LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026892.D
Acq On : 28 Jul 2020 15:53
Operator : JU/CG
Sample : L3388-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

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_M\METHODS\SOM-EPA-BM072720MA.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	2.772	3	6	11	rVB4	9182	11604	0.48%	0.048%
2	2.825	13	15	23	rVB2	7801	10409	0.43%	0.043%
3	2.907	23	29	37	rBV	300256	468922	19.48%	1.937%
4	2.978	37	41	59	rVB	2055684	2406609	100.00%	9.944%
5	3.219	78	82	88	rBV	20503	27194	1.13%	0.112%
6	3.860	186	191	194	rBV	12597	17761	0.74%	0.073%
7	4.831	350	356	360	rBV	14780	19005	0.79%	0.079%
8	6.395	616	622	627	rVB3	7978	12345	0.51%	0.051%
9	6.842	687	698	707	rBV	196863	307984	12.80%	1.273%
10	7.007	721	726	736	rBV	136062	212963	8.85%	0.880%
11	7.207	754	760	768	rBV	182761	281745	11.71%	1.164%
12	7.672	833	839	847	rVB	301831	464539	19.30%	1.919%
13	7.913	874	880	885	rVB2	17025	25101	1.04%	0.104%
14	8.372	952	958	968	rBV	232532	357861	14.87%	1.479%
15	8.813	1025	1033	1041	rBV	180651	288173	11.97%	1.191%
16	9.530	1149	1155	1165	rBV	115115	185764	7.72%	0.768%
17	10.066	1240	1246	1257	rBV	226439	360820	14.99%	1.491%
18	10.448	1304	1311	1318	rVB	358736	582210	24.19%	2.406%
19	10.572	1326	1332	1342	rBV	203687	340611	14.15%	1.407%
20	11.919	1557	1561	1566	rBV2	10841	14305	0.59%	0.059%
21	12.836	1712	1717	1723	rVB3	11390	15370	0.64%	0.064%
22	13.118	1759	1765	1770	rVV2	82810	112420	4.67%	0.464%
23	13.207	1776	1780	1782	rVV5	16094	23178	0.96%	0.096%
24	13.230	1782	1784	1789	rVV4	11652	14482	0.60%	0.060%
25	13.336	1797	1802	1808	rVB2	62663	81929	3.40%	0.339%
26	13.460	1819	1823	1826	rVV2	17880	24200	1.01%	0.100%
27	13.507	1826	1831	1839	rVV2	69899	110286	4.58%	0.456%
28	13.595	1839	1846	1851	rVV	525222	760216	31.59%	3.141%
29	13.648	1851	1855	1861	rVV2	92284	152651	6.34%	0.631%
30	13.718	1861	1867	1871	rVV	382596	535916	22.27%	2.214%
31	13.765	1871	1875	1884	rVV	56337	112155	4.66%	0.463%
32	13.848	1884	1889	1900	rVB2	133979	197687	8.21%	0.817%
33	13.995	1905	1914	1920	rBV	442297	642554	26.70%	2.655%
34	14.060	1920	1925	1929	rVV	77016	107829	4.48%	0.446%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026892.D
Acq On : 28 Jul 2020 15:53
Operator : JU/CG
Sample : L3388-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

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_M\METHODS\SOM-EPA-BM072720MA.M
Title : SVOA CALIBRATION

35	14.118	1929	1935	1936	rVV3	17291	29174	1.21%	0.121%
36	14.154	1936	1941	1943	rVV	147660	225204	9.36%	0.930%
37	14.177	1943	1945	1949	rVV	125122	157475	6.54%	0.651%
38	14.224	1949	1953	1959	rVV	269995	357444	14.85%	1.477%
39	14.307	1959	1967	1972	rVV2	519686	804102	33.41%	3.322%
40	14.348	1972	1974	1978	rVV2	56462	67396	2.80%	0.278%
41	14.395	1978	1982	1987	rVV6	17534	30235	1.26%	0.125%
42	14.448	1987	1991	1992	rVV4	8722	11823	0.49%	0.049%
43	14.489	1992	1998	2008	rVV	173649	310336	12.90%	1.282%
44	14.577	2008	2013	2023	rVV2	127023	210793	8.76%	0.871%
45	14.771	2039	2046	2050	rVV3	17102	34951	1.45%	0.144%
46	14.818	2050	2054	2058	rVV	37533	48318	2.01%	0.200%
47	14.877	2058	2064	2070	rVB5	44640	64670	2.69%	0.267%
48	14.995	2079	2084	2091	rBV3	8503	15637	0.65%	0.065%
49	15.218	2115	2122	2127	rBV6	9651	15549	0.65%	0.064%
50	15.301	2130	2136	2143	rBV	536480	747966	31.08%	3.090%
51	15.407	2150	2154	2160	rBV	92310	127649	5.30%	0.527%
52	15.554	2171	2179	2183	rBV6	25505	41900	1.74%	0.173%
53	15.601	2183	2187	2197	rVB2	99634	141429	5.88%	0.584%
54	15.736	2201	2210	2213	rBV7	11038	23473	0.98%	0.097%
55	15.777	2213	2217	2226	rVB3	20154	30422	1.26%	0.126%
56	15.948	2240	2246	2248	rBV2	28391	42439	1.76%	0.175%
57	16.048	2259	2263	2266	rVV4	5329	10042	0.42%	0.041%
58	16.336	2307	2312	2319	rBV4	40897	66351	2.76%	0.274%
59	16.824	2390	2395	2402	rVB3	36685	51704	2.15%	0.214%
60	17.048	2427	2433	2439	rBV	640958	857850	35.65%	3.544%
61	17.148	2443	2450	2456	rVV	567378	791768	32.90%	3.271%
62	17.195	2456	2458	2465	rVB4	8333	13513	0.56%	0.056%
63	17.259	2465	2469	2473	rBV6	11748	15408	0.64%	0.064%
64	17.924	2575	2582	2586	rBV8	14068	26551	1.10%	0.110%
65	17.971	2586	2590	2598	rVV2	44056	65124	2.71%	0.269%
66	18.936	2750	2754	2759	rVB2	46385	56111	2.33%	0.232%
67	19.136	2785	2788	2791	rVV3	11238	14973	0.62%	0.062%
68	19.177	2791	2795	2800	rVB4	29906	39115	1.63%	0.162%
69	19.259	2804	2809	2815	rBV5	22641	32189	1.34%	0.133%
70	19.347	2819	2824	2828	rBV4	36649	48452	2.01%	0.200%
71	19.442	2834	2840	2846	rBV	669206	878554	36.51%	3.630%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026892.D
Acq On : 28 Jul 2020 15:53
Operator : JU/CG
Sample : L3388-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

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_M\METHODS\SOM-EPA-BM072720MA.M
Title : SVOA CALIBRATION

72	19.489	2846	2848	2854	rVB5	8912	11653	0.48%	0.048%
73	19.642	2870	2874	2877	rVB4	25384	29223	1.21%	0.121%
74	19.730	2885	2889	2894	rBV2	54224	62271	2.59%	0.257%
75	19.789	2895	2899	2903	rVB4	18952	22814	0.95%	0.094%
76	19.842	2905	2908	2912	rBV5	14779	17434	0.72%	0.072%
77	20.000	2931	2935	2940	rVB7	11708	15105	0.63%	0.062%
78	20.177	2960	2965	2971	rBV	203873	266060	11.06%	1.099%
79	20.265	2976	2980	2985	rVB6	14355	20608	0.86%	0.085%
80	20.347	2987	2994	2998	rBV2	1590697	1929682	80.18%	7.973%
81	20.389	2998	3001	3012	rVB3	269643	433323	18.01%	1.790%
82	20.541	3022	3027	3033	rBV2	91320	126323	5.25%	0.522%
83	20.847	3074	3079	3083	rBV4	85081	135251	5.62%	0.559%
84	20.988	3096	3103	3107	rBV4	82306	139944	5.81%	0.578%
85	21.030	3107	3110	3112	rVV3	56530	72793	3.02%	0.301%
86	21.065	3112	3116	3122	rVB2	167122	225313	9.36%	0.931%
87	21.247	3141	3147	3152	rBV	796405	995690	41.37%	4.114%
88	21.288	3152	3154	3157	rVB3	14652	14107	0.59%	0.058%
89	21.441	3175	3180	3183	rBV6	38738	56663	2.35%	0.234%
90	21.477	3184	3186	3192	rVB6	20195	26032	1.08%	0.108%
91	21.800	3237	3241	3244	rBV2	104694	131664	5.47%	0.544%
92	21.847	3244	3249	3253	rVV2	135661	297769	12.37%	1.230%
93	21.883	3253	3255	3265	rVB3	97240	145103	6.03%	0.600%
94	22.853	3416	3420	3423	rBV2	48482	67110	2.79%	0.277%
95	23.324	3494	3500	3507	rVB2	511975	905586	37.63%	3.742%
96	23.465	3513	3524	3531	rBV	545518	1080925	44.91%	4.466%
97	24.071	3622	3627	3633	rBV2	74869	138178	5.74%	0.571%
98	24.141	3633	3639	3647	rVB4	95847	201624	8.38%	0.833%
99	25.694	3896	3903	3913	rVB2	147379	389718	16.19%	1.610%
100	26.529	4038	4045	4056	rVB6	157979	451888	18.78%	1.867%

Sum of corrected areas: 24202742

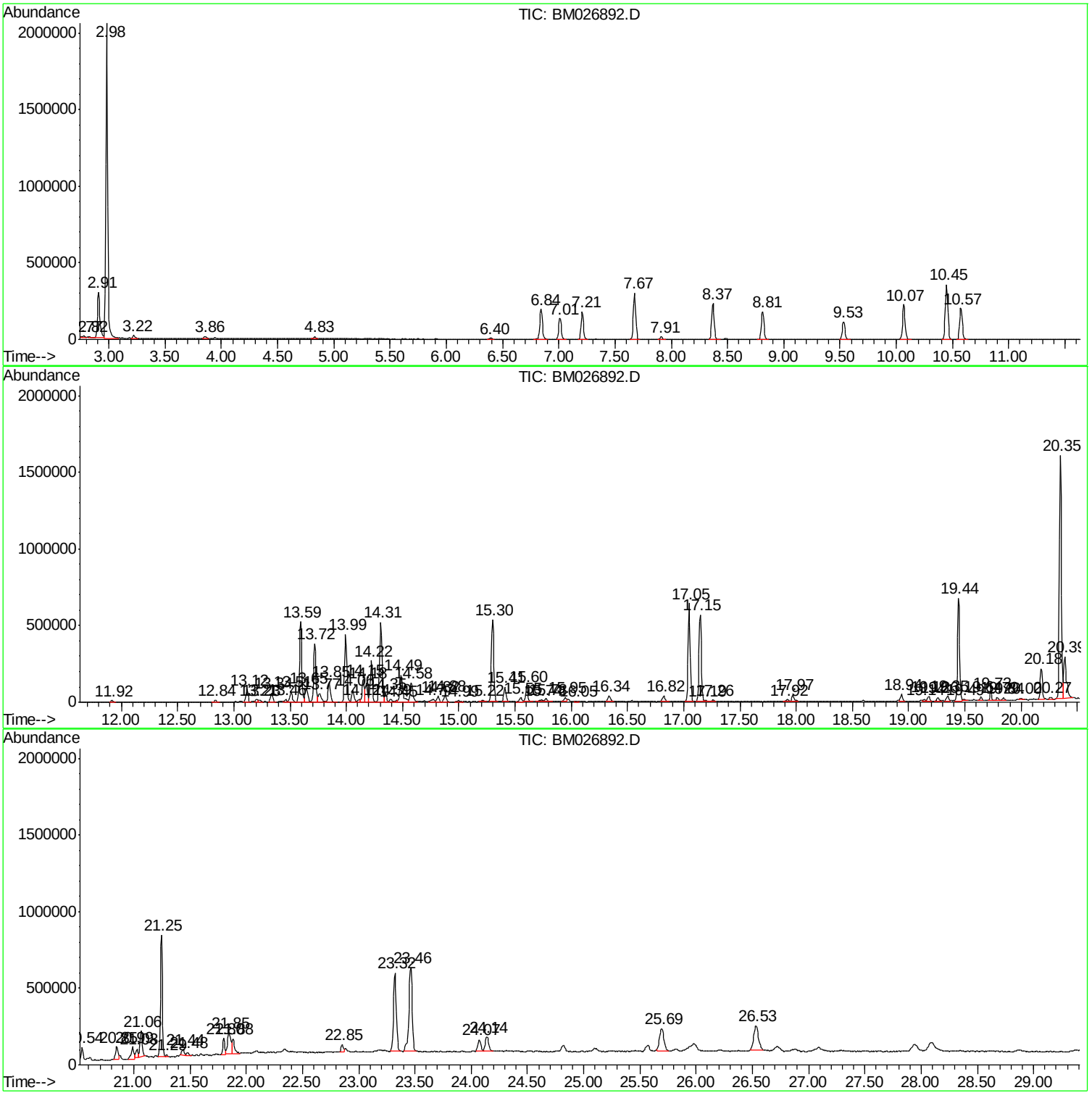
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026892.D
Acq On : 28 Jul 2020 15:53
Operator : JU/CG
Sample : L3388-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026892.D
Acq On : 28 Jul 2020 15:53
Operator : JU/CG
Sample : L3388-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

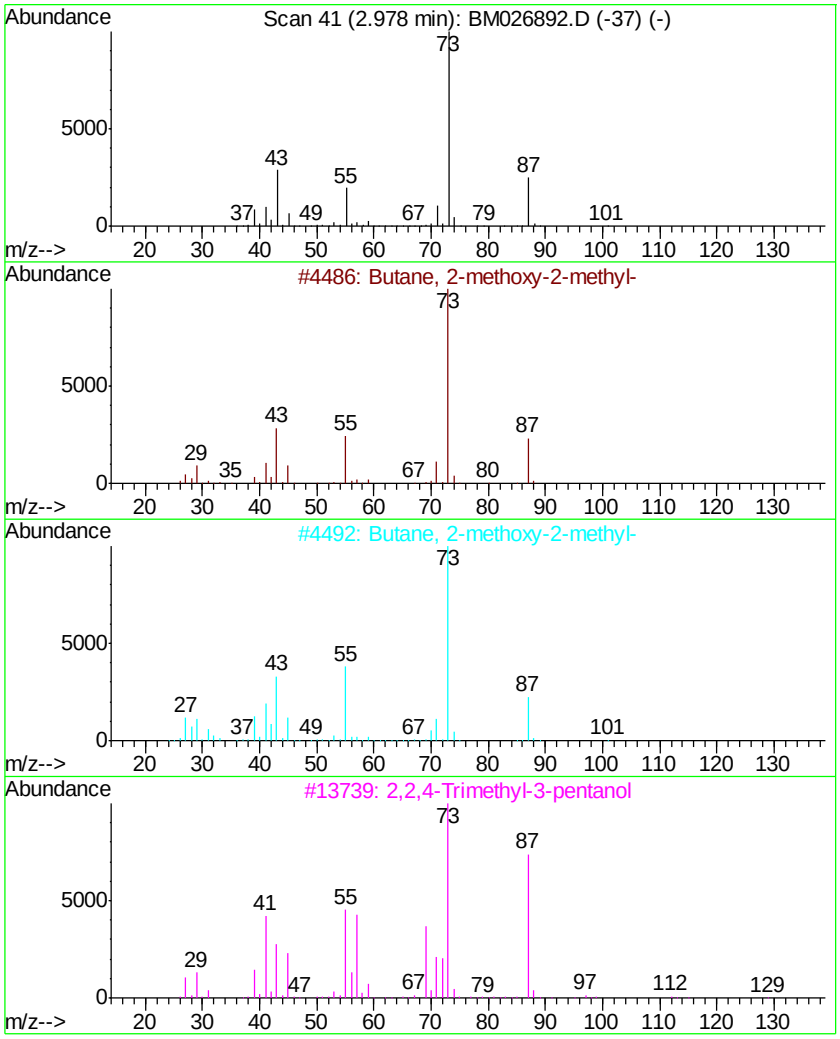
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

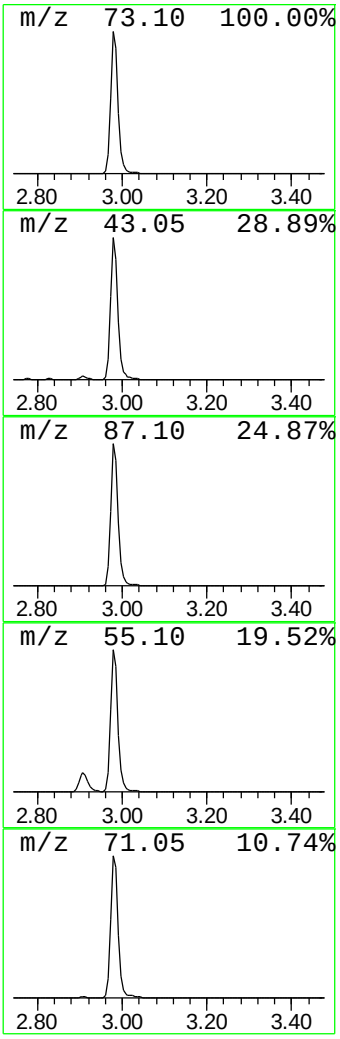
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	103.61 ng/ul	2406610	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026892.D
Acq On : 28 Jul 2020 15:53
Operator : JU/CG
Sample : L3388-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

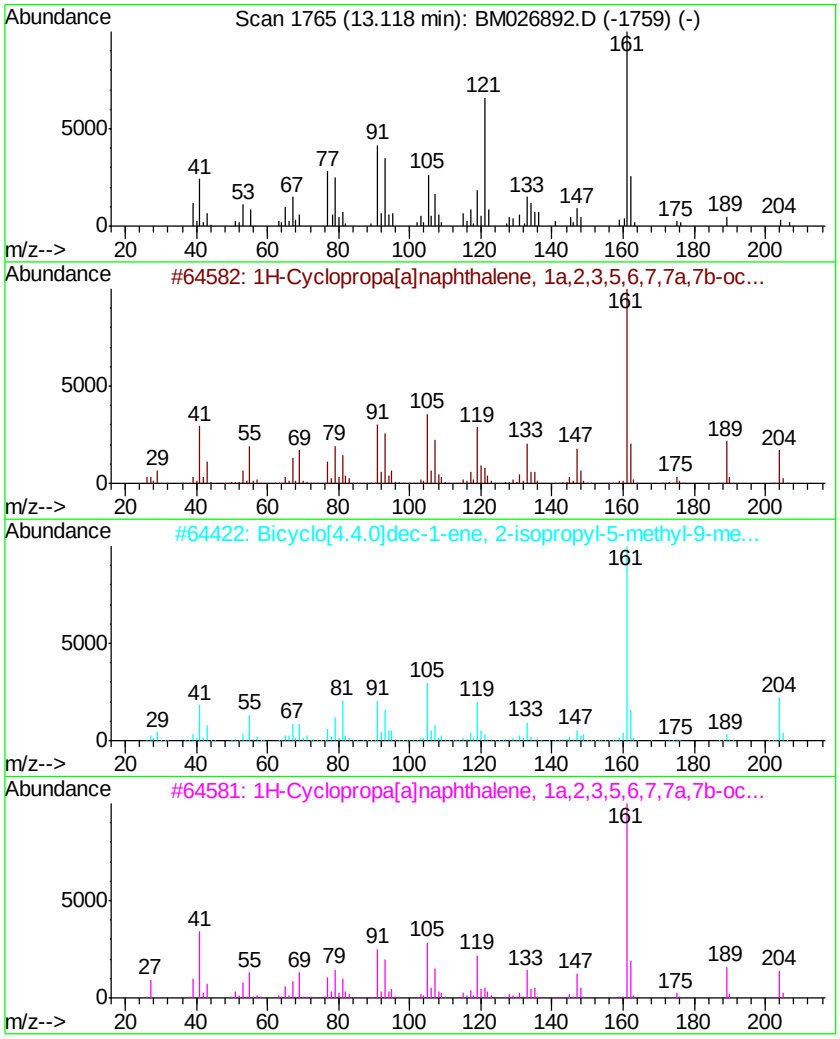
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

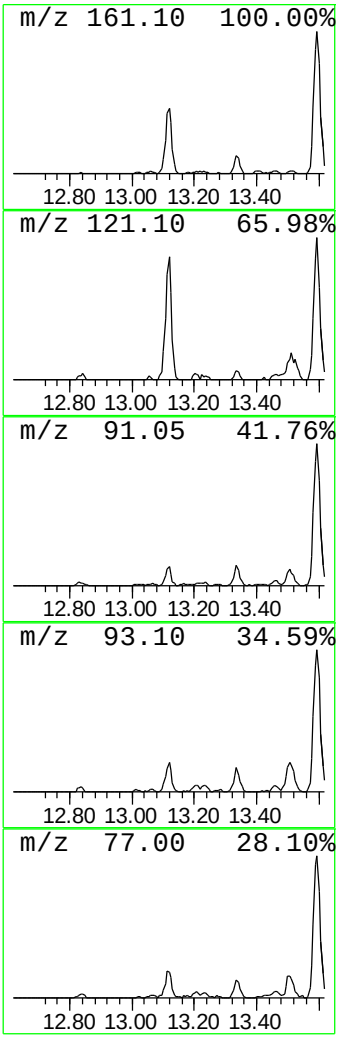
****

Peak Number 3 1H-Cyclopropa[a]naphthalene... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	2.80 ng/ul	112420	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	53
2	Bicyclo[4.4.0]dec-1-ene, 2-isopr...	204	C15H24	150320-52-8	53
3	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	43
4	4-Amino-1-oxo-1,2-dihydrophthala...	161	C8H7N3O	013580-88-6	43
5	Tetracyclo[6.1.0.0(2,4).0(5,7)]n...	204	C15H24	051898-92-1	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026892.D
Acq On : 28 Jul 2020 15:53
Operator : JU/CG
Sample : L3388-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

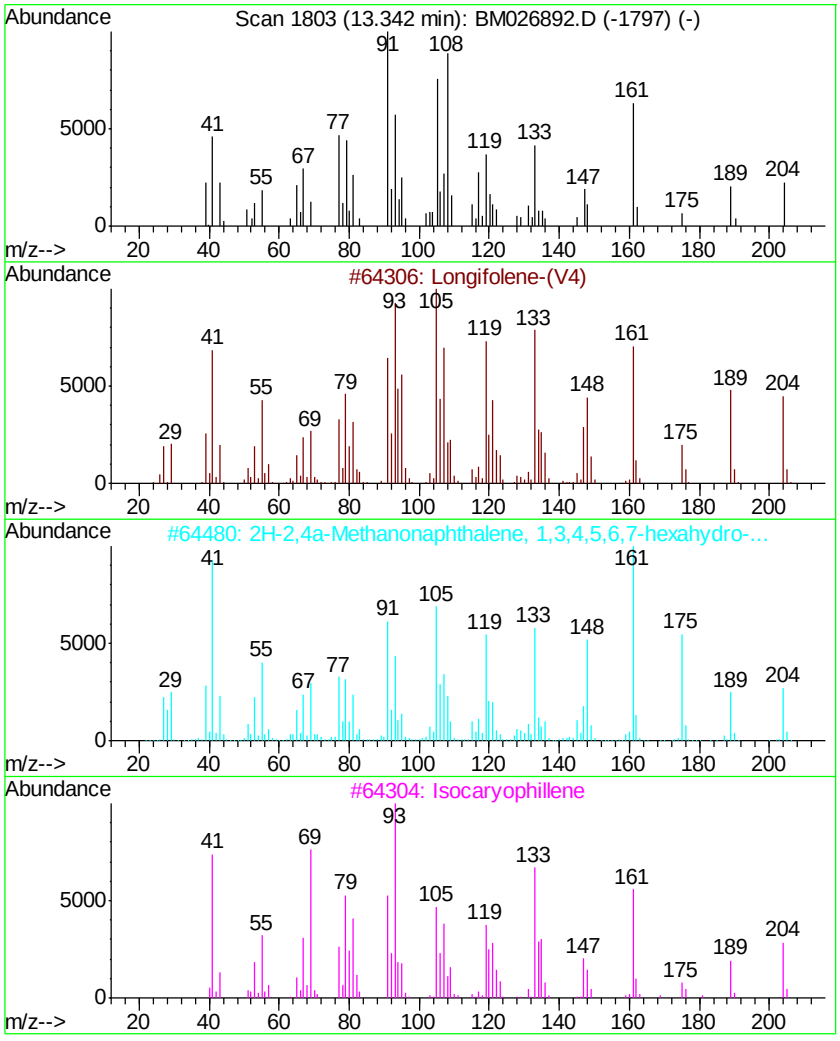
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

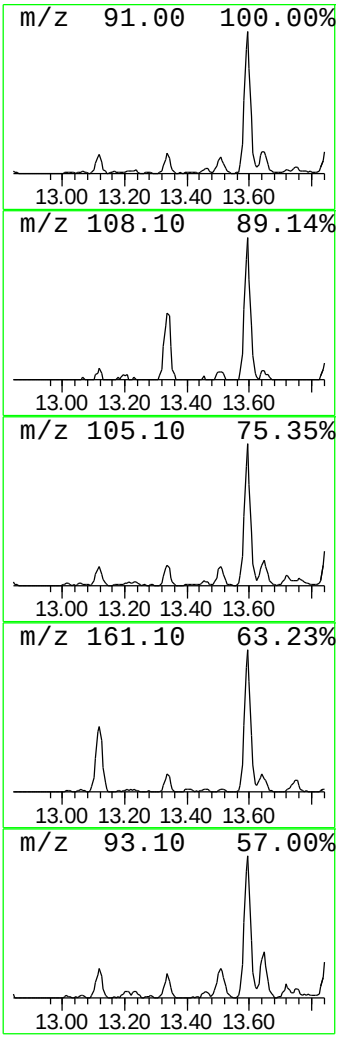
****

Peak Number 4 Longifolene-(V4) Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	2.04 ng/ul	81929	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolene-(V4)	204	C15H24	061262-67-7	80
2	2H-2,4a-Methanonaphthalene, 1,3,...	204	C15H24	001135-66-6	70
3	Isocaryophillene	204	C15H24	1000140-07-2	70
4	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	64
5	Ylangene	204	C15H24	014912-44-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026892.D
Acq On : 28 Jul 2020 15:53
Operator : JU/CG
Sample : L3388-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

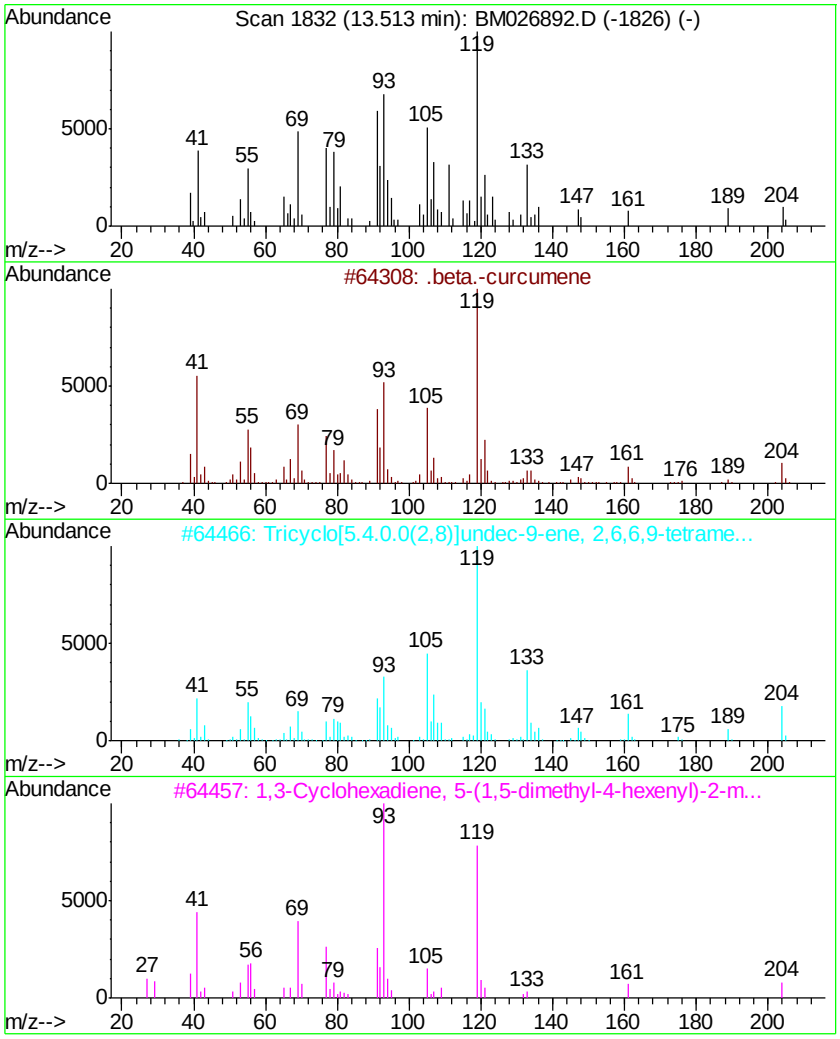
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

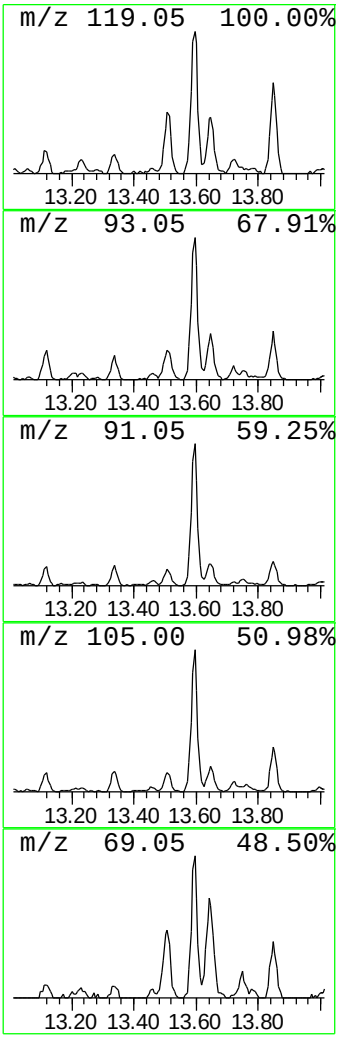
****

Peak Number 5 .beta.-curcumene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	2.74 ng/ul	110286	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-curcumene	204	C15H24	1000374-17-4	64
2	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	55
3	1,3-Cyclohexadiene, 5-(1,5-dimet...	204	C15H24	000495-60-3	46
4	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	46
5	Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026892.D
Acq On : 28 Jul 2020 15:53
Operator : JU/CG
Sample : L3388-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

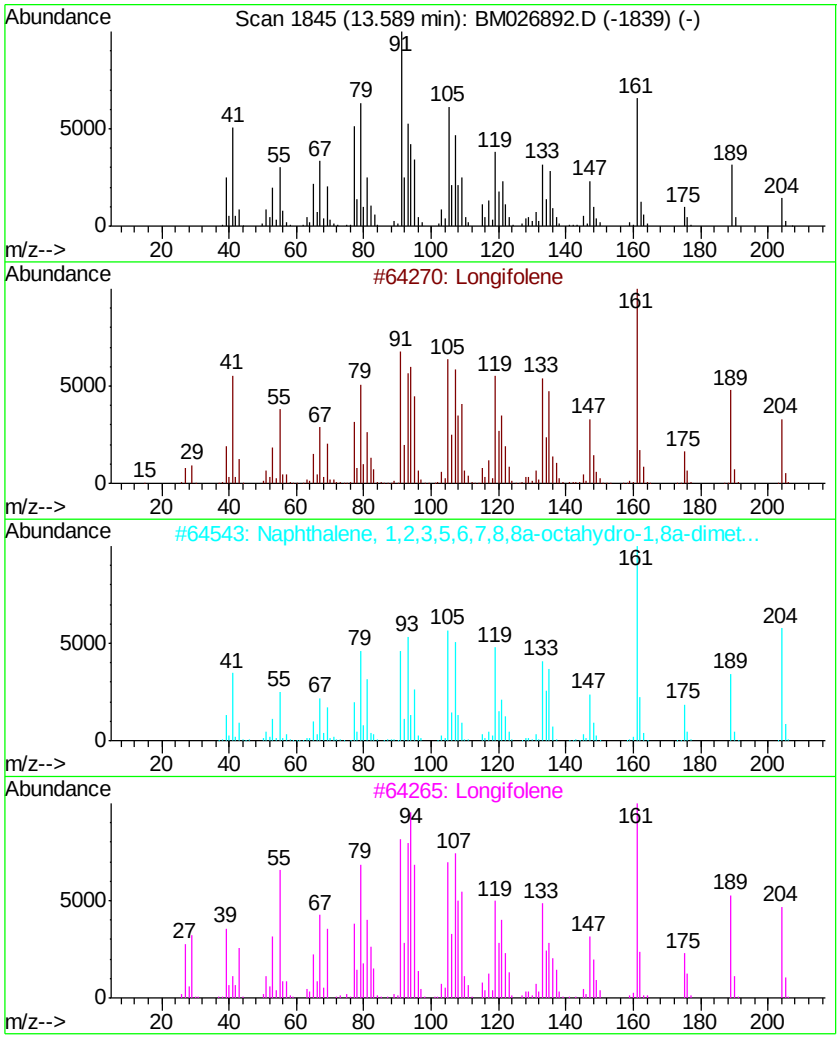
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

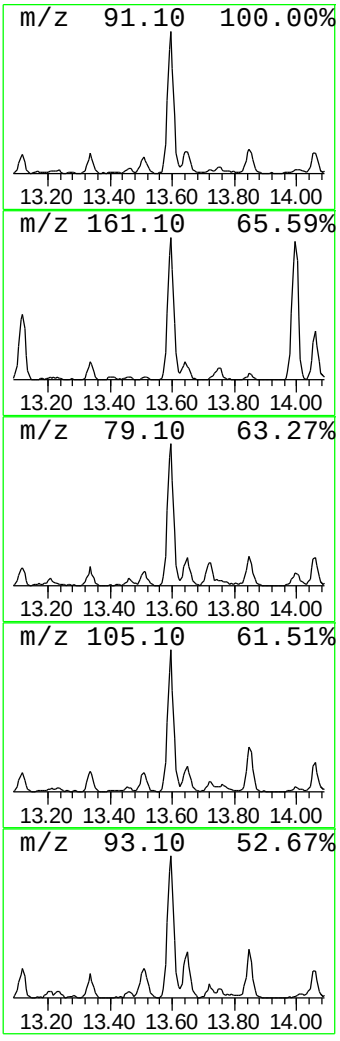
****

Peak Number 6 Longifolene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	18.91 ng/ul	760216	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolene	204	C15H24	000475-20-7	98
2	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	91
3	Longifolene	204	C15H24	000475-20-7	91
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	010219-75-7	90
5	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	90





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Acq On : 28 Jul 2020 15:53
Operator : JU/CG
Sample : L3388-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

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Quant Title : SVOA CALIBRATION

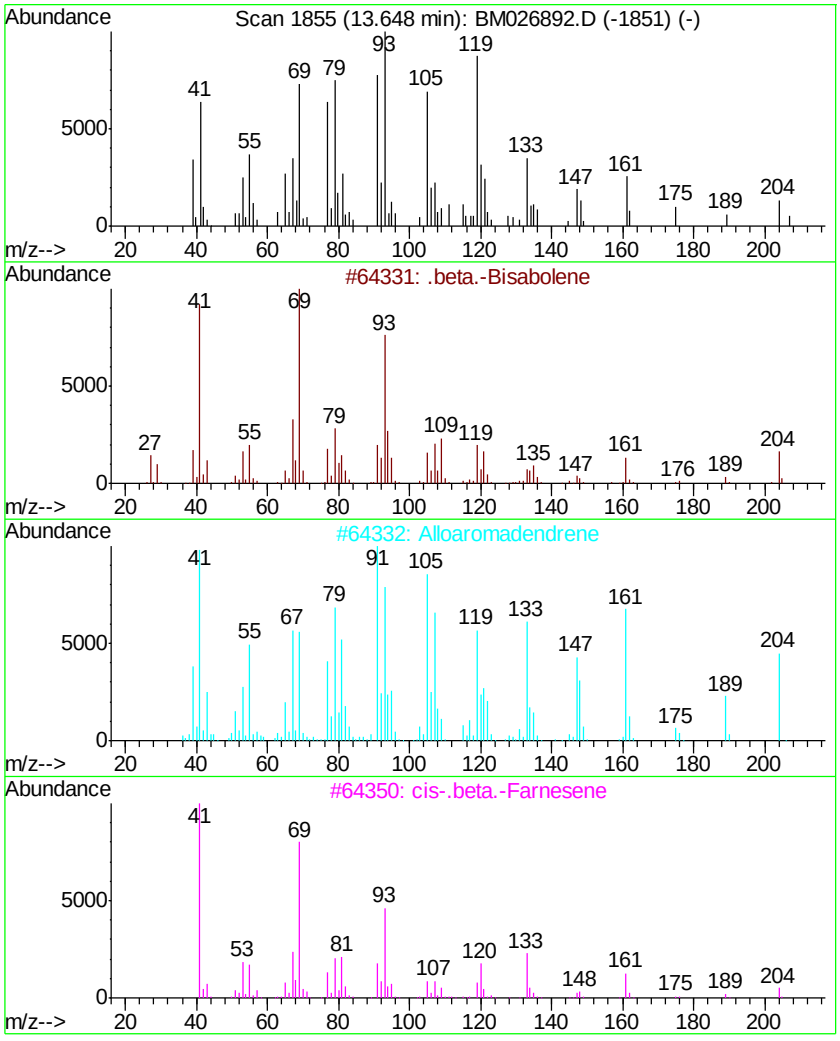
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

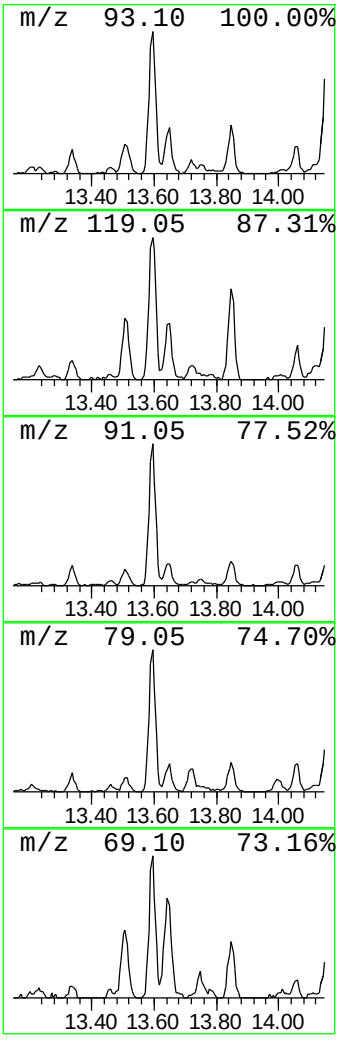
****

Peak Number 7 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	3.80 ng/ul	152651	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Bisabolene	204	C15H24	000495-61-4	49
2	Alloaromadendrene	204	C15H24	025246-27-9	45
3	cis-.beta.-Farnesene	204	C15H24	028973-97-9	42
4	(E)-.beta.-Famesene	204	C15H24	018794-84-8	41
5	cis-.alpha.-Bisabolene	204	C15H24	029837-07-8	38





Library Search Compound Report

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Acq On : 28 Jul 2020 15:53
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Sample : L3388-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

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Quant Title : SVOA CALIBRATION

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

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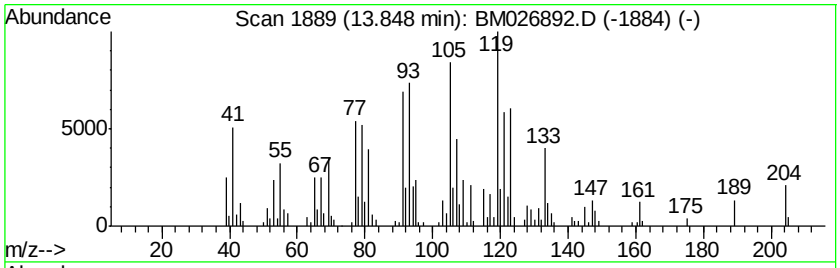
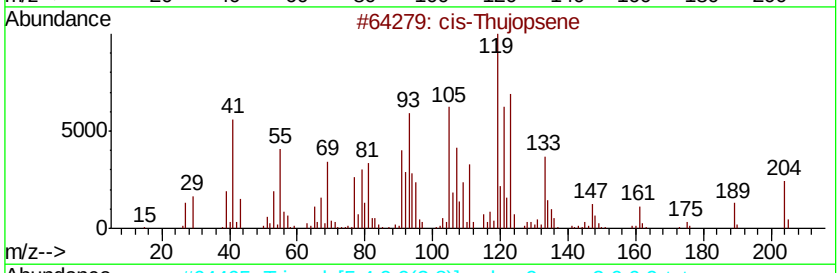
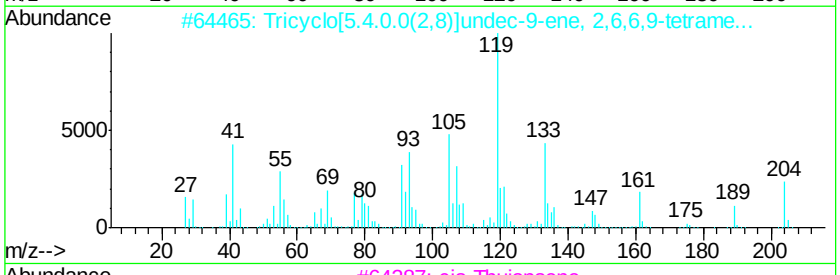
Peak Number 8 cis-Thujopsene Concentration Rank 13

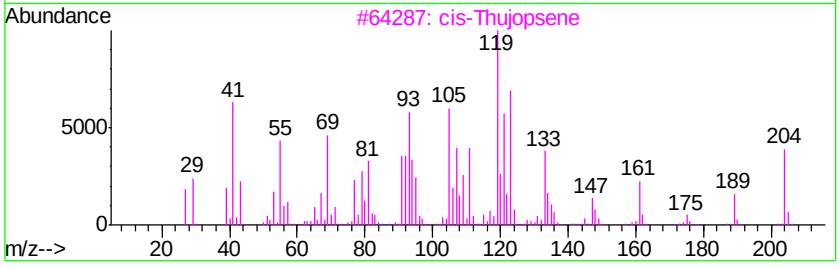
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	4.92 ng/ul	197687	Acenaphthene-d10	14.31

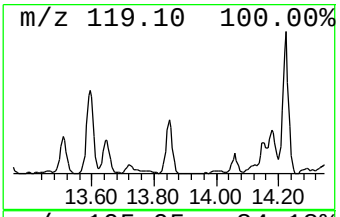
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Thujopsene	204	C15H24	000470-40-6	95
2	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	90
3	cis-Thujopsene	204	C15H24	000470-40-6	89
4	cis-Thujopsene	204	C15H24	000470-40-6	87
5	cis-Thujopsene	204	C15H24	000470-40-6	83

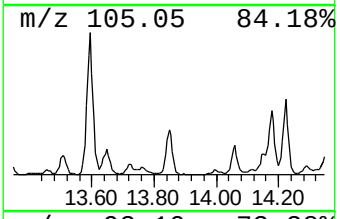


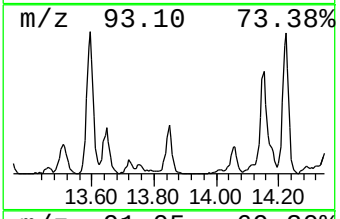


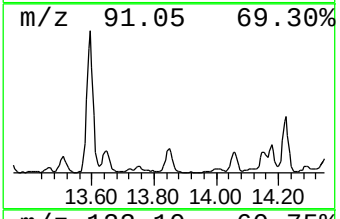


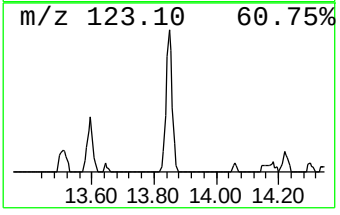












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Data File : BM026892.D
Acq On : 28 Jul 2020 15:53
Operator : JU/CG
Sample : L3388-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

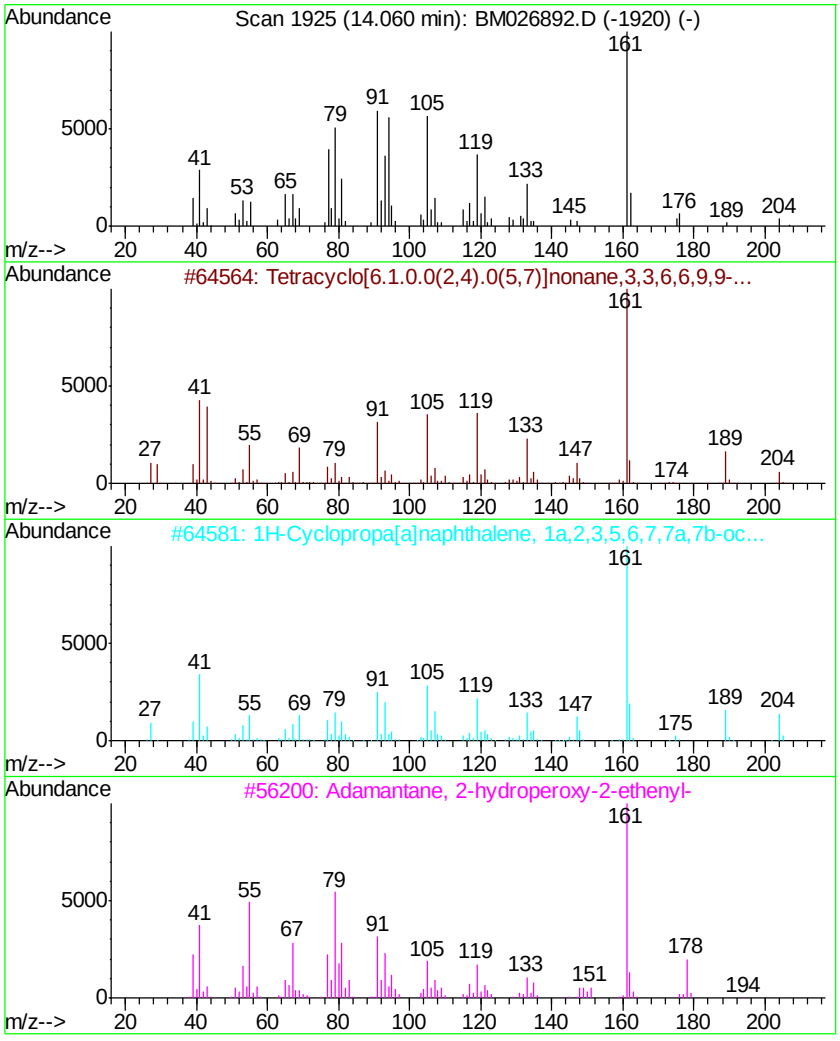
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

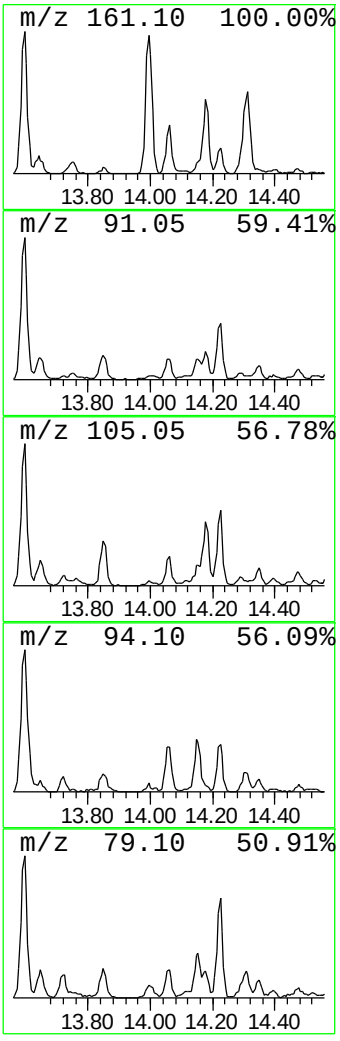
****

Peak Number 9 Tetracyclo[6.1.0.0(2,4).0(5... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	2.68 ng/ul	107829	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[6.1.0.0(2,4).0(5,7)]n...	204	C15H24	051898-92-1	70
2	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	64
3	Adamantane, 2-hydroperoxy-2-ethe...	194	C12H18O2	1000142-83-9	53
4	1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	50
5	.beta.-copaene	204	C15H24	1000374-18-9	50





Library Search Compound Report

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Operator : JU/CG
Sample : L3388-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

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Quant Title : SVOA CALIBRATION

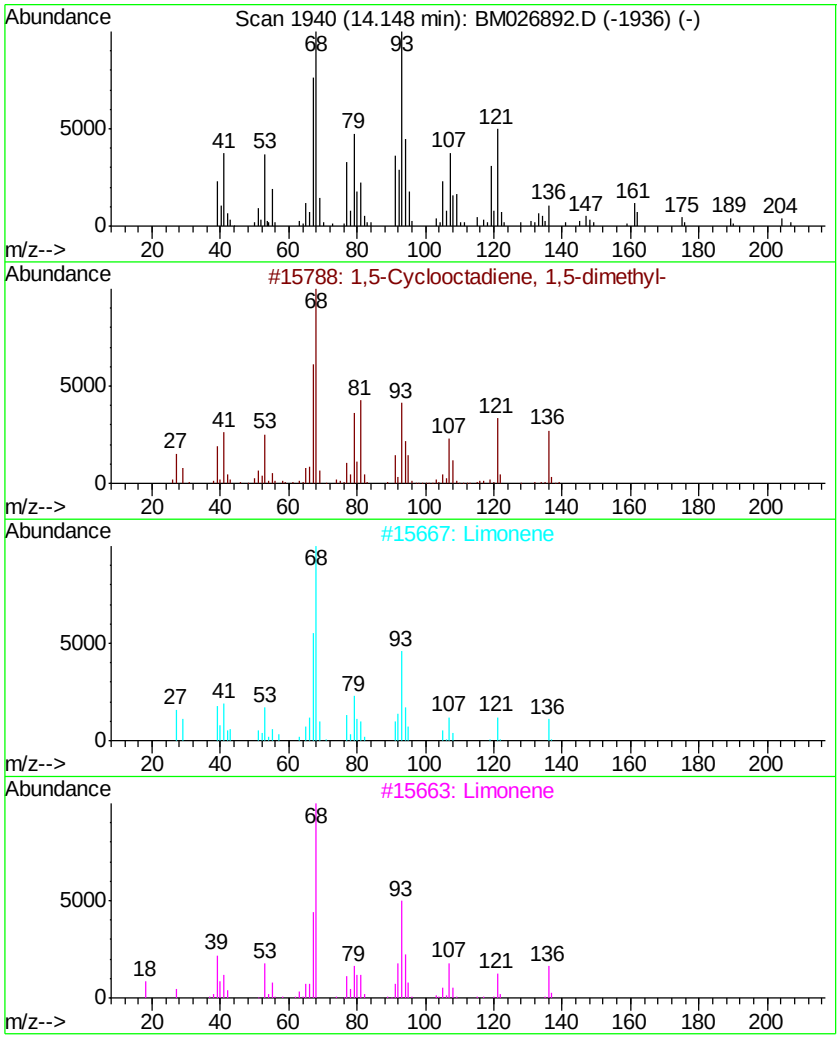
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

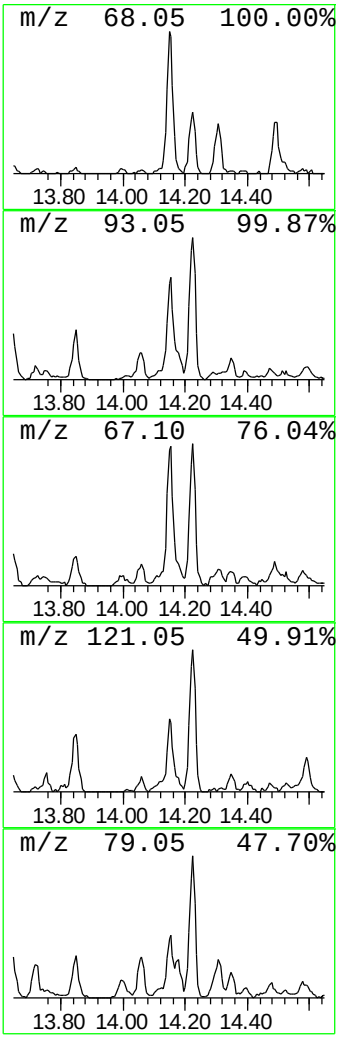
****

Peak Number 10 1,5-Cyclooctadiene, 1,5-dim... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	5.60 ng/ul	225204	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	93
2	Limonene	136	C10H16	000138-86-3	87
3	Limonene	136	C10H16	000138-86-3	81
4	Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	81
5	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	45





Library Search Compound Report

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Operator : JU/CG
Sample : L3388-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

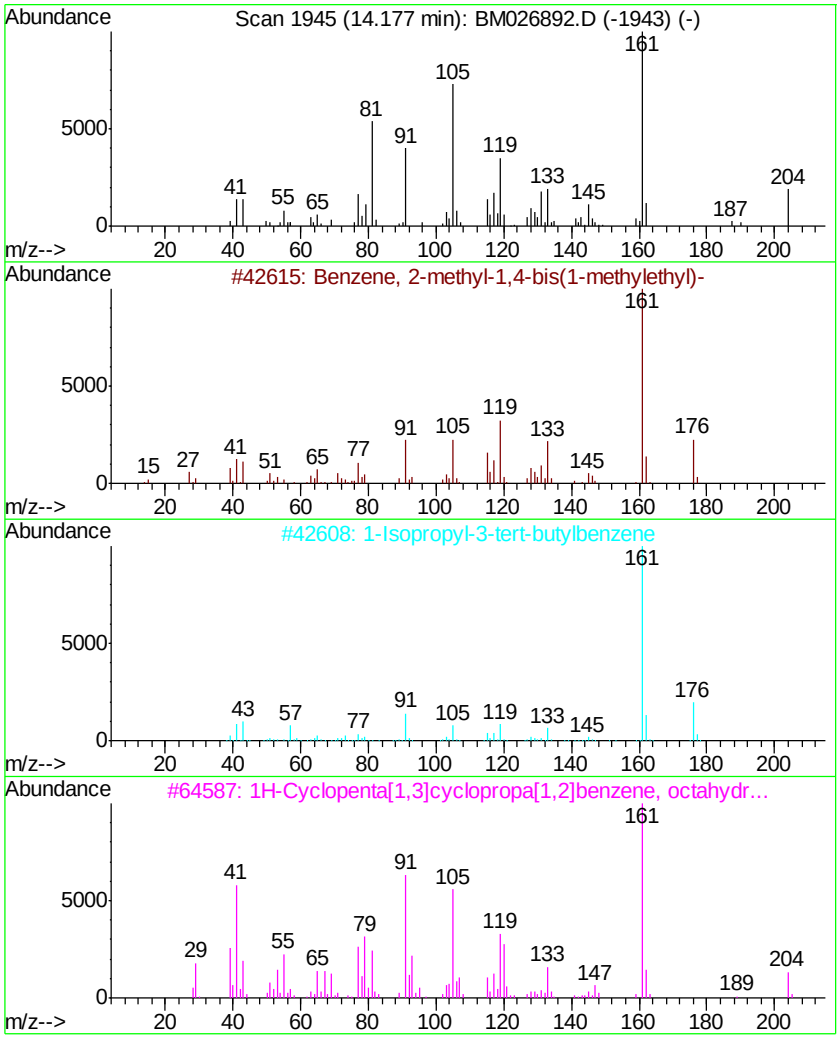
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

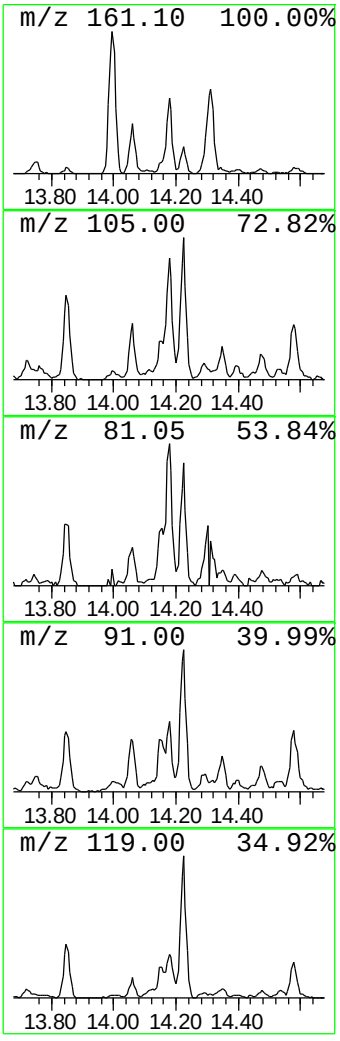
****

Peak Number 11 Benzene, 2-methyl-1,4-bis(1... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	3.92 ng/ul	157475	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-methyl-1,4-bis(1-meth...	176	C13H20	058502-85-5	80
2	1-Isopropyl-3-tert-butylbenzene	176	C13H20	020033-12-9	72
3	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	64
4	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	53
5	cis-muurola-4(14),5-diene	204	C15H24	1000365-95-5	53





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Sample : L3388-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

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Quant Title : SVOA CALIBRATION

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

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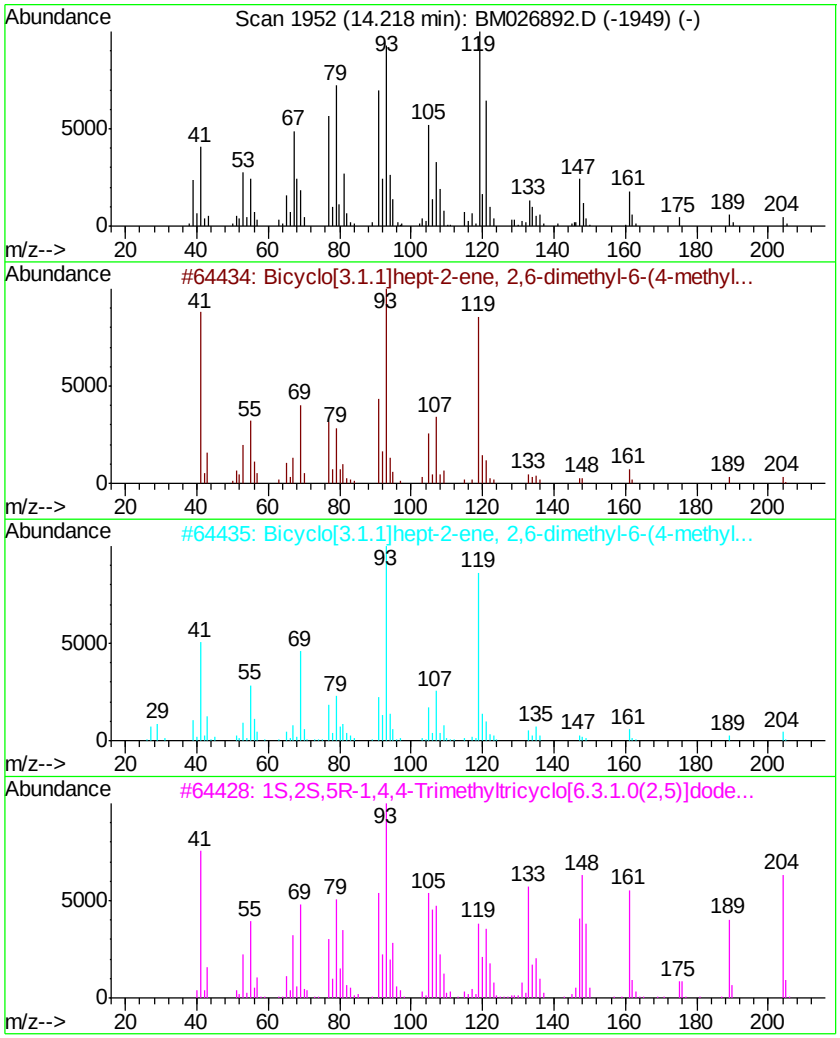
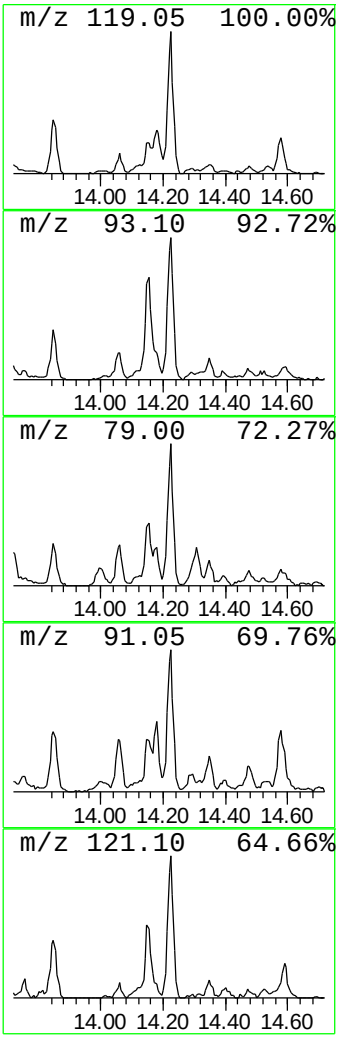
Peak Number 12 Bicyclo[3.1.1]hept-2-ene, 2... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	8.89 ng/ul	357444	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	52
2	Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	49
3	1S,2S,5R-1,4,4-Trimethyltricyclo...	204	C15H24	1000140-07-5	43
4	1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	001461-03-6	38
5	4,7,10,13,16,19-Docosahexaenoic ...	342	C23H34O2	002566-90-7	35





Library Search Compound Report

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Sample : L3388-03
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Quant Title : SVOA CALIBRATION

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

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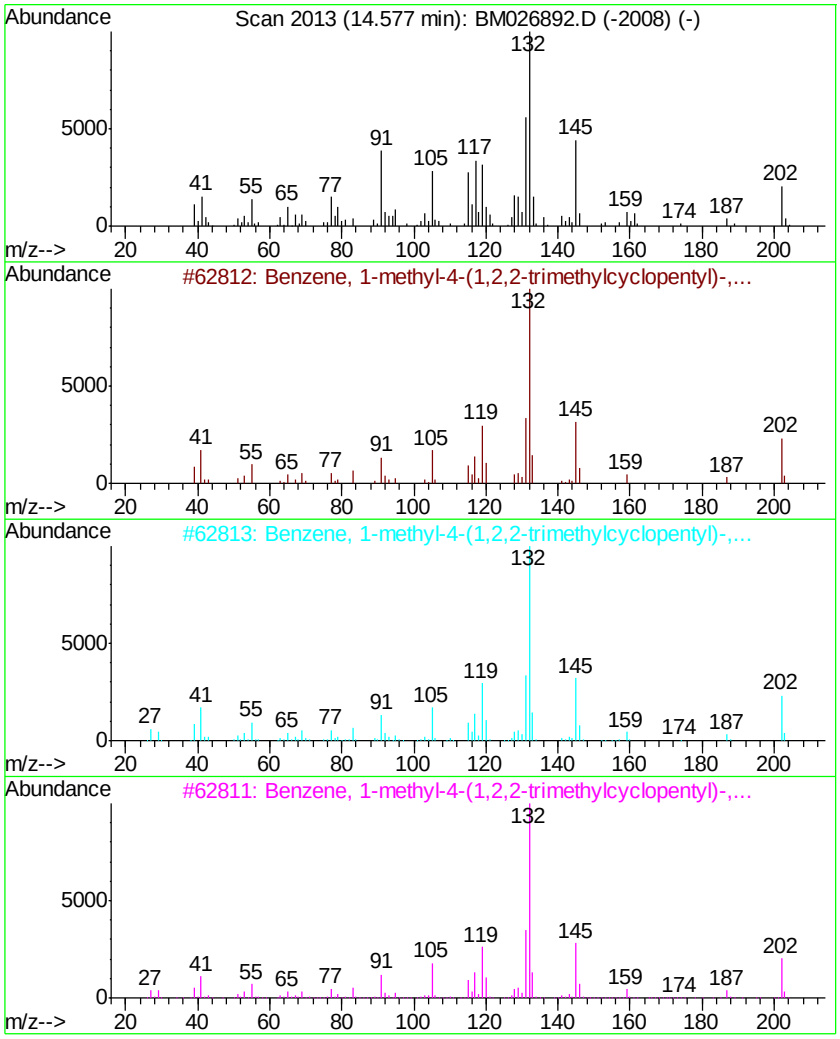
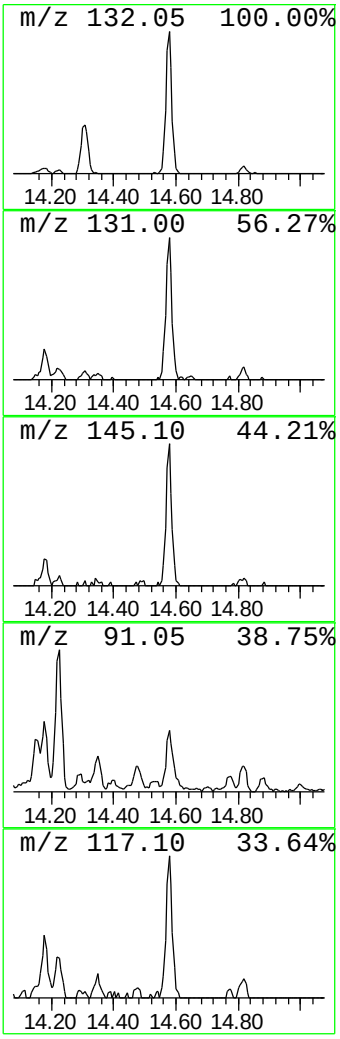
Peak Number 13 Benzene, 1-methyl-4-(1,2,2-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	5.24 ng/ul	210793	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1,2,2-trime...	202	C15H22	016982-00-6	76
2	Benzene, 1-methyl-4-(1,2,2-trime...	202	C15H22	016982-00-6	76
3	Benzene, 1-methyl-4-(1,2,2-trime...	202	C15H22	016982-00-6	76
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	43
5	5-Aminoindole	132	C8H8N2	005192-03-0	43





Library Search Compound Report

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Operator : JU/CG
Sample : L3388-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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

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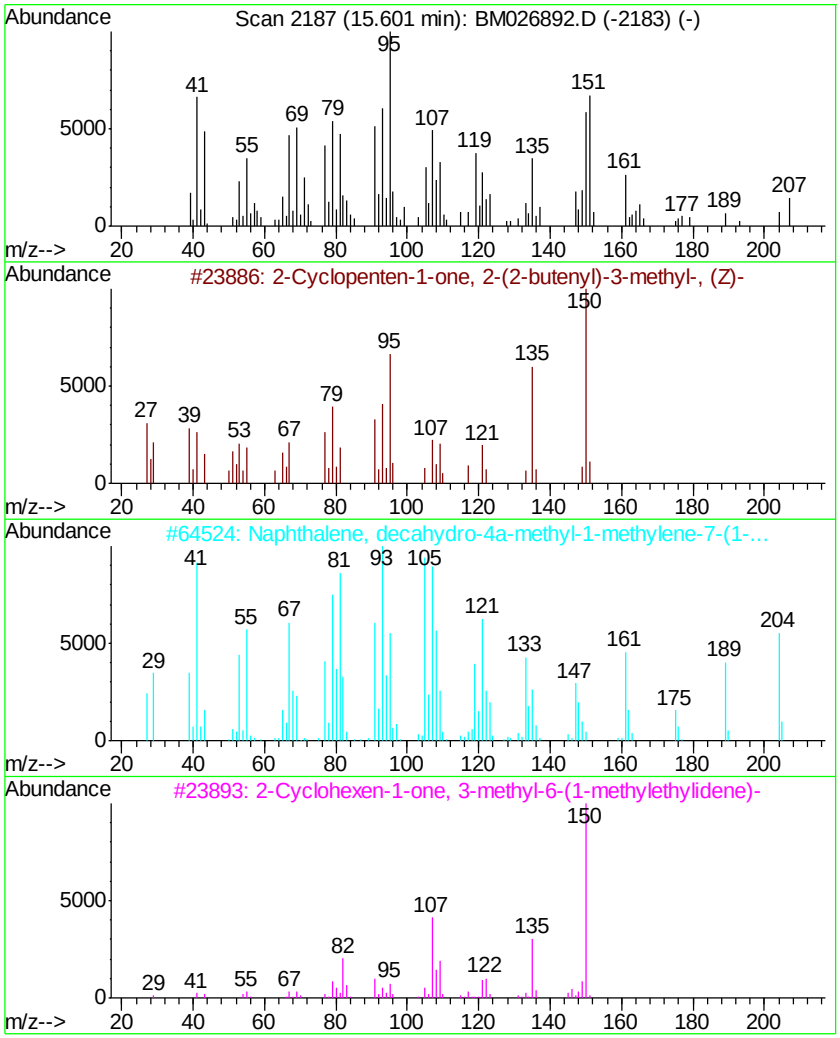
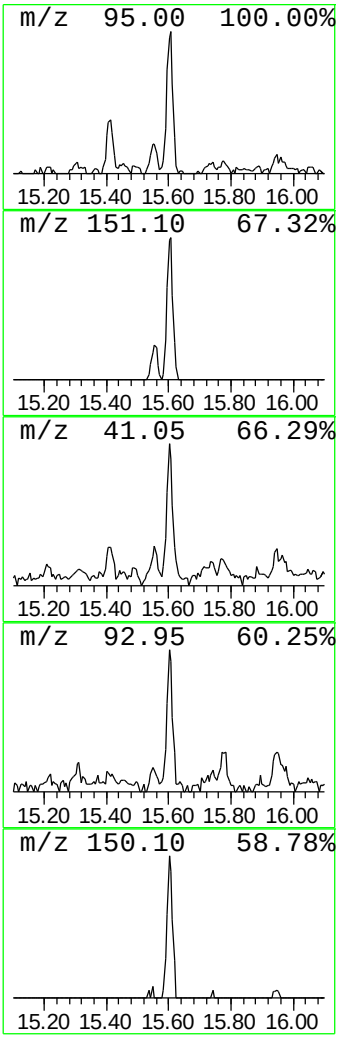
Peak Number 14 2-Cyclopenten-1-one, 2-(2-b... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	3.52 ng/ul	141429	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2-(2-butenyl...	150	C10H14O	017190-71-5	53
2	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	43
3	2-Cyclohexen-1-one, 3-methyl-6-(...	150	C10H14O	000491-09-8	42
4	1,4-Methano-1H-indene, octahydro...	204	C15H24	087064-18-4	41
5	9-Borabicyclo[3.3.1]nonane, 9-et...	150	C10H19B	052102-17-7	38





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Sample : L3388-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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

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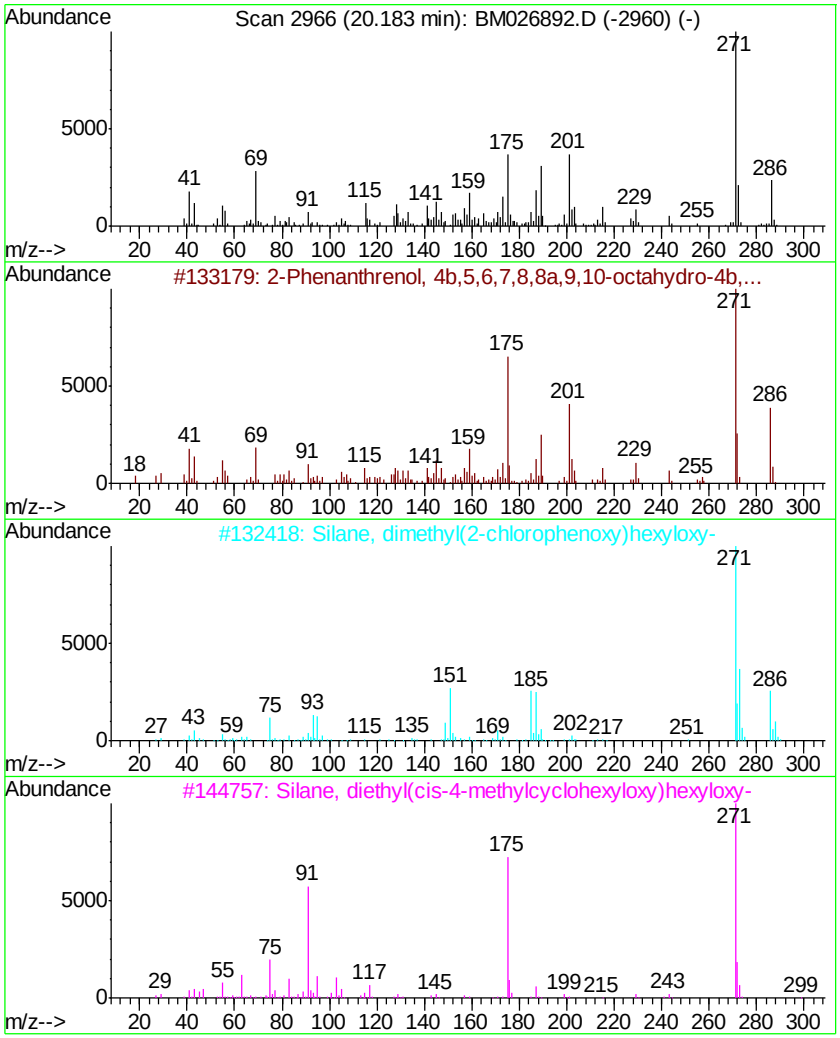
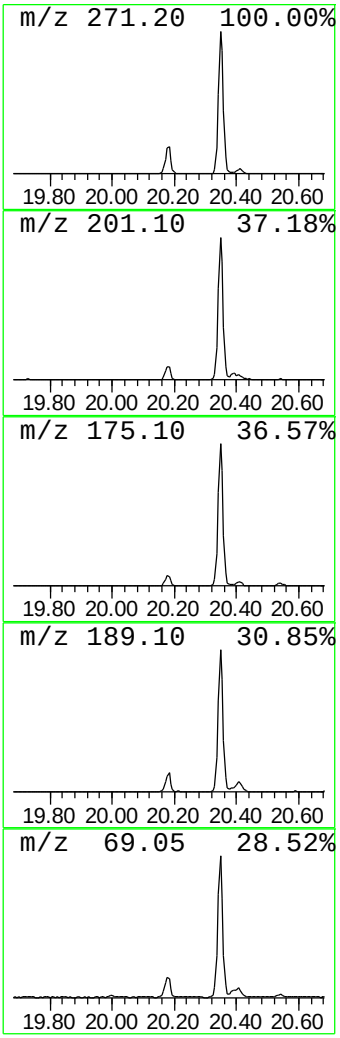
Peak Number 15 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.18	5.34 ng/ul	266060	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	62
2	Silane, dimethyl(2-chlorophenoxy...	286	C14H23ClO2Si	1000347-07-3	49
3	Silane, diethyl(cis-4-methylcycl...	300	C17H36O2Si	1000363-55-2	43
4	Oxazole, 2-(1-naphthalenyl)-5-ph...	271	C19H13NO	000846-63-9	38
5	Crinan-3-ol,1,2-didehydro-(3.beta.-	271	C16H17NO3	000546-05-4	38





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Data File : BM026892.D
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Sample : L3388-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

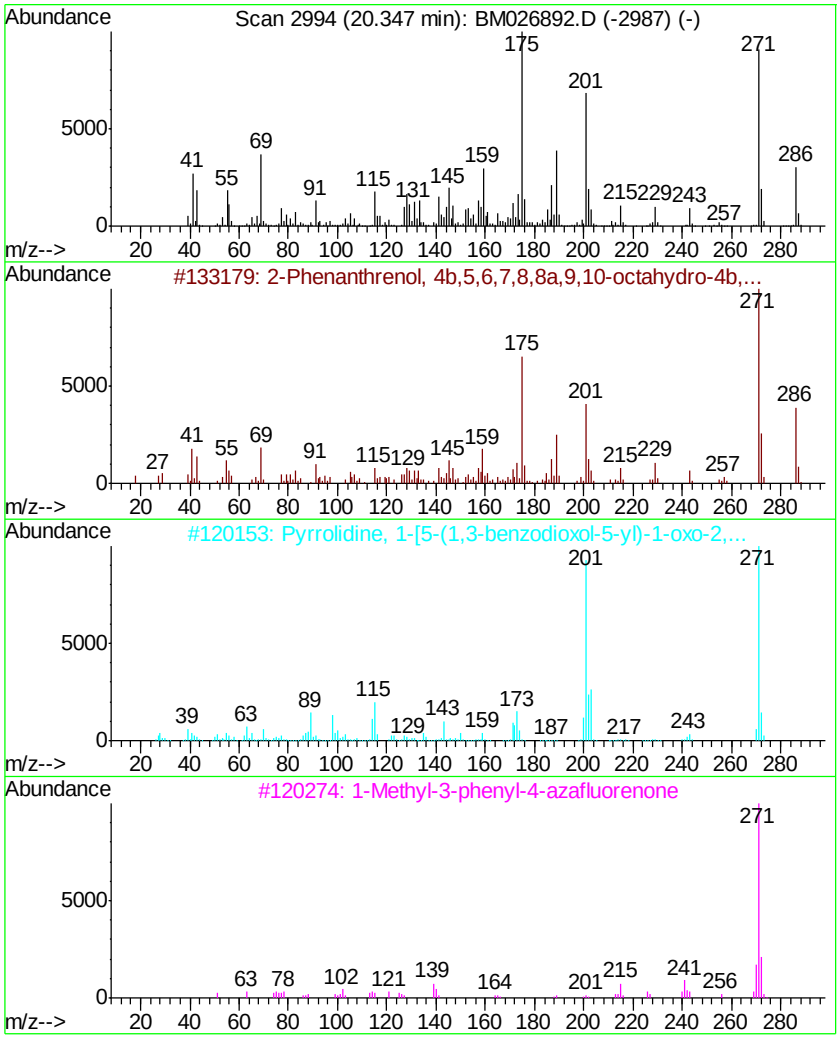
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

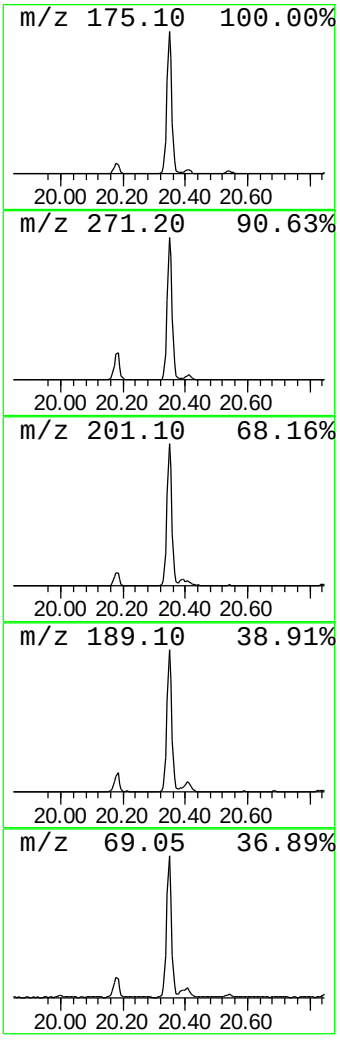
****

Peak Number 16 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.35	38.76 ng/ul	1929680	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	94
2	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	30
3	1-Methyl-3-phenyl-4-azafluorenone	271	C19H13NO	069751-55-9	14
4	2-Naphthalenol, 1,2,3,4-tetrahyd...	236	C14H20O3	1000197-44-7	14
5	2-Nonylquinolin-4-ol, 1-oxide	287	C18H25NO2	000316-66-5	14





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Misc :
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ClientSampleId : C0AD1

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Quant Title : SVOA CALIBRATION

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

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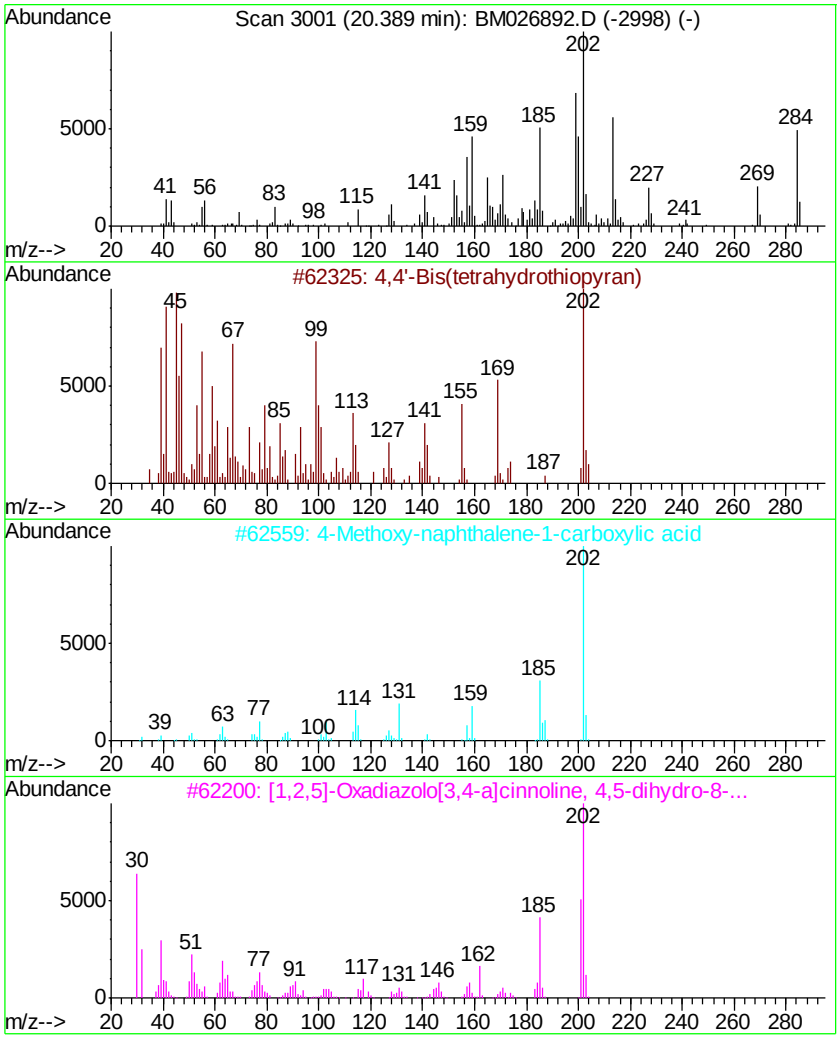
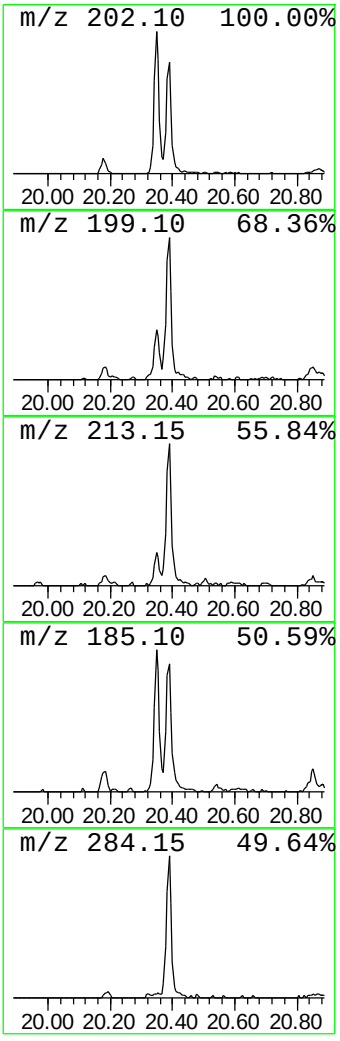
Peak Number 17 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	8.70 ng/ul	433323	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	90
2	4-Methoxy-naphthalene-1-carboxyl...	202	C12H10O3	1000317-85-4	22
3	[1,2,5]-Oxadiazolo[3,4-a]cinnoli...	202	C10H10N4O	1000260-59-4	18
4	Fluoren-9-one, 9a-hydroxy-1,2,3,...	202	C13H14O2	1000160-37-9	15
5	n-Heptanoic acid,methyl(tetramet...	228	C12H24O2Si	1000217-03-6	15





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ClientSampleId : C0AD1

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Quant Title : SVOA CALIBRATION

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

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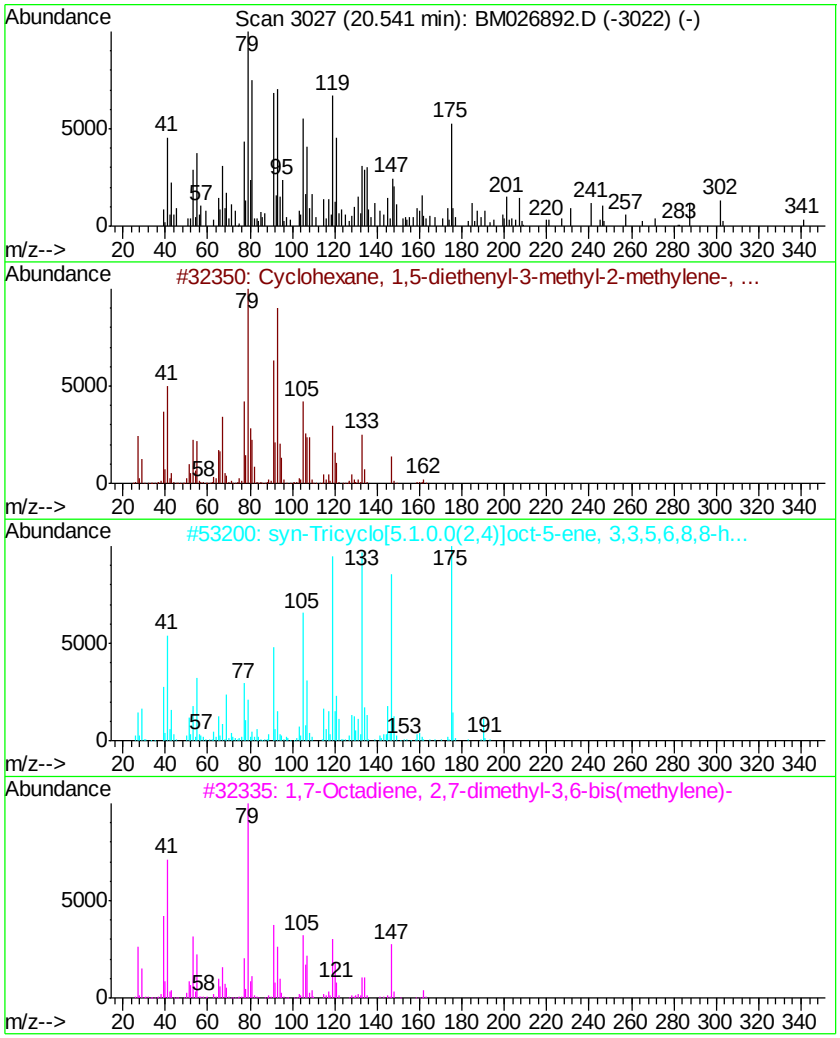
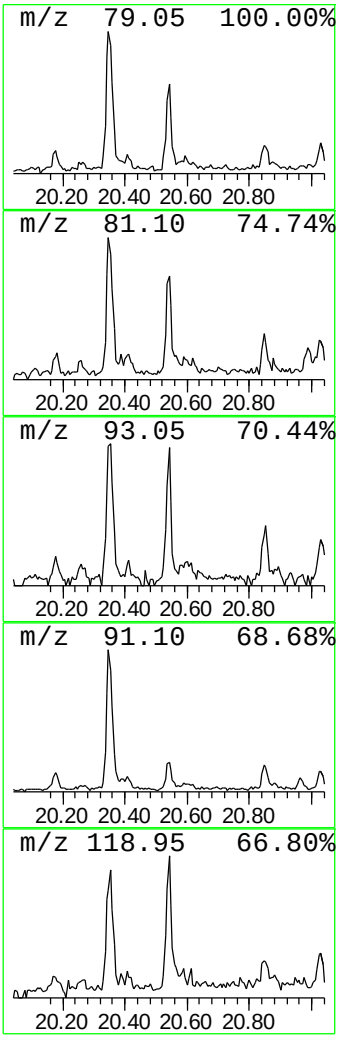
Peak Number 18 Cyclohexane, 1,5-diethenyl-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.54	2.54 ng/ul	126323	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,5-diethenyl-3-met...	162	C12H18	074742-35-1	52
2	syn-Tricyclo[5.1.0.0(2,4)]oct-5-...	190	C14H22	1000161-99-5	30
3	1,7-Octadiene, 2,7-dimethyl-3,6-...	162	C12H18	016714-60-6	27
4	6-(1'-Oxo-2'-propenyl)-1,3-cis,c...	162	C11H14O	138146-05-1	25
5	Cyclopentane, 1-methylene-3-(1-m...	122	C9H14	073913-74-3	25





Library Search Compound Report

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ClientSampleId : C0AD1

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Quant Title : SVOA CALIBRATION

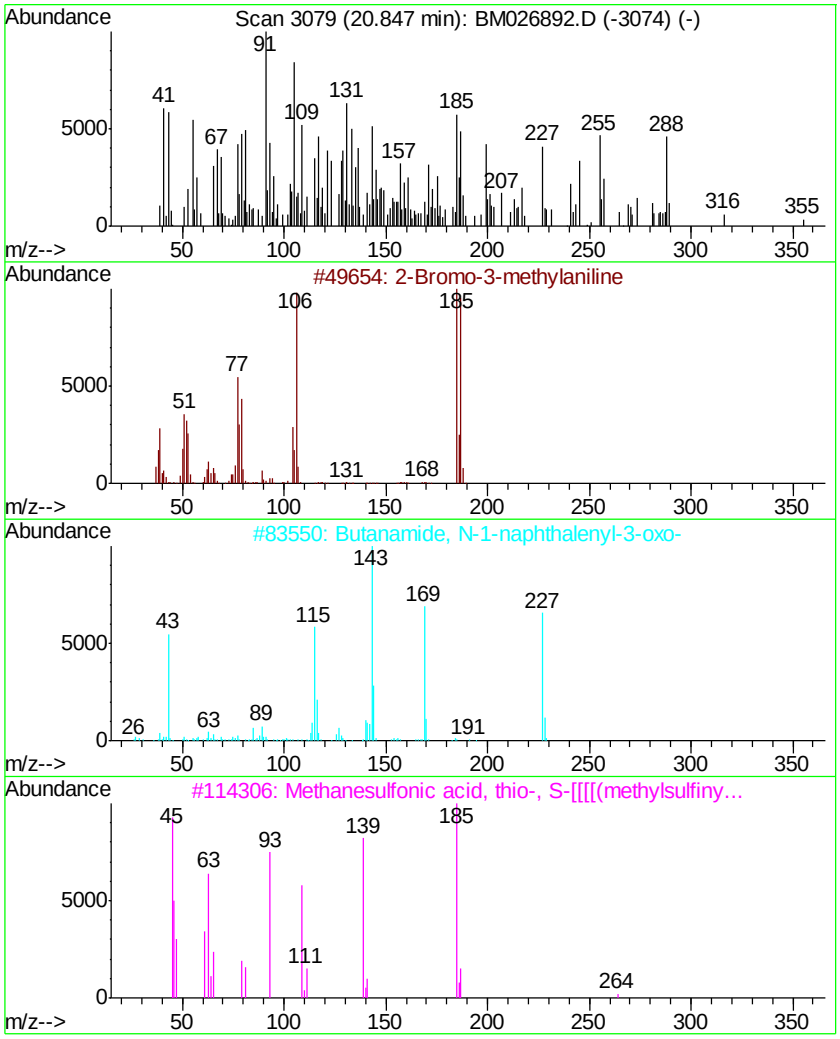
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

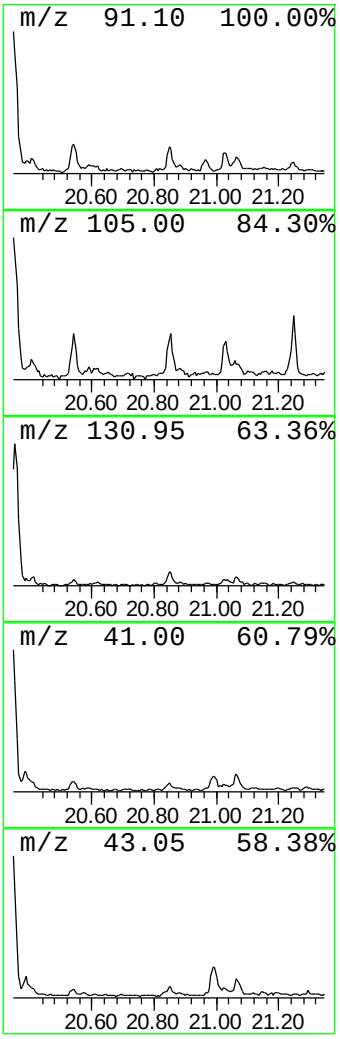
****

Peak Number 19 unknown-03 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	2.72 ng/ul	135251	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo-3-methylaniline	185	C7H8BrN	1000289-33-5	15
2	Butanamide, N-1-naphthalenyl-3-oxo-	227	C14H13NO2	000086-83-9	15
3	Methanesulfonic acid, thio-, S-[...	264	C5H12O4S4	017135-23-8	15
4	2-(4-Fluoro-benzylsulfanyl)-5-me...	288	C15H13FN2OS	1000274-58-8	11
5	2-Benzylsulfanyl-5-chloro-4,6-di...	288	C15H13ClN2S	1000297-12-8	11





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ClientSampleId : C0AD1

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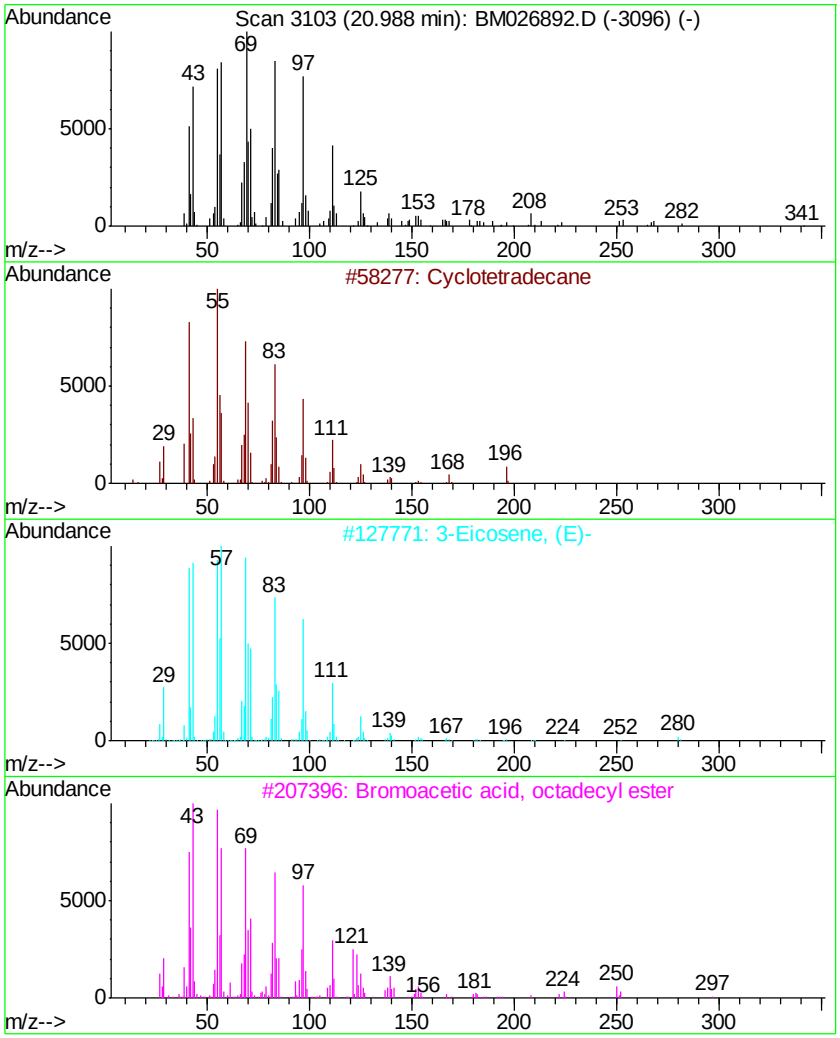
Quant Title : SVOA CALIBRATION

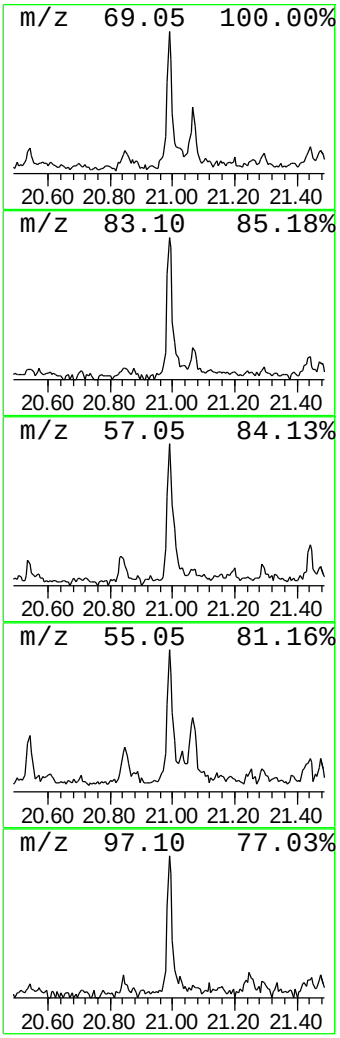
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic20.99 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.81 ng/ul	139944	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	76





Library Search Compound Report

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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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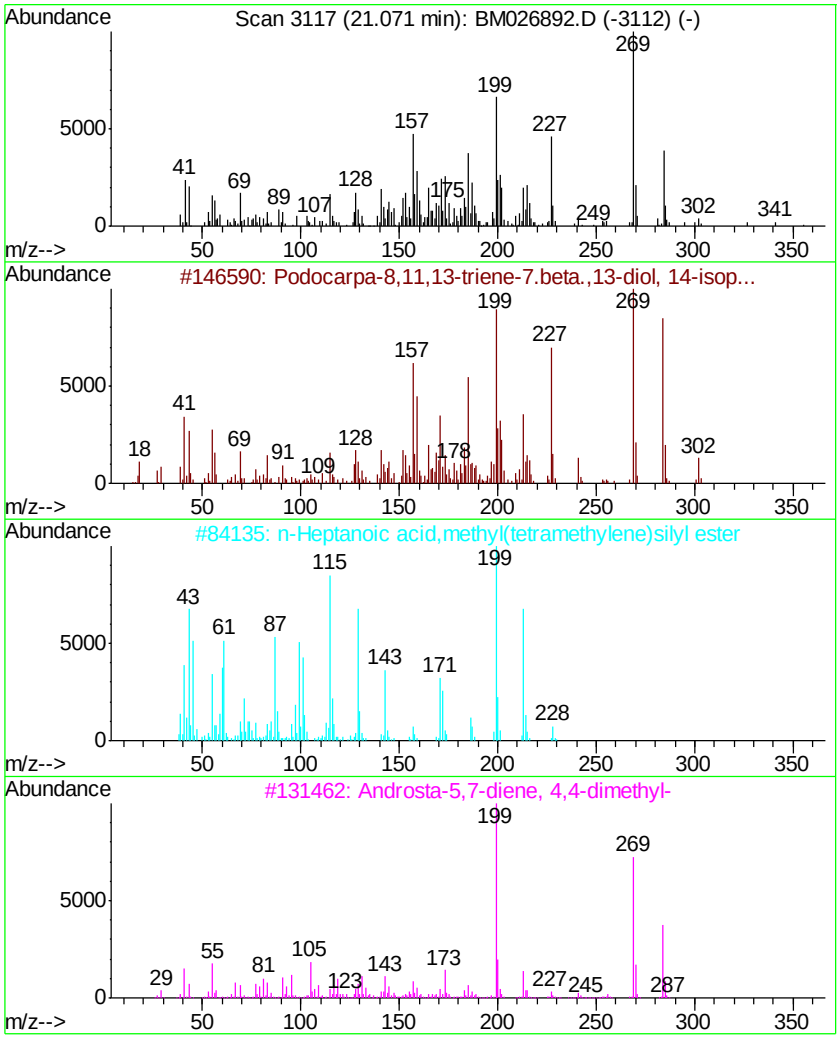
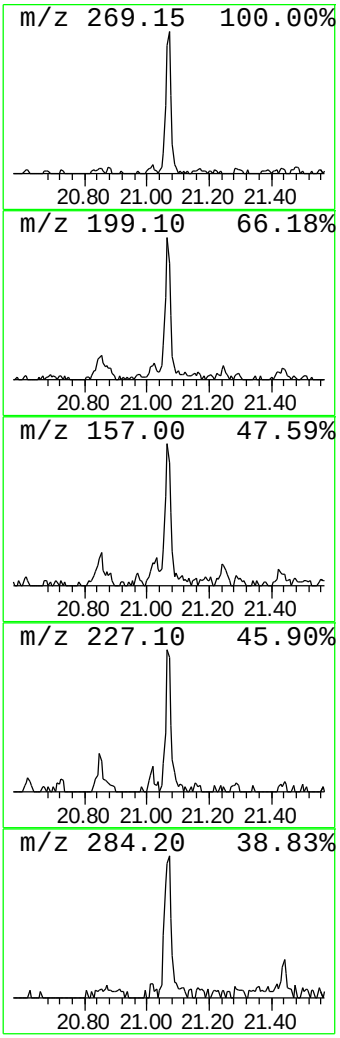
Peak Number 21 Podocarpa-8,11,13-triene-7.... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	4.53 ng/ul	225313	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Podocarpa-8,11,13-triene-7.beta....	302	C20H30O2	024338-19-0	87
2	n-Heptanoic acid,methyl(tetramet...	228	C12H24O2Si	1000217-03-6	59
3	Androsta-5,7-diene, 4,4-dimethyl-	284	C21H32	1000194-15-2	43
4	2-(3-Cyanopropyl)dimethylsilyloxy...	269	C16H19NOSi	1000307-93-5	25
5	4-Chloro-1-tripropylsilyloxybenzene	284	C15H25ClOSi	1000307-84-1	22





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C0AD1

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Quant Title : SVOA CALIBRATION

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

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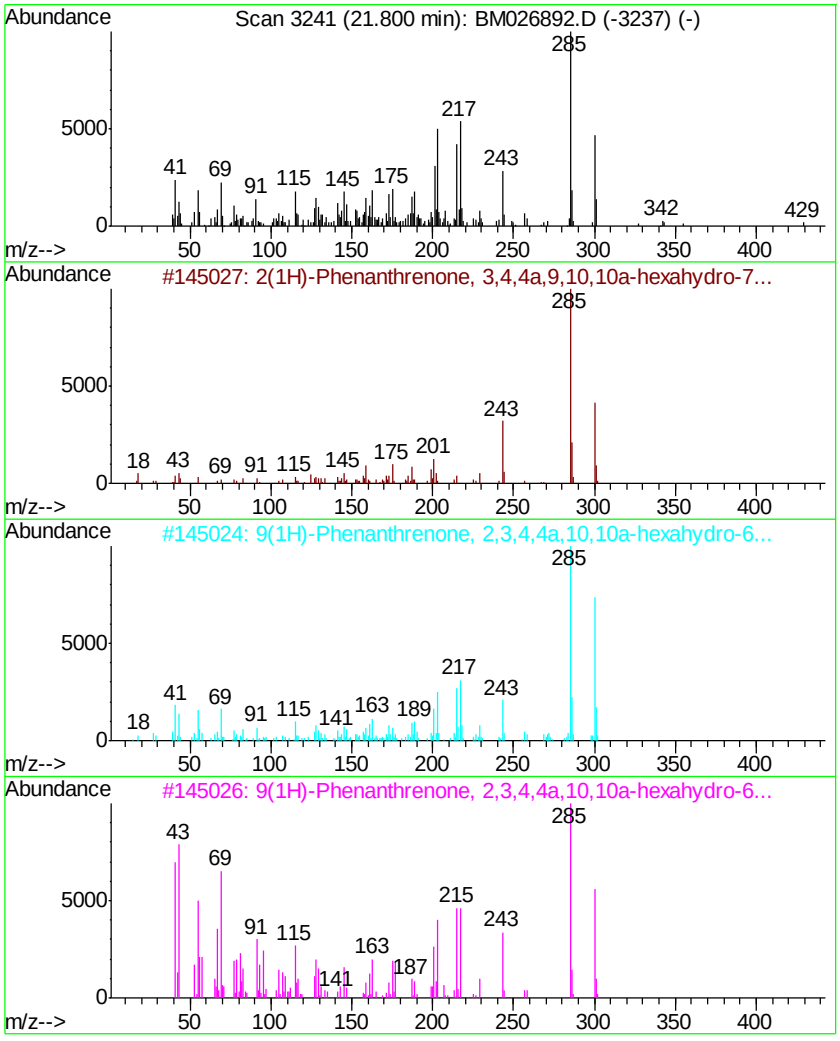
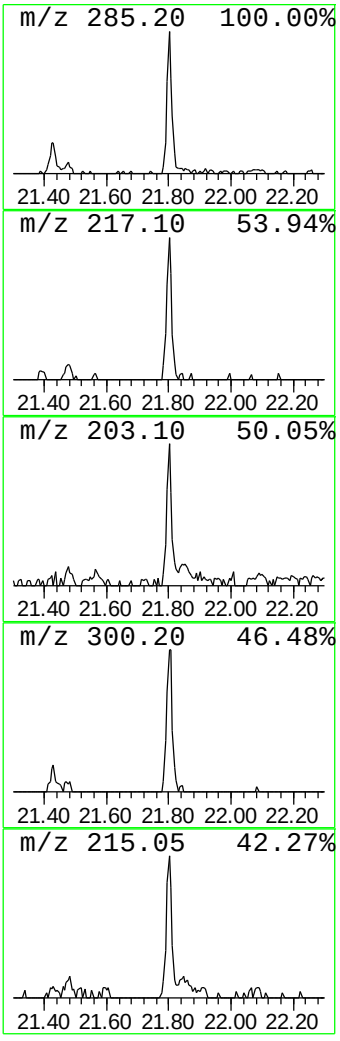
Peak Number 22 2(1H)-Phenanthrenone, 3,4,4... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	2.64 ng/ul	131664	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Phenanthrenone, 3,4,4a,9,1...	300	C20H28O2	006755-93-7	95
2	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	93
3	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	93
4	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	015340-83-7	50
5	2(1H)-Phenanthrenone, 3,4,4a,9,1...	300	C20H28O2	006755-93-7	49





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Misc :
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Instrument : BNA_M
ClientSampleId : C0AD1

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Quant Title : SVOA CALIBRATION

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

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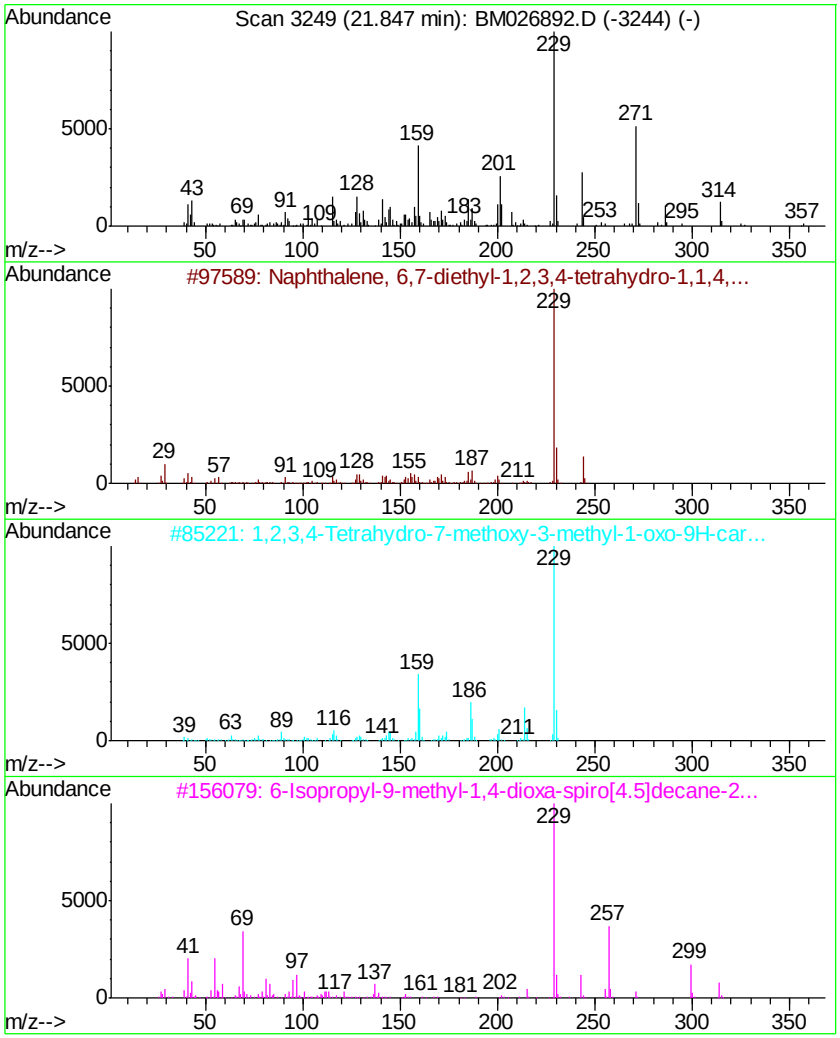
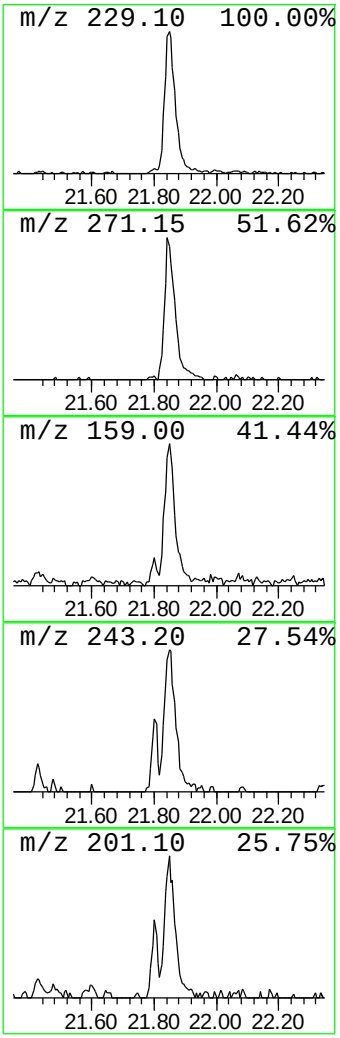
Peak Number 23 Naphthalene, 6,7-diethyl-1,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.85	5.98 ng/ul	297769	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 6,7-diethyl-1,2,3,4...	244	C18H28	055741-10-1	51
2	1,2,3,4-Tetrahydro-7-methoxy-3-m...	229	C14H15NO2	032550-51-9	46
3	6-Isopropyl-9-methyl-1,4-dioxa-s...	314	C16H26O6	114026-68-5	35
4	Silane, diethyl(4-chlorophenoxy)...	258	C12H19ClO2Si	1000363-81-3	35
5	6-Hydroxy-2,2,4,4-tetramethyl-1,...	244	C15H20N2O	138510-19-7	27





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Quant Title : SVOA CALIBRATION

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

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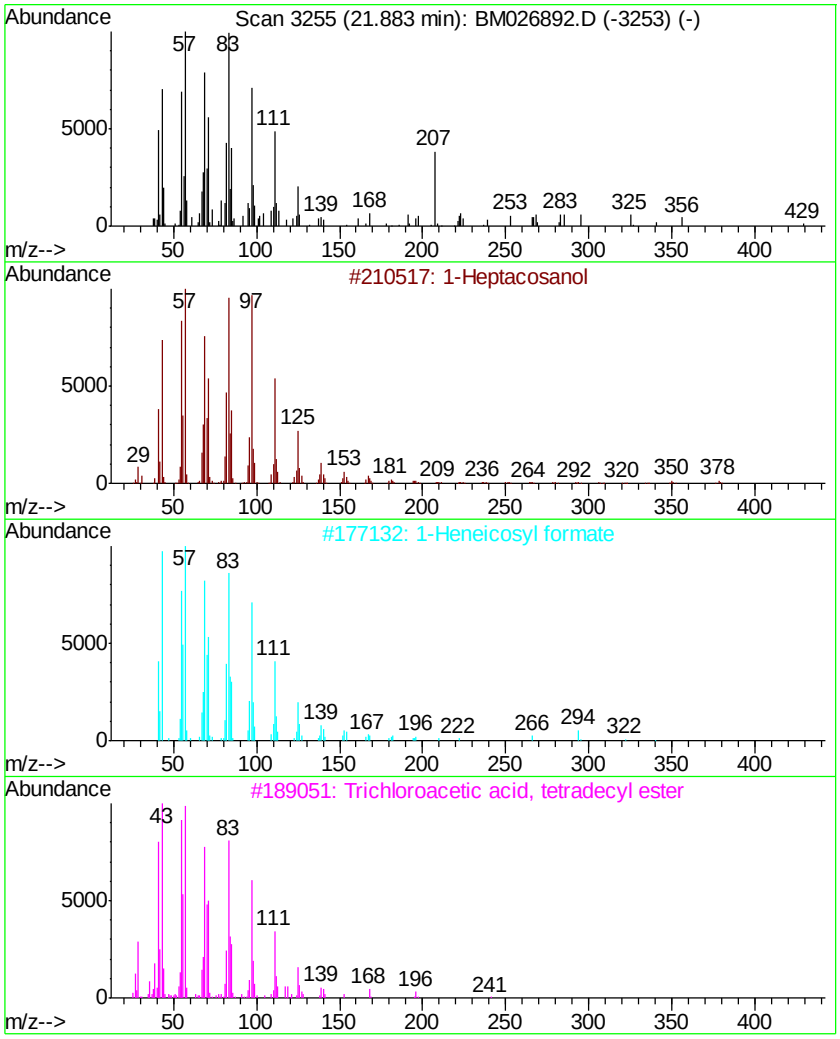
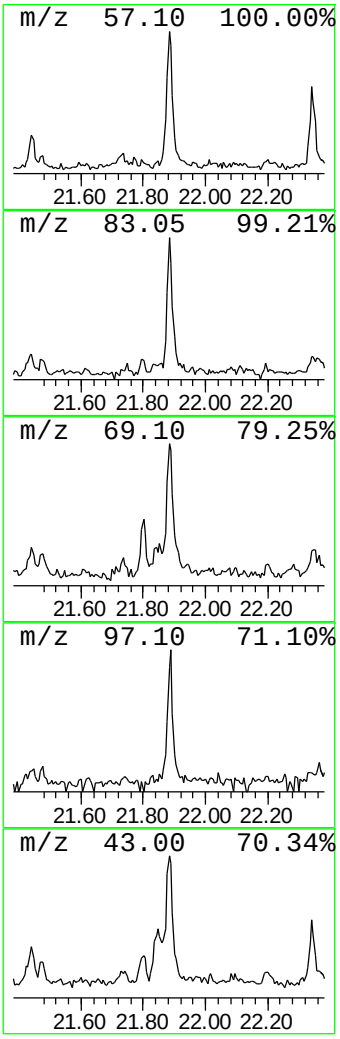
Peak Number 24 1-Heptacosanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	2.91 ng/ul	145103	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87
4	Cyclohexadecane	224	C16H32	000295-65-8	74
5	Octacosanol	410	C28H58O	000557-61-9	62





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Quant Title : SVOA CALIBRATION

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

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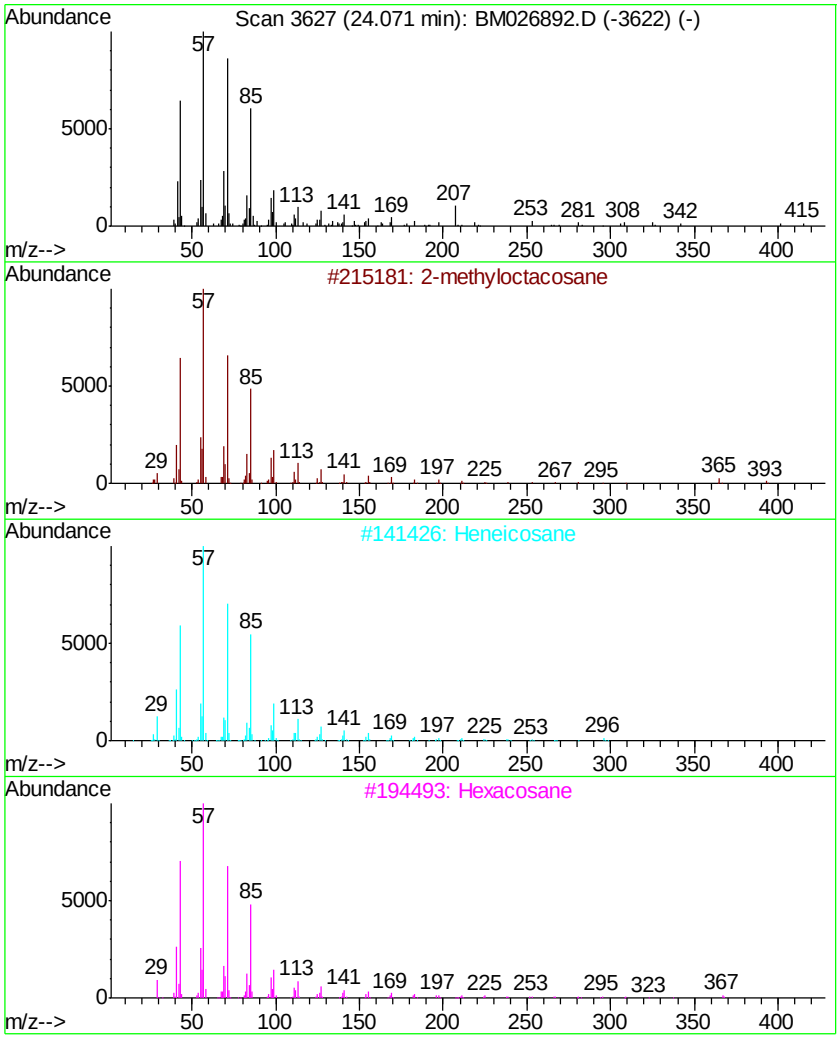
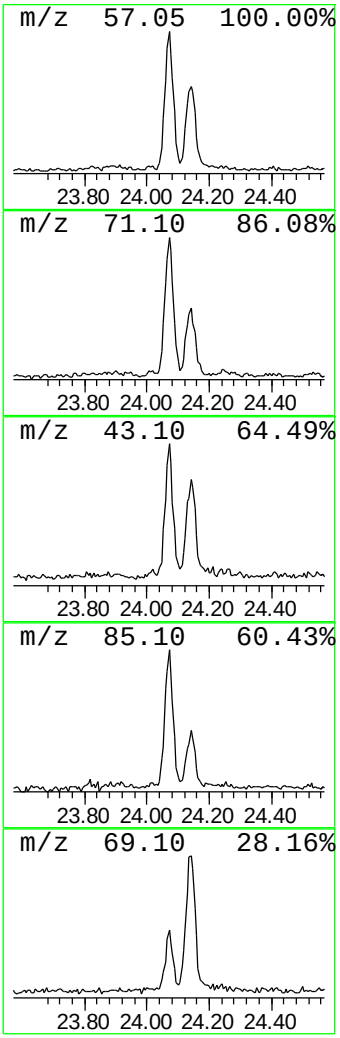
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	2.56 ng/ul	138178	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86





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ClientSampleId : C0AD1

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Quant Title : SVOA CALIBRATION

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

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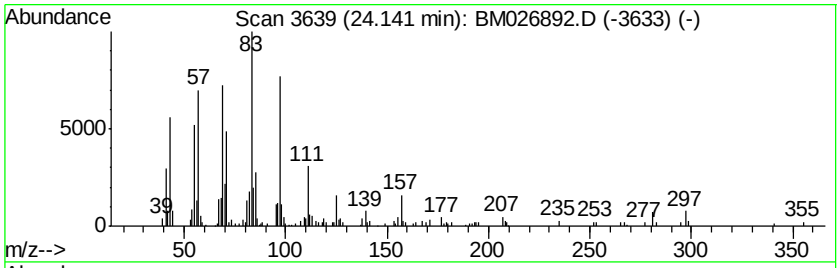
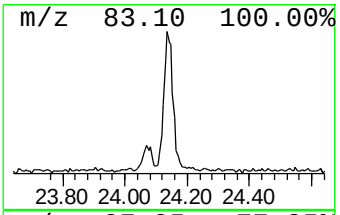
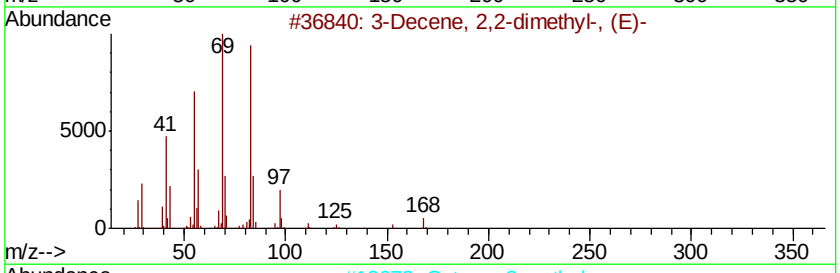
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 17

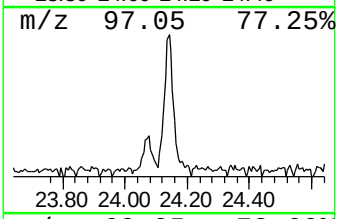
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	3.73 ng/ul	201624	Perylene-d12	23.46

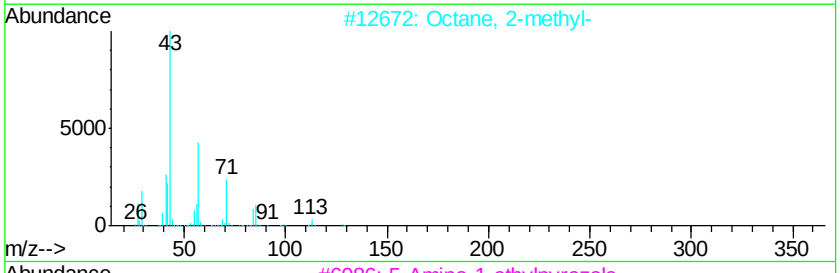
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Decene, 2,2-dimethyl-, (E)-	168	C12H24	055499-02-0	27
2	Octane, 2-methyl-	128	C9H20	003221-61-2	25
3	5-Amino-1-ethylpyrazole	111	C5H9N3	003528-58-3	25
4	Octacosyl acetate	452	C30H60O2	018206-97-8	22
5	17-Pentatriacontene	491	C35H70	006971-40-0	18

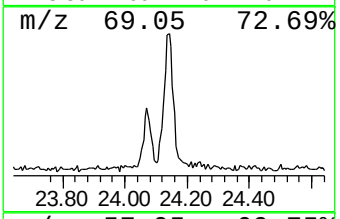


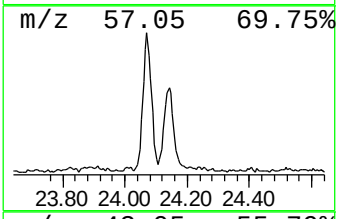


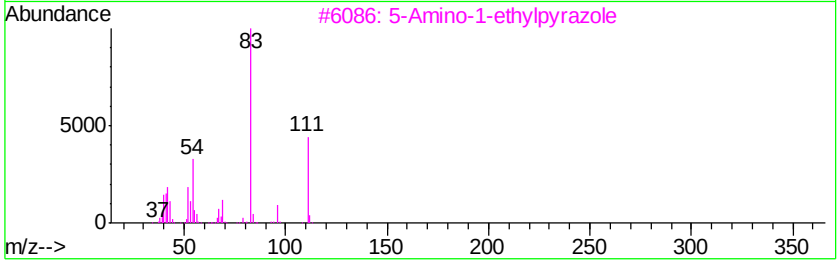


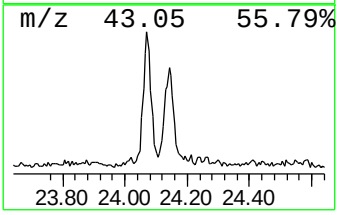












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026892.D
Acq On : 28 Jul 2020 15:53
Operator : JU/CG
Sample : L3388-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

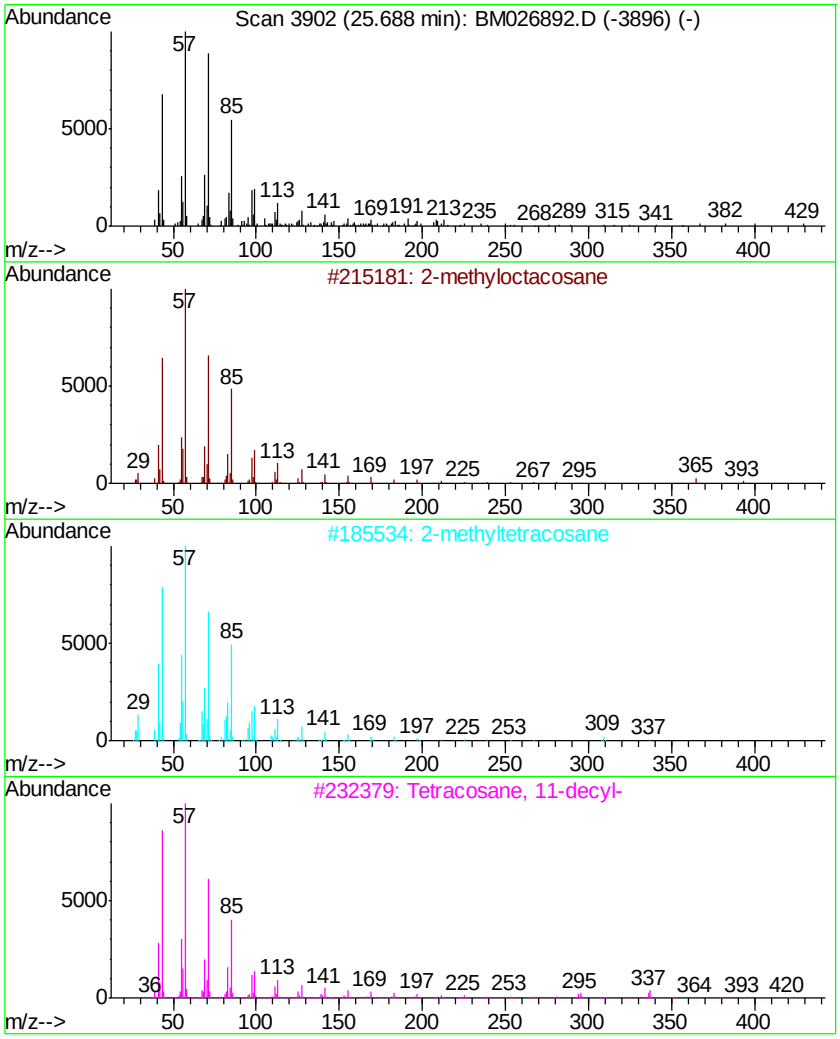
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

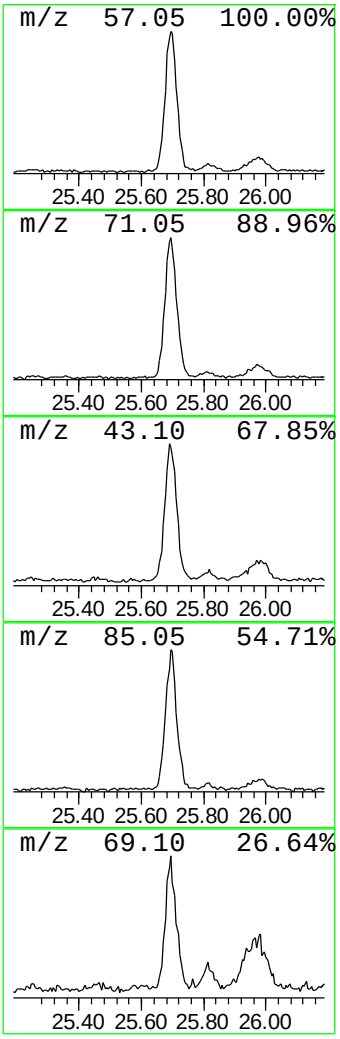
****

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.69	7.21 ng/ul	389718	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	2-methyltetracosane	352	C25H52	1000376-72-6	90
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
4	Octacosane	394	C28H58	000630-02-4	83
5	Tetratetracontane	619	C44H90	007098-22-8	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026892.D
Acq On : 28 Jul 2020 15:53
Operator : JU/CG
Sample : L3388-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

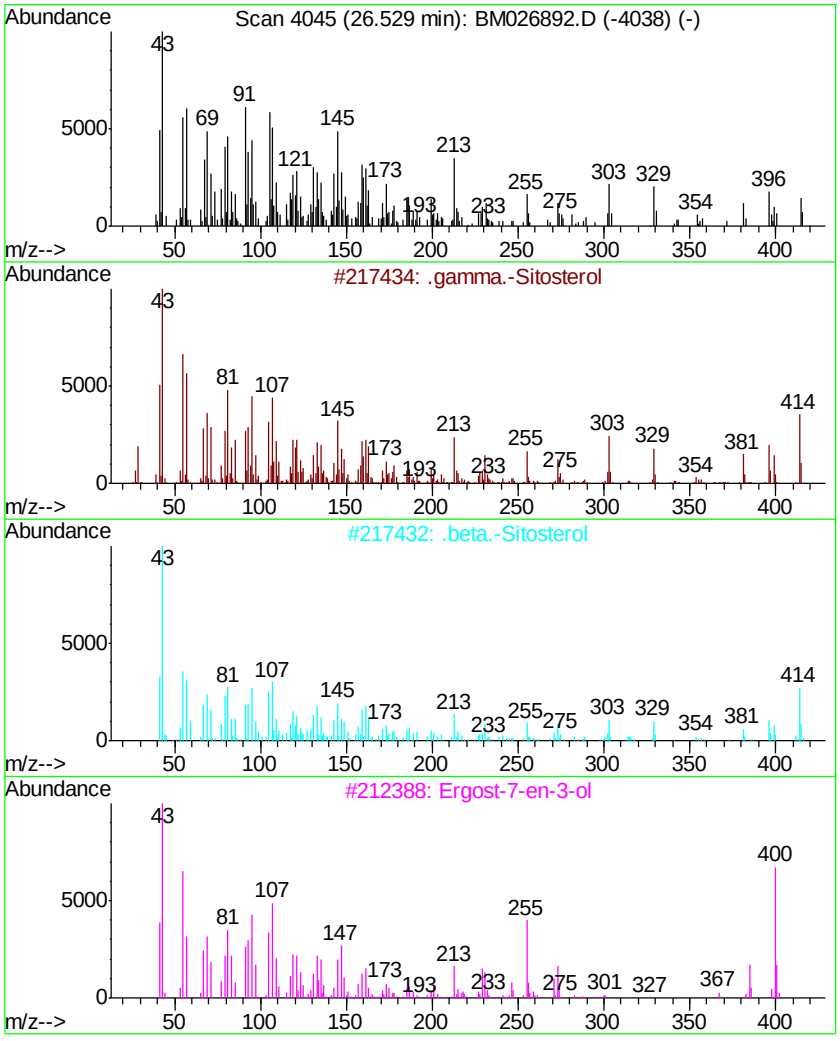
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

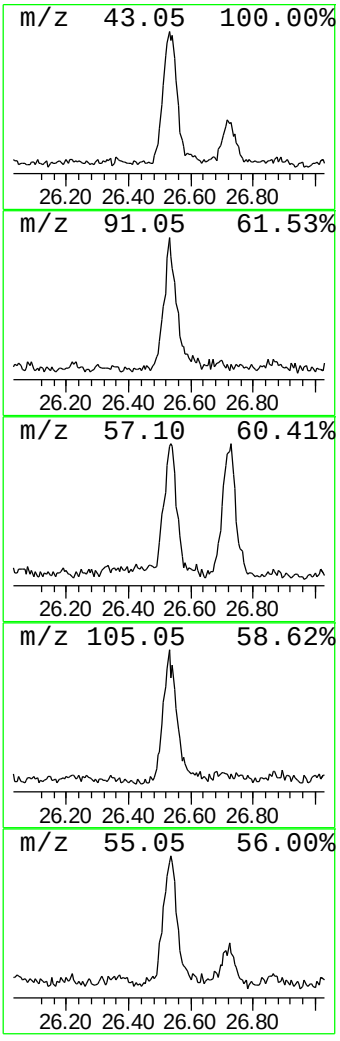
****

Peak Number 28 .gamma.-Sitosterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.53	8.36 ng/ul	451888	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	97
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	94
3	Ergost-7-en-3-ol	400	C28H48O	116179-22-7	60
4	.beta.-Sitosterol	414	C29H50O	000083-46-5	58
5	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072820\
Data File : BM026892.D
Acq On : 28 Jul 2020 15:53
Operator : JU/CG
Sample : L3388-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.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
Butane, 2-methoxy...	2.98	103.6	ng/ul	2406610	1	7.67	464539	20.0
1H-Cyclopropa[a]n...	13.12	2.8	ng/ul	112420	3	14.31	804102	20.0
Longifolene-(V4)	13.34	2.0	ng/ul	81929	3	14.31	804102	20.0
.beta.-curcumene	13.51	2.7	ng/ul	110286	3	14.31	804102	20.0
Longifolene	13.59	18.9	ng/ul	760216	3	14.31	804102	20.0
unknown-01	13.65	3.8	ng/ul	152651	3	14.31	804102	20.0
cis-Thujopsene	13.85	4.9	ng/ul	197687	3	14.31	804102	20.0
Tetracyclo[6.1.0....	14.06	2.7	ng/ul	107829	3	14.31	804102	20.0
1,5-Cyclooctadien...	14.15	5.6	ng/ul	225204	3	14.31	804102	20.0
Benzene, 2-methyl...	14.18	3.9	ng/ul	157475	3	14.31	804102	20.0
Bicyclo[3.1.1]hep...	14.22	8.9	ng/ul	357444	3	14.31	804102	20.0
Benzene, 1-methyl...	14.58	5.2	ng/ul	210793	3	14.31	804102	20.0
2-Cyclopenten-1-o...	15.60	3.5	ng/ul	141429	3	14.31	804102	20.0
2-Phenanthrenol, ...	20.18	5.3	ng/ul	266060	5	21.25	995690	20.0
unknown-02	20.35	38.8	ng/ul	1929680	5	21.25	995690	20.0
4,4'-Bis(tetrahyd...	20.39	8.7	ng/ul	433323	5	21.25	995690	20.0
Cyclohexane, 1,5-...	20.54	2.5	ng/ul	126323	5	21.25	995690	20.0
unknown-03	20.85	2.7	ng/ul	135251	5	21.25	995690	20.0
(DEL) Alkane: Cyc...	20.99	2.8	ng/ul	139944	5	21.25	995690	20.0
Podocarpa-8,11,13...	21.07	4.5	ng/ul	225313	5	21.25	995690	20.0
2(1H)-Phenanthren...	21.80	2.6	ng/ul	131664	5	21.25	995690	20.0
Naphthalene, 6,7-...	21.85	6.0	ng/ul	297769	5	21.25	995690	20.0
1-Heptacosanol	21.88	2.9	ng/ul	145103	5	21.25	995690	20.0
(DEL) Alkane: Str...	24.07	2.6	ng/ul	138178	6	23.46	1080930	20.0
(DEL) Alkane: Str...	24.14	3.7	ng/ul	201624	6	23.46	1080930	20.0
(DEL) Alkane: Str...	25.69	7.2	ng/ul	389718	6	23.46	1080930	20.0
.gamma.-Sitosterol	26.53	8.4	ng/ul	451888	6	23.46	1080930	20.0