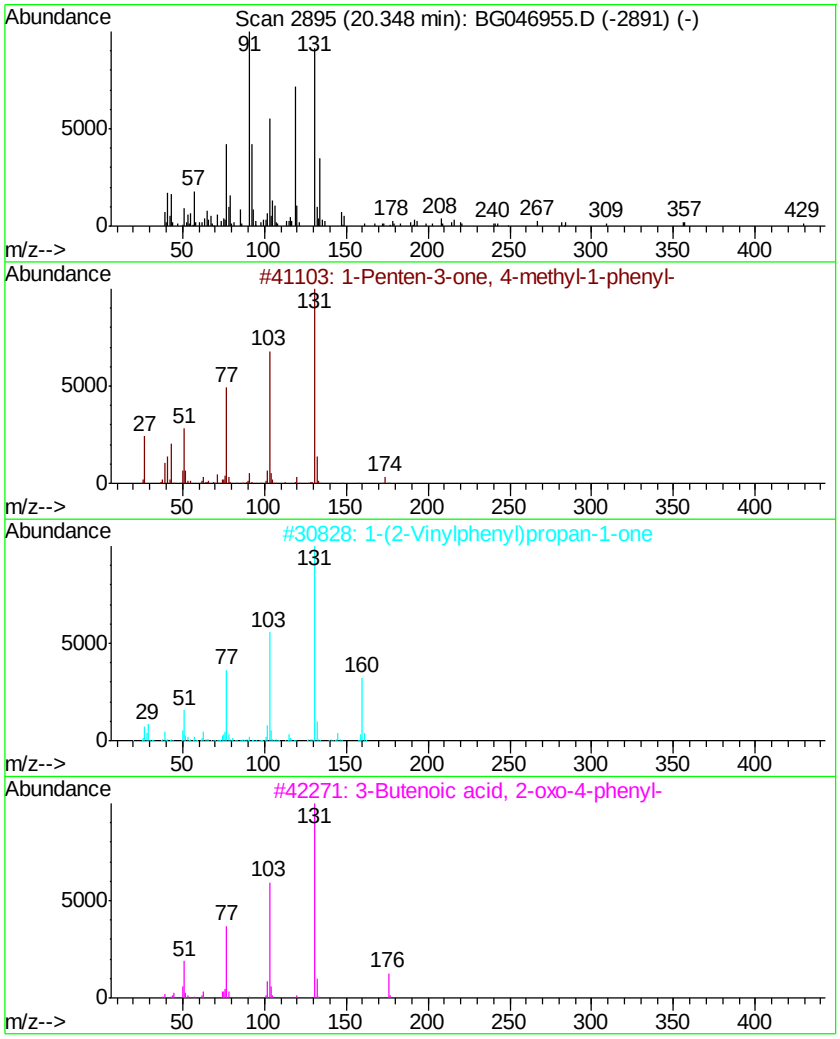
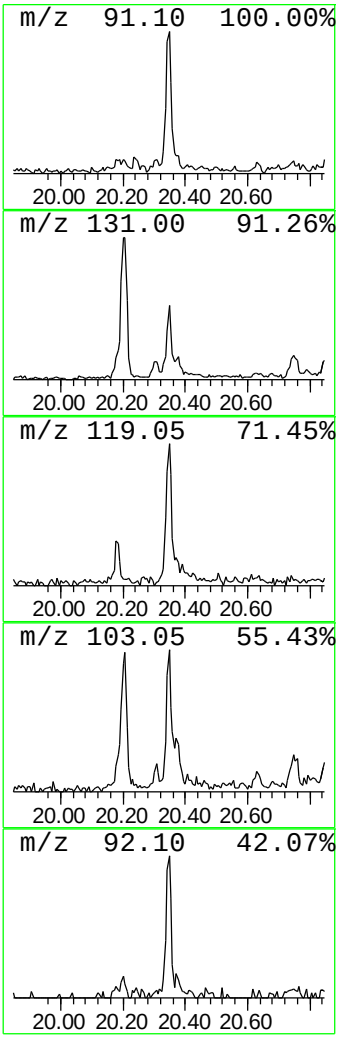
Peak Number 13 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.35	2.78 ng/ul	128704	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-one, 4-methyl-1-phenyl-	174	C12H14O	003160-32-5	47
2	1-(2-Vinylphenyl)propan-1-one	160	C11H12O	052095-41-7	38
3	3-Butenoic acid, 2-oxo-4-phenyl-	176	C10H8O3	1000142-21-0	38
4	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	38
5	Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	38





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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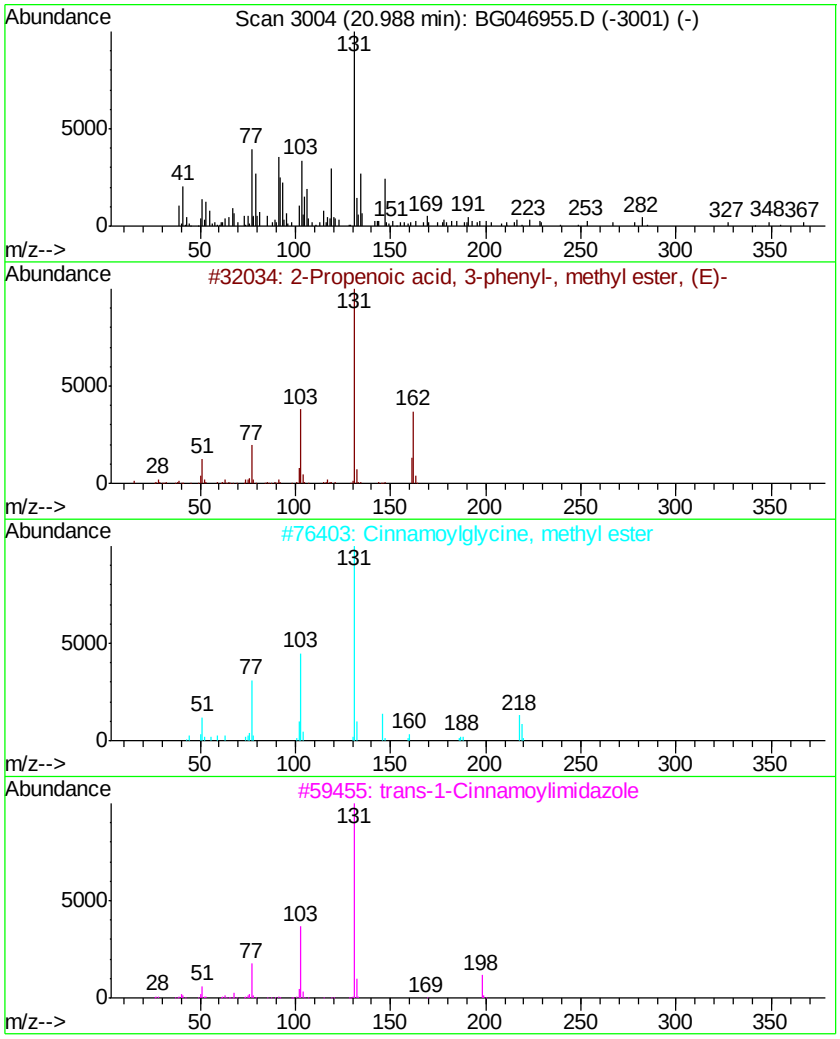
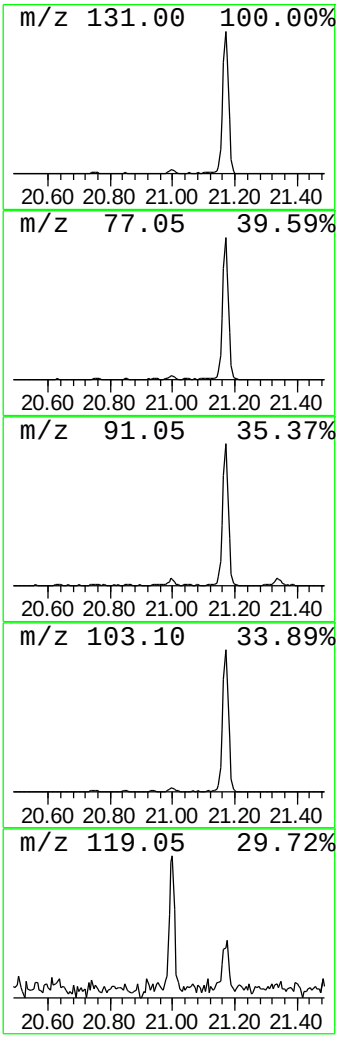
Peak Number 14 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.56 ng/ul	118556	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-phenyl-, met...	162	C10H10O2	001754-62-7	47
2	Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	47
3	trans-1-Cinnamoylimidazole	198	C12H10N2O	001138-15-4	47
4	2-Propenoyl chloride, 3-phenyl-	166	C9H7ClO	000102-92-1	47
5	p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	47





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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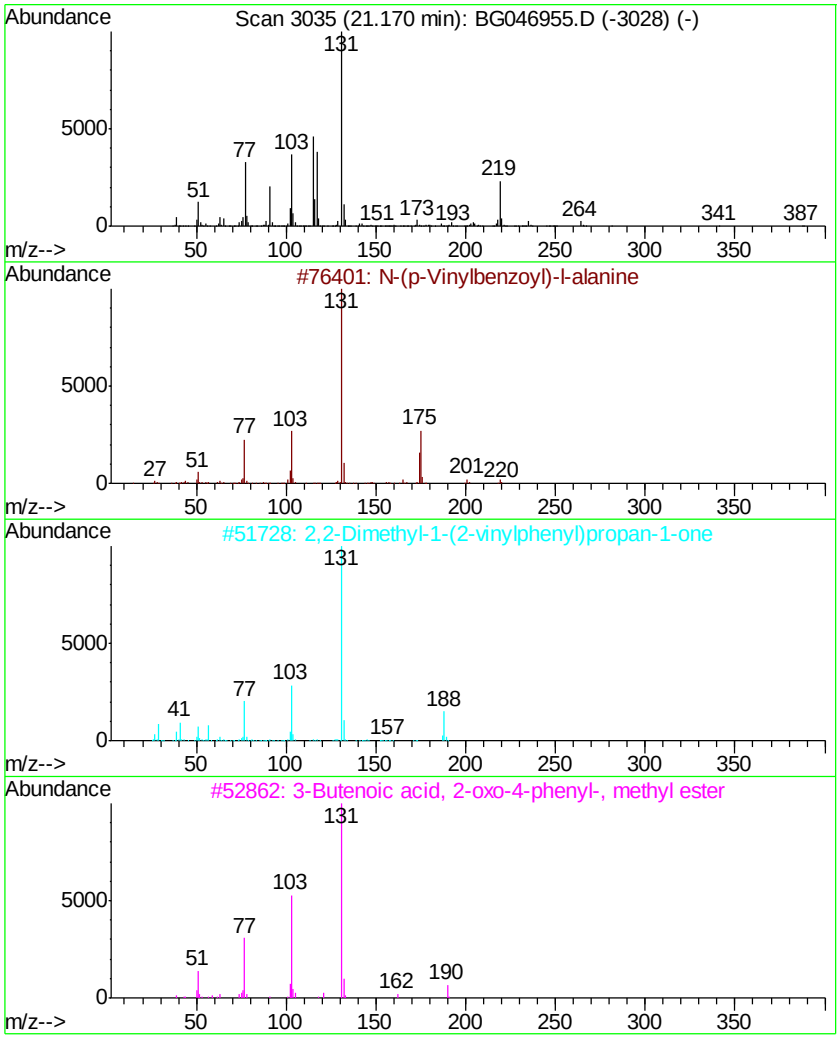
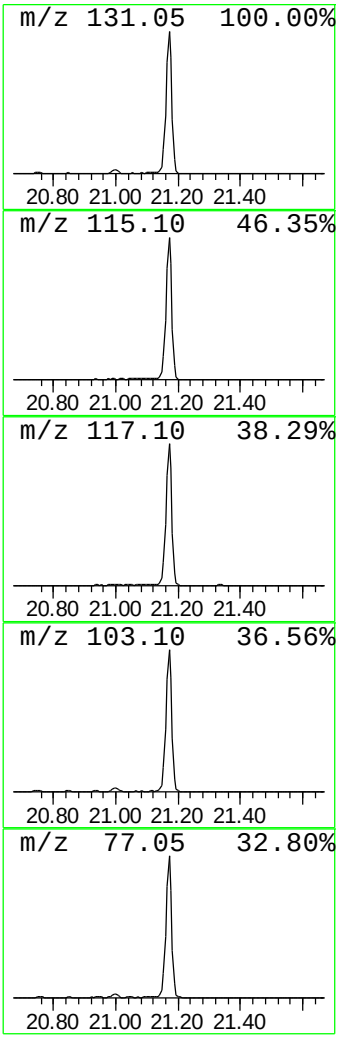
Peak Number 15 unknown-03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	81.15 ng/ul	3756620	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	43
2	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	43
3	3-Butenoic acid, 2-oxo-4-phenyl-...	190	C11H10O3	1000142-22-4	43
4	Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	43
5	trans-1-Cinnamoylimidazole	198	C12H10N2O	001138-15-4	43





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Quant Title : SVOA CALIBRATION

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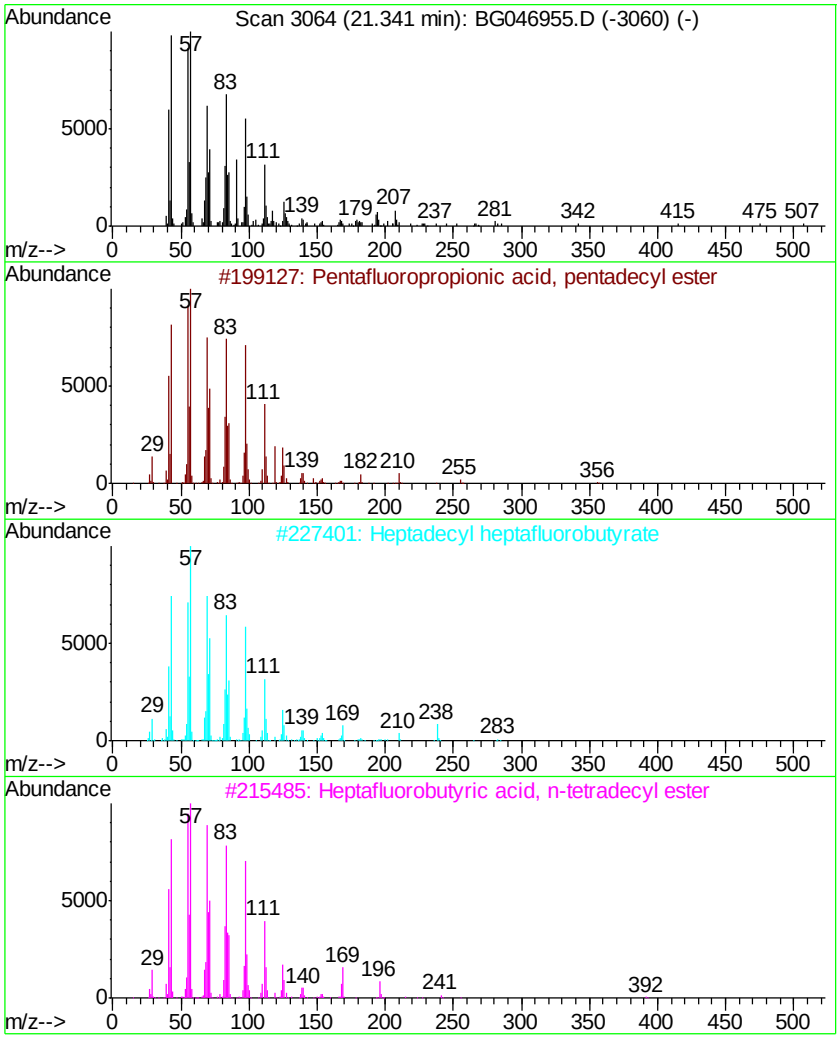
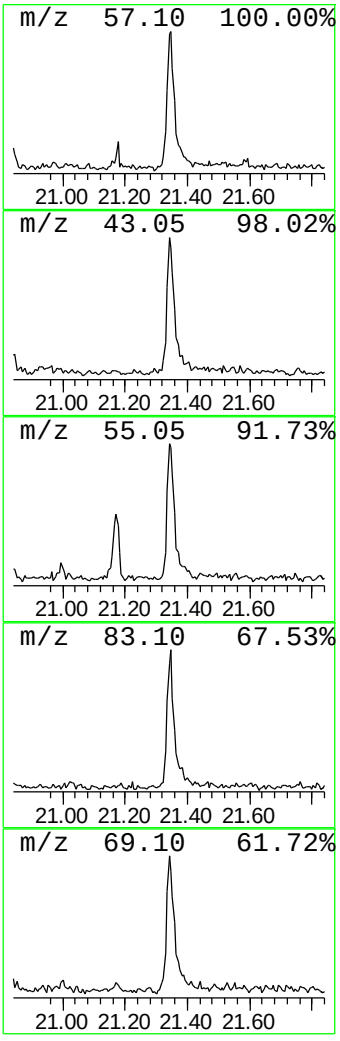
Peak Number 16 Pentafluoropropionic acid, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	5.97 ng/ul	276517	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90
5	1-Tricosene	322	C23H46	018835-32-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046955.D
Acq On : 18 Oct 2020 1:03
Operator : CG/JU
Sample : L4201-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AK9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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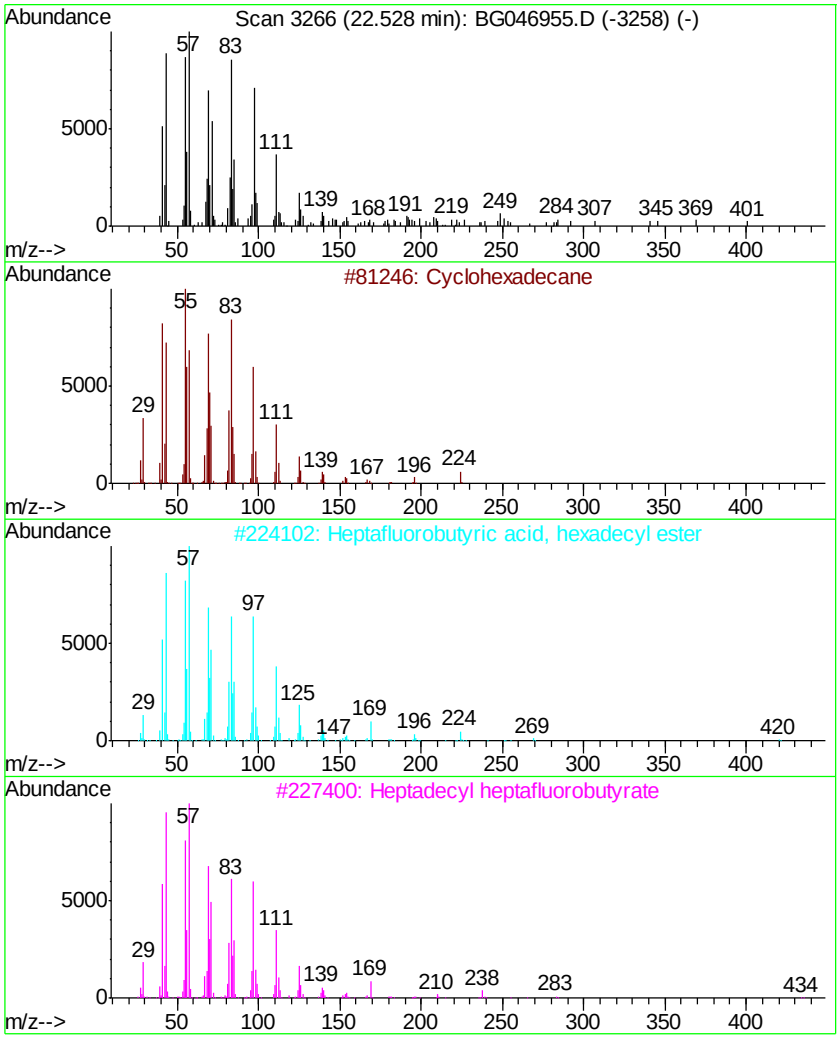
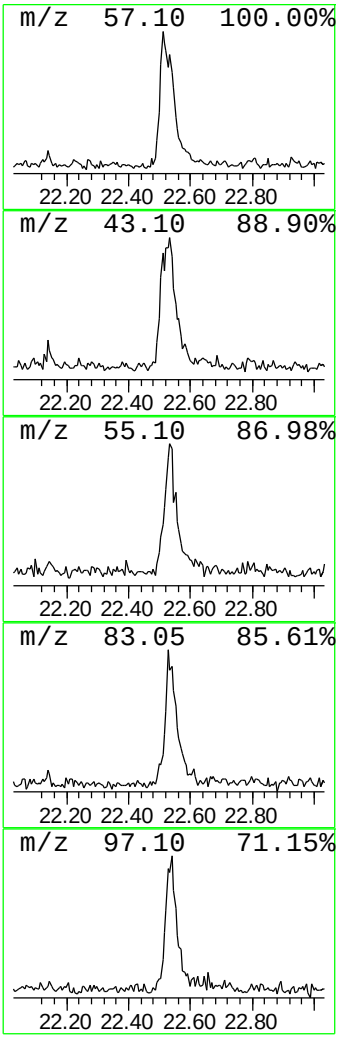
Peak Number 17 (DEL) Alkane: Cyclic22.53 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	6.07 ng/ul	280871	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	93
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	92
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90





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Data File : BG046955.D
Acq On : 18 Oct 2020 1:03
Operator : CG/JU
Sample : L4201-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AK9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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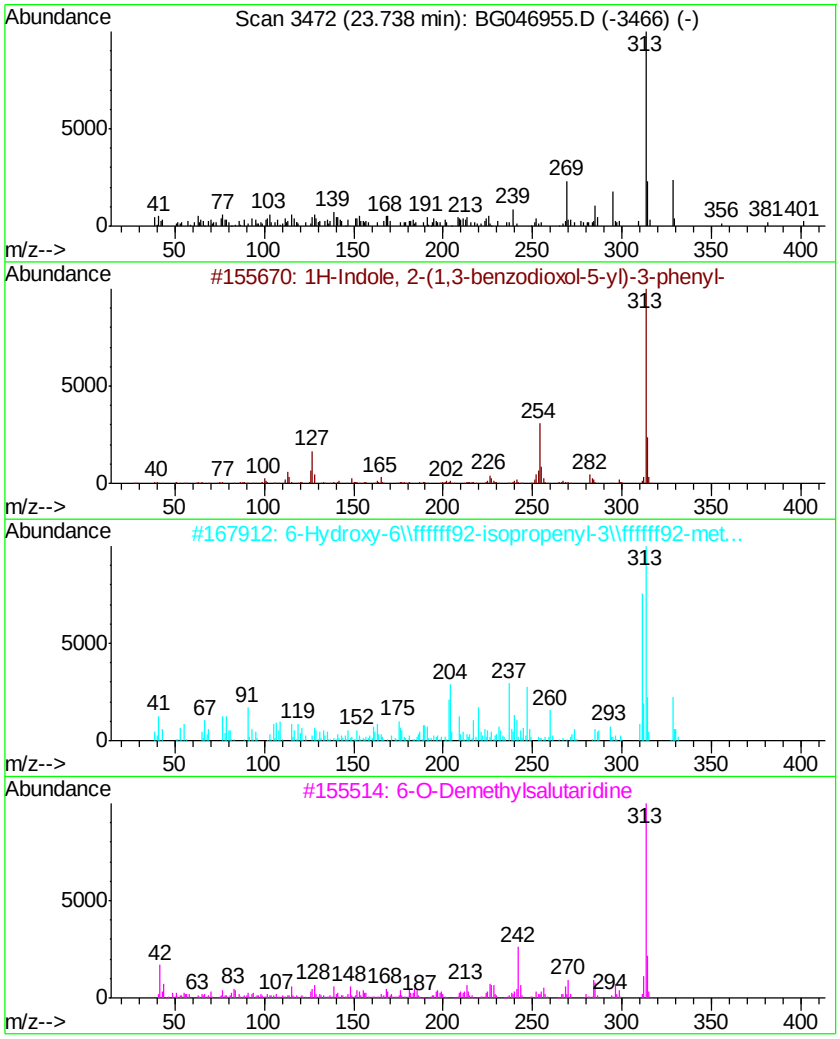
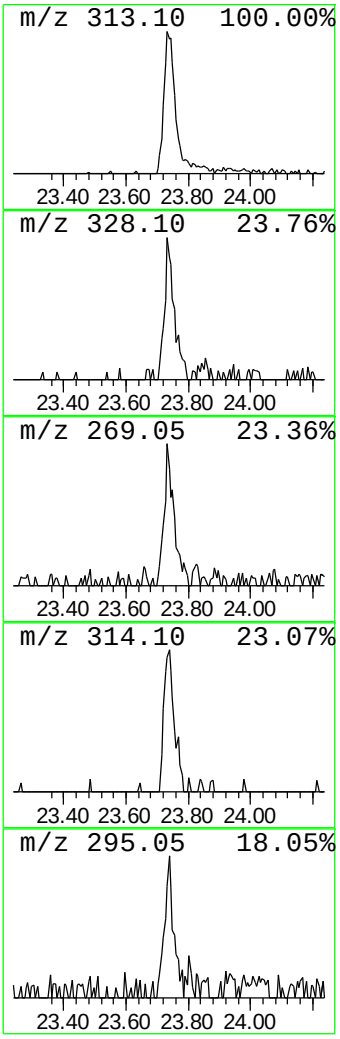
Peak Number 18 1H-Indole, 2-(1,3-benzodiox... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.59 ng/ul	129677	Perylene-d12	24.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 2-(1,3-benzodioxol-5-...	313	C21H15NO2	163064-44-6	53
2	6-Hydroxy-6\\ffffff92-isopropeny...	328	C21H28O3	137252-25-6	53
3	6-O-Demethylsalutaridine	313	C18H19NO4	1000127-84-6	52
4	Silane, dimethyl(4-(2-phenylprop...	328	C20H28O2Si	1000347-18-7	50
5	Silane, dimethyldi(4-acetylpheno...	328	C18H20O4Si	1000347-31-7	50





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Data File : BG046955.D
Acq On : 18 Oct 2020 1:03
Operator : CG/JU
Sample : L4201-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AK9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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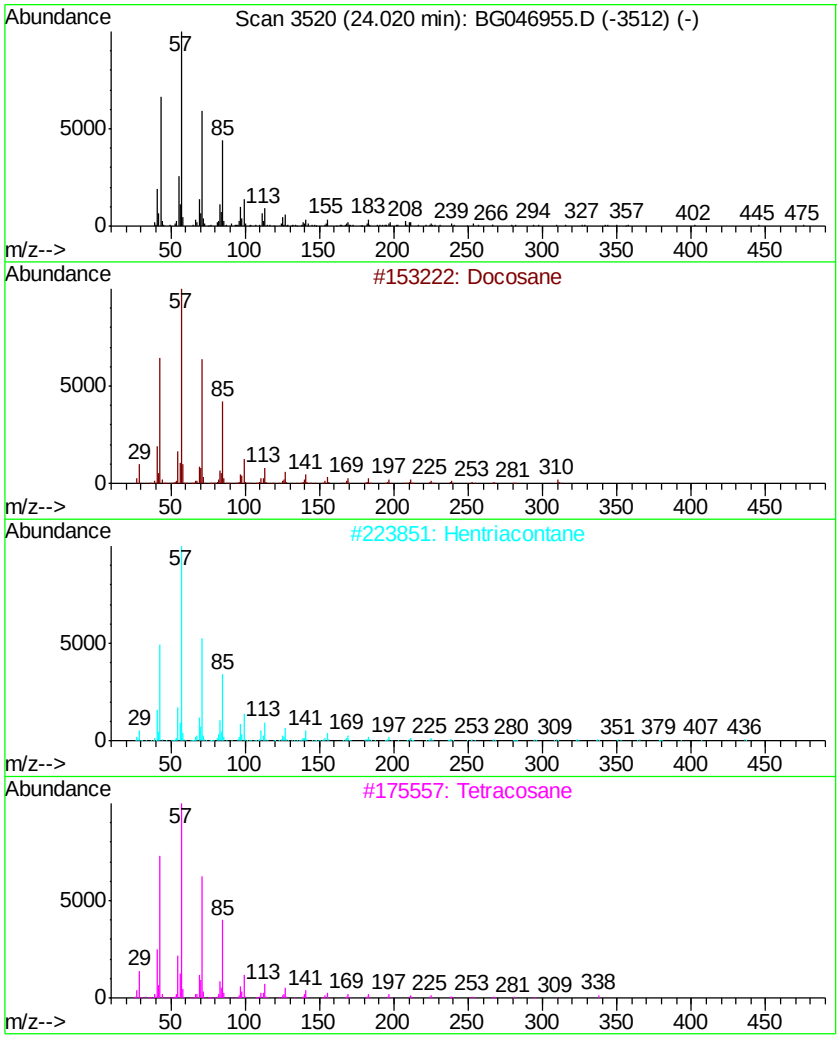
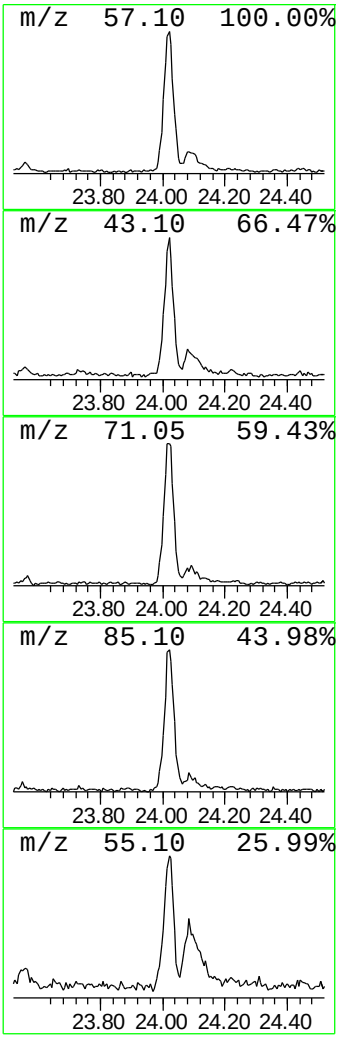
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	8.01 ng/ul	400822	Perylene-d12	24.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	90
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046955.D
Acq On : 18 Oct 2020 1:03
Operator : CG/JU
Sample : L4201-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AK9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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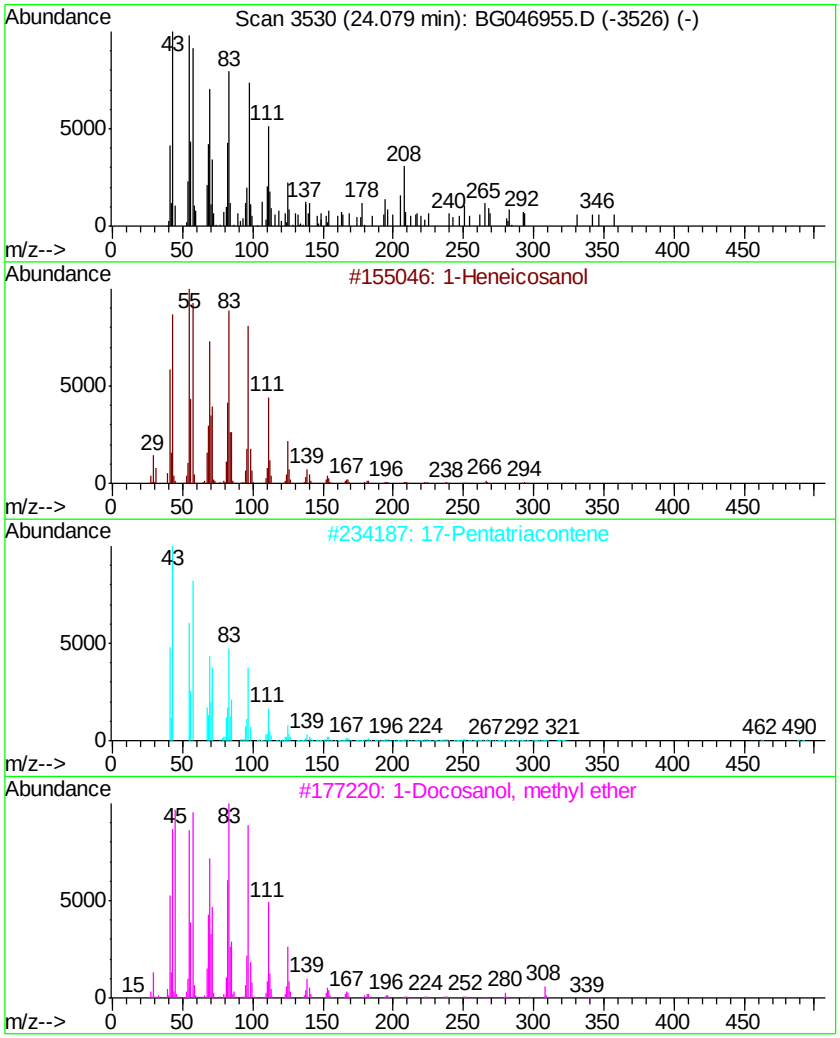
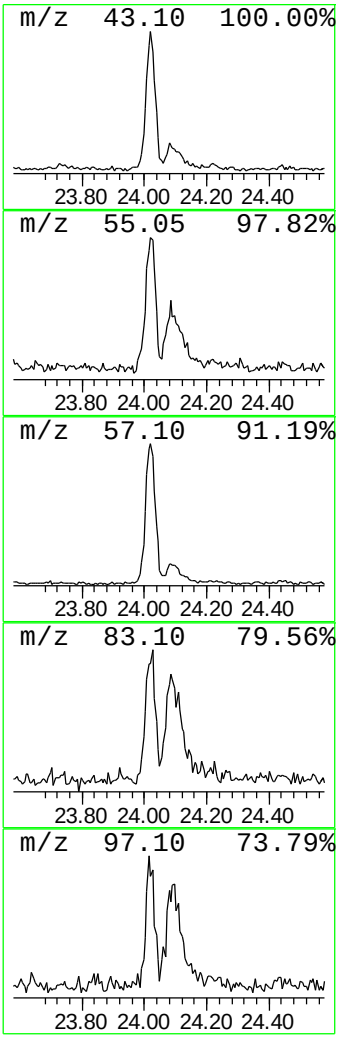
Peak Number 20 1-Heneicosanol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	2.87 ng/ul	143511	Perylene-d12	24.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	58
2	17-Pentatriacontene	491	C35H70	006971-40-0	58
3	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	53
4	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	53
5	1-Eicosanol	298	C20H42O	000629-96-9	52





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Data File : BG046955.D
Acq On : 18 Oct 2020 1:03
Operator : CG/JU
Sample : L4201-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AK9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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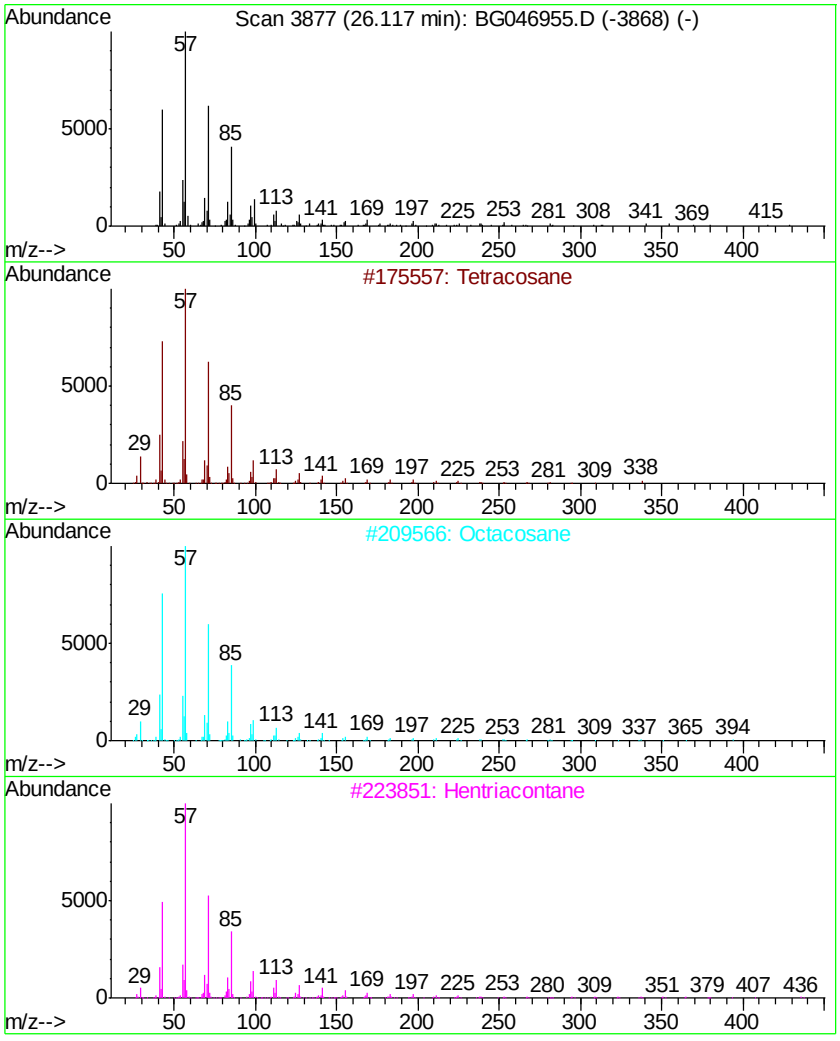
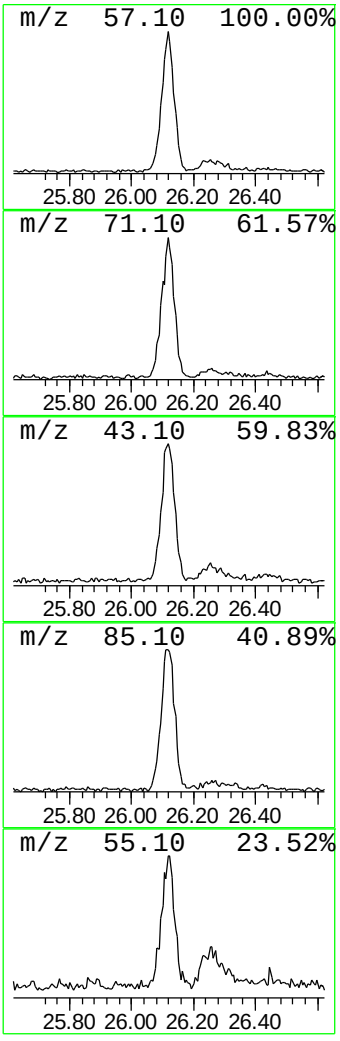
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.12	9.76 ng/ul	488607	Perylene-d12	24.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Heptacosane	380	C27H56	000593-49-7	83
5	Heneicosane	296	C21H44	000629-94-7	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046955.D
Acq On : 18 Oct 2020 1:03
Operator : CG/JU
Sample : L4201-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AK9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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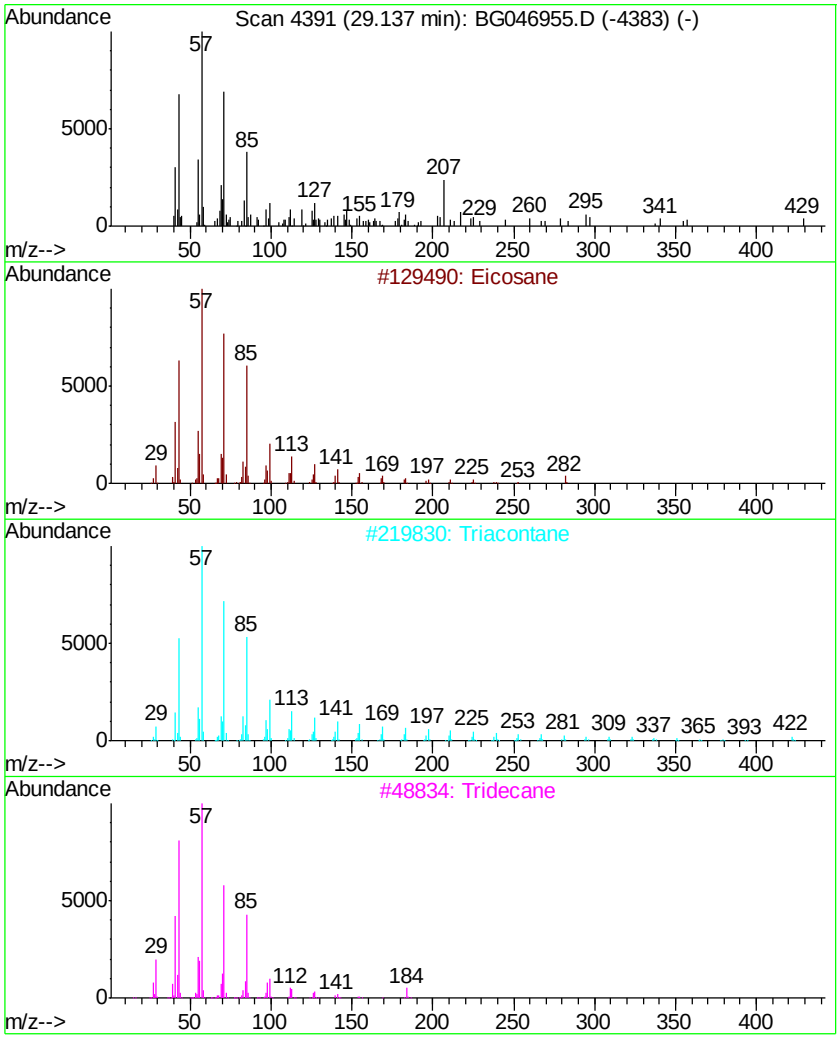
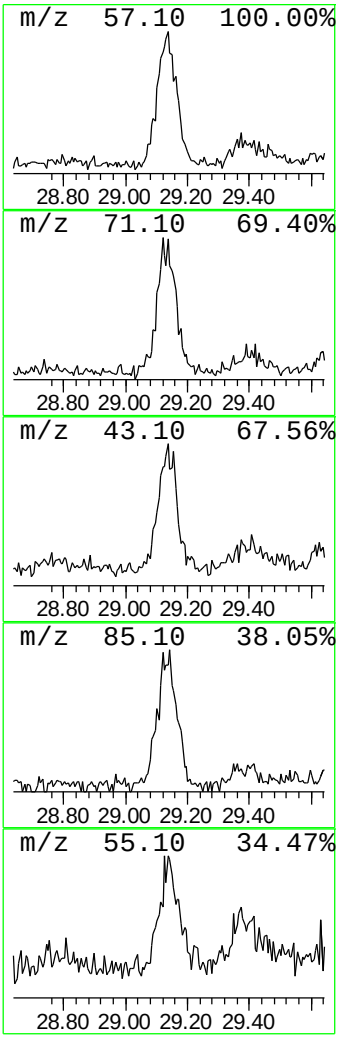
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.14	3.61 ng/ul	180788	Perylene-d12	24.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	52
2	Triacontane	422	C30H62	000638-68-6	47
3	Tridecane	184	C13H28	000629-50-5	43
4	Tetracosane	338	C24H50	000646-31-1	43
5	Nonadecane	268	C19H40	000629-92-5	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046955.D
Acq On : 18 Oct 2020 1:03
Operator : CG/JU
Sample : L4201-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AK9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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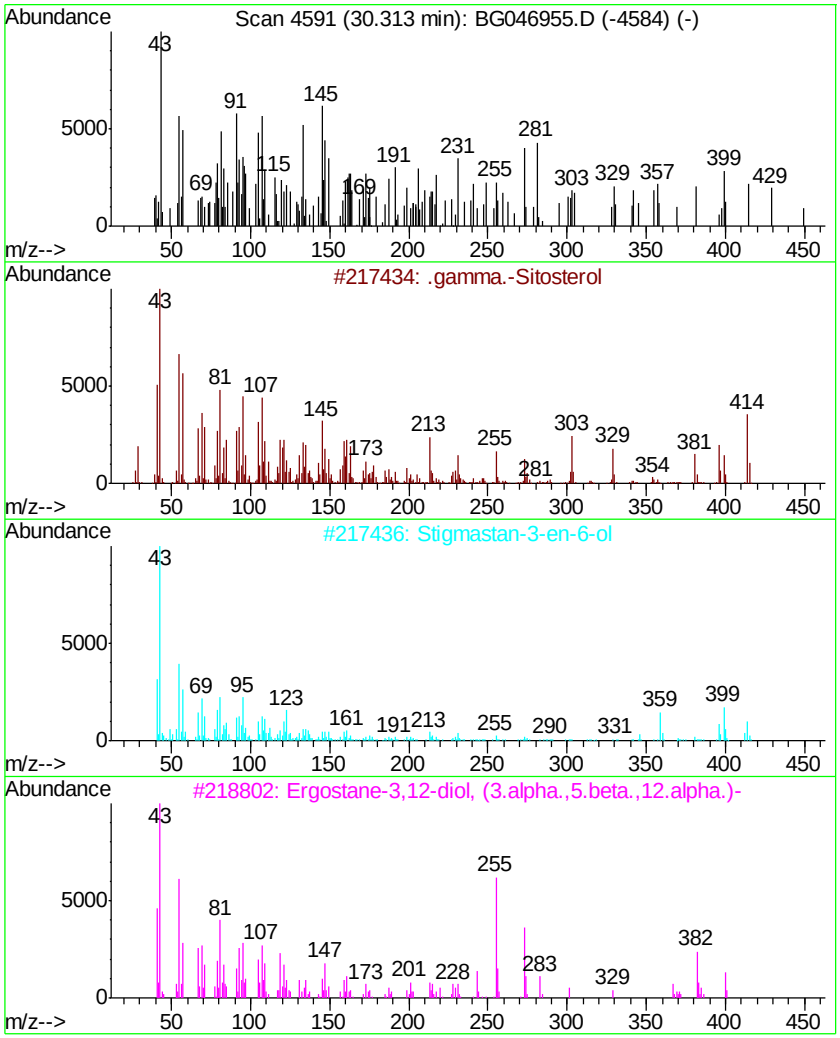
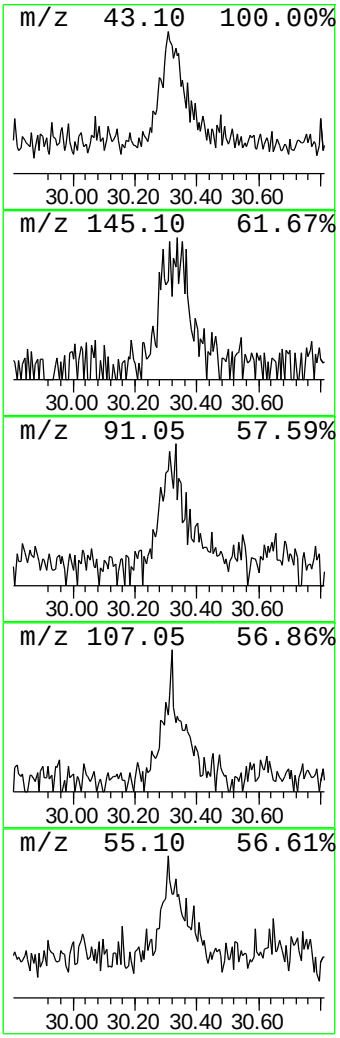
Peak Number 23 unknown-04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.31	4.68 ng/ul	234164	Perylene-d12	24.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	10
2	Stigmastan-3-en-6-ol	414	C29H50O	1000214-19-7	10
3	Ergostane-3,12-diol, (3.alpha.,5...	418	C28H50O2	056052-70-1	10
4	.beta.-Sitosterol	414	C29H50O	000083-46-5	9
5	Dimethylmalonic acid, decyl tetr...	468	C29H56O4	1000361-76-4	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101720\
Data File : BG046955.D
Acq On : 18 Oct 2020 1:03
Operator : CG/JU
Sample : L4201-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AK9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
.alpha.-Pinene	6.75	13.6	ng/ul	205880	1	8.07	302128	20.0
2-Propen-1-ol, 3-...	12.49	4.8	ng/ul	108670	2	10.88	452187	20.0
1,6-Cyclodecadien...	13.58	3.4	ng/ul	108690	3	14.70	631016	20.0
trans-Cinnamic acid	13.78	2.4	ng/ul	76500	3	14.70	631016	20.0
Bicyclo[5.2.0]non...	14.03	13.2	ng/ul	416188	3	14.70	631016	20.0
Naphthalene, 1,2,...	14.54	2.4	ng/ul	77002	3	14.70	631016	20.0
Naphthalene, 1,2,...	14.95	2.9	ng/ul	90784	3	14.70	631016	20.0
4-isopropyl-1,6-d...	15.01	3.1	ng/ul	98531	3	14.70	631016	20.0
Cedrene	16.02	2.1	ng/ul	65117	3	14.70	631016	20.0
.alpha.-Cubebene	16.16	6.1	ng/ul	257327	4	17.44	841950	20.0
n-Hexadecanoic acid	18.32	4.5	ng/ul	188513	4	17.44	841950	20.0
Vinyl trans-cinna...	20.21	2.7	ng/ul	126123	5	21.71	925868	20.0
unknown-01	20.35	2.8	ng/ul	128704	5	21.71	925868	20.0
unknown-02	20.99	2.6	ng/ul	118556	5	21.71	925868	20.0
unknown-03	21.17	81.2	ng/ul	3756620	5	21.71	925868	20.0
Pentafluoropropio...	21.34	6.0	ng/ul	276517	5	21.71	925868	20.0
(DEL) Alkane: Cyc...	22.53	6.1	ng/ul	280871	5	21.71	925868	20.0
1H-Indole, 2-(1,3...	23.74	2.6	ng/ul	129677	6	24.94	1001390	20.0
(DEL) Alkane: Str...	24.02	8.0	ng/ul	400822	6	24.94	1001390	20.0
1-Heneicosanol	24.08	2.9	ng/ul	143511	6	24.94	1001390	20.0
(DEL) Alkane: Str...	26.12	9.8	ng/ul	488607	6	24.94	1001390	20.0
(DEL) Alkane: Str...	29.14	3.6	ng/ul	180788	6	24.94	1001390	20.0
unknown-04	30.31	4.7	ng/ul	234164	6	24.94	1001390	20.0