LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030115.D
Acq On : 21 May 2021 16:14
Operator : CG/JU
Sample : M2402-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X3435

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\SFAM-EPA-BM050721.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	3.034	22	25	26	rBV	28649	28913	0.60%	0.032%
2	3.057	26	29	47	rVB	159767	233182	4.85%	0.254%
3	3.451	94	96	124	rBV2	195935	625482	13.01%	0.682%
4	4.063	196	200	226	rBV	3453325	4807215	100.00%	5.239%
5	4.663	298	302	326	rVB	748352	1116674	23.23%	1.217%
6	5.275	401	406	411	rBV	17435	26800	0.56%	0.029%
7	5.481	438	441	444	rBV4	3796	4919	0.10%	0.005%
8	5.740	481	485	493	rBV2	13218	26470	0.55%	0.029%
9	6.669	637	643	645	rBV	578248	863737	17.97%	0.941%
10	6.698	645	648	650	rVV	599262	927435	19.29%	1.011%
11	6.722	650	652	670	rVV	770768	1328645	27.64%	1.448%
12	6.863	670	676	697	rVV	325739	625683	13.02%	0.682%
13	7.045	701	707	710	rVV	531732	870253	18.10%	0.948%
14	7.075	710	712	738	rVB	474909	795968	16.56%	0.867%
15	7.510	779	786	797	rBV	350031	600637	12.49%	0.655%
16	8.228	903	908	919	rBV	484808	898297	18.69%	0.979%
17	8.322	919	924	936	rVB	499676	842731	17.53%	0.918%
18	8.669	976	983	986	rBV	428952	701174	14.59%	0.764%
19	8.710	986	990	1009	rVB	353922	700684	14.58%	0.764%
20	9.081	1048	1053	1058	rVB2	12640	20938	0.44%	0.023%
21	9.380	1097	1104	1107	rBV	366905	632965	13.17%	0.690%
22	9.410	1107	1109	1124	rVB	348109	607355	12.63%	0.662%
23	9.922	1189	1196	1197	rBV	548556	808465	16.82%	0.881%
24	10.280	1248	1257	1261	rBV	549356	914806	19.03%	0.997%
25	10.328	1261	1265	1278	rVV	580797	1028659	21.40%	1.121%
26	10.439	1278	1284	1307	rVV	376571	888582	18.48%	0.968%
27	10.610	1307	1313	1323	rVB	692081	1088999	22.65%	1.187%
28	11.586	1470	1479	1496	rBV	868362	1664272	34.62%	1.814%
29	11.839	1517	1522	1527	rBV	13457	25937	0.54%	0.028%
30	11.886	1527	1530	1537	rVB2	10171	18598	0.39%	0.020%
31	12.174	1570	1579	1593	rBV	968279	1545973	32.16%	1.685%
32	12.333	1599	1606	1617	rBV	620564	976886	20.32%	1.065%
33	12.410	1617	1619	1624	rVB5	4610	5078	0.11%	0.006%
34	12.586	1641	1649	1658	rBV	928979	1534674	31.92%	1.673%

LSC Area Percent Report

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Sample : M2402-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X3435

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\SFAM-EPA-BM050721.M
Title : SVOA CALIBRATION

35	12.663	1658	1662	1676	rVV2	59637	177040	3.68%	0.193%
36	12.757	1676	1678	1686	rVB7	5410	11577	0.24%	0.013%
37	12.986	1711	1717	1721	rBV	1218760	1887082	39.26%	2.057%
38	13.027	1721	1724	1728	rVV	661467	1010975	21.03%	1.102%
39	13.063	1728	1730	1752	rVB	243754	381757	7.94%	0.416%
40	13.586	1812	1819	1823	rBV	1022302	1428540	29.72%	1.557%
41	13.633	1823	1827	1835	rVV	858004	1174021	24.42%	1.280%
42	13.698	1835	1838	1842	rVV4	7896	11421	0.24%	0.012%
43	13.757	1842	1848	1858	rVV	567043	860680	17.90%	0.938%
44	13.851	1858	1864	1876	rVB	1191087	1751011	36.42%	1.908%
45	14.080	1896	1903	1908	rBV2	8985	13870	0.29%	0.015%
46	14.163	1910	1917	1922	rBV	816306	1204884	25.06%	1.313%
47	14.227	1922	1928	1941	rVB	1126746	1634476	34.00%	1.781%
48	14.410	1952	1959	1980	rBV3	451435	1323086	27.52%	1.442%
49	14.563	1980	1985	2000	rVB	771408	1200432	24.97%	1.308%
50	14.804	2020	2026	2037	rBV	665633	988519	20.56%	1.077%
51	14.974	2052	2055	2058	rBV3	5664	7550	0.16%	0.008%
52	15.033	2058	2065	2070	rVB3	13597	22363	0.47%	0.024%
53	15.162	2080	2087	2092	rBV	1474877	2072386	43.11%	2.259%
54	15.215	2092	2096	2106	rVB	718343	981981	20.43%	1.070%
55	15.310	2106	2112	2125	rBV3	1008642	1973939	41.06%	2.151%
56	15.845	2201	2203	2209	rVV6	4264	7270	0.15%	0.008%
57	15.898	2209	2212	2217	rVV7	5961	12107	0.25%	0.013%
58	15.951	2217	2221	2227	rVB8	6501	10979	0.23%	0.012%
59	16.068	2238	2241	2247	rBV7	4447	8502	0.18%	0.009%
60	16.151	2249	2255	2261	rBV	15333	20974	0.44%	0.023%
61	16.215	2261	2266	2277	rVV	767198	1079844	22.46%	1.177%
62	16.304	2277	2281	2285	rVB3	8765	12523	0.26%	0.014%
63	16.568	2320	2326	2344	rBV	819818	1250957	26.02%	1.363%
64	16.692	2344	2347	2352	rVV7	11207	23024	0.48%	0.025%
65	16.733	2352	2354	2360	rVB6	7830	9172	0.19%	0.010%
66	16.909	2378	2384	2388	rBV	923074	1337963	27.83%	1.458%
67	16.951	2388	2391	2396	rVV	1090192	1465770	30.49%	1.597%
68	17.009	2396	2401	2404	rVV2	1527826	2225271	46.29%	2.425%
69	17.045	2404	2407	2418	rVB	1207052	1686305	35.08%	1.838%
70	17.321	2446	2454	2462	rBV	826303	1296914	26.98%	1.413%
71	17.398	2462	2467	2486	rVV	831709	1330925	27.69%	1.451%

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Instrument : BNA_M
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Integration Parameters: LSCINT.P
Integrator: RTE
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Title : SVOA CALIBRATION

72	17.533	2486	2490	2495	rVV5	22449	37032	0.77%	0.040%
73	17.592	2495	2500	2505	rVB9	9141	18766	0.39%	0.020%
74	17.703	2514	2519	2523	rBV8	4778	10143	0.21%	0.011%
75	17.821	2534	2539	2544	rBV	124817	201256	4.19%	0.219%
76	17.892	2544	2551	2563	rVB	967434	1309939	27.25%	1.428%
77	18.115	2586	2589	2592	rVB5	6307	8404	0.17%	0.009%
78	18.362	2626	2631	2636	rBV8	8086	15831	0.33%	0.017%
79	18.686	2682	2686	2691	rBV8	5870	11232	0.23%	0.012%
80	18.756	2694	2698	2703	rBV5	12078	20111	0.42%	0.022%
81	18.974	2726	2735	2753	rBV	2664130	3615359	75.21%	3.940%
82	19.115	2755	2759	2767	rBV4	32858	58529	1.22%	0.064%
83	19.203	2770	2774	2775	rBV	13132	19128	0.40%	0.021%
84	19.309	2786	2792	2794	rBV	1839262	2382192	49.55%	2.596%
85	19.339	2794	2797	2809	rVB	1898790	2558048	53.21%	2.788%
86	20.250	2948	2952	2958	rBV	891119	1041003	21.66%	1.135%
87	20.827	3046	3050	3062	rBV	263802	458540	9.54%	0.500%
88	21.033	3080	3085	3089	rBV	1457007	1621441	33.73%	1.767%
89	21.086	3089	3094	3100	rVV2	2532302	4275654	88.94%	4.660%
90	21.139	3100	3103	3113	rVB	1668501	2146319	44.65%	2.339%
91	22.127	3268	3271	3276	rVB2	89117	107790	2.24%	0.117%
92	22.609	3347	3353	3365	rBV	1455703	2349169	48.87%	2.560%
93	23.109	3432	3438	3441	rBV	1203560	2059348	42.84%	2.244%
94	23.150	3441	3445	3455	rVV	1147905	2224104	46.27%	2.424%
95	23.244	3456	3461	3473	rVB2	619976	1202458	25.01%	1.310%
96	23.744	3541	3546	3553	rVB	216703	382731	7.96%	0.417%
97	24.438	3660	3664	3673	rVB2	168593	335806	6.99%	0.366%
98	25.379	3815	3824	3839	rVB2	1290917	3602666	74.94%	3.926%

Sum of corrected areas: 91756175

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ALS Vial : 31 Sample Multiplier: 1

Instrument :
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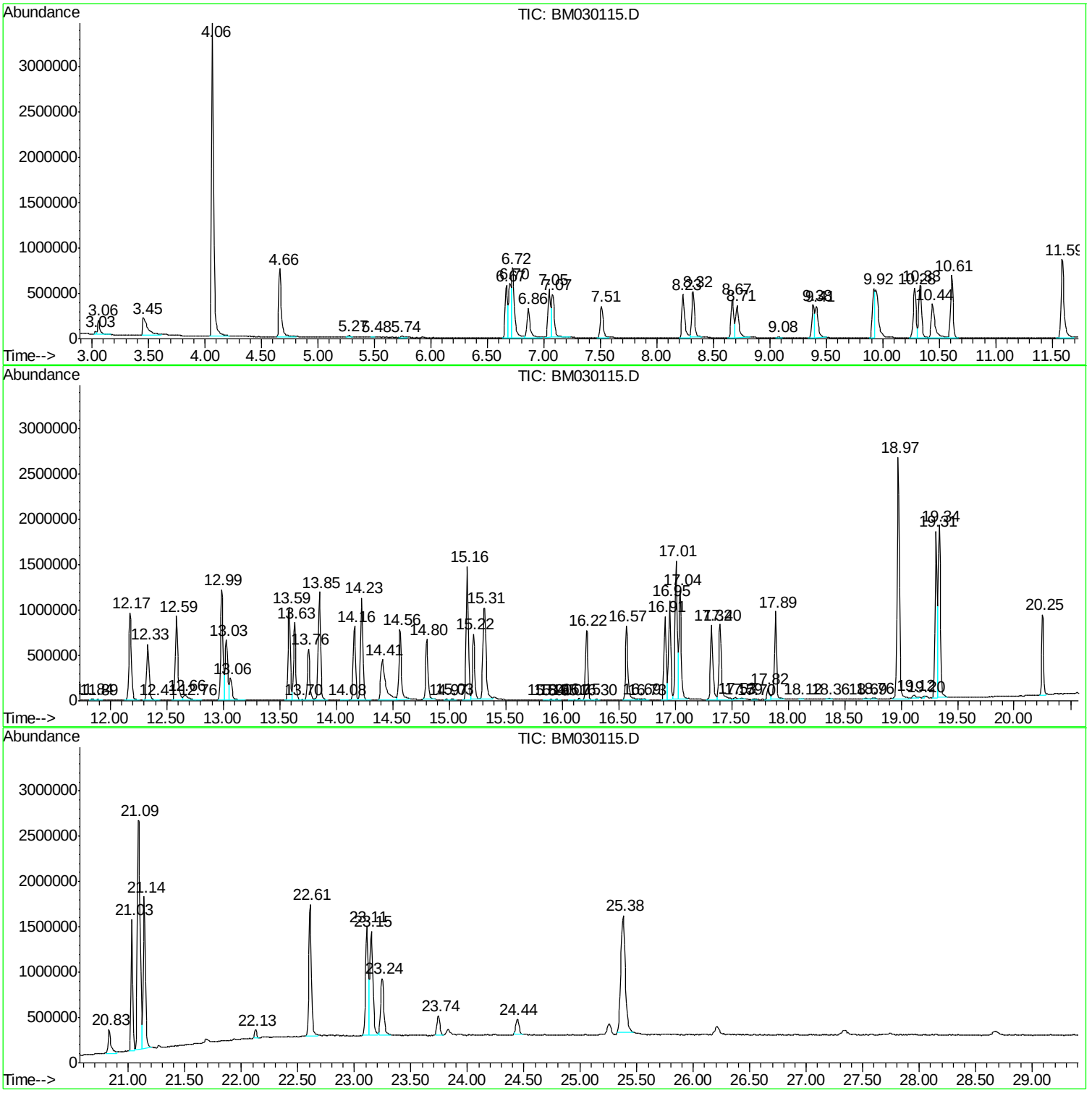
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
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Acq On : 21 May 2021 16:14
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Quant Title : SVOA CALIBRATION

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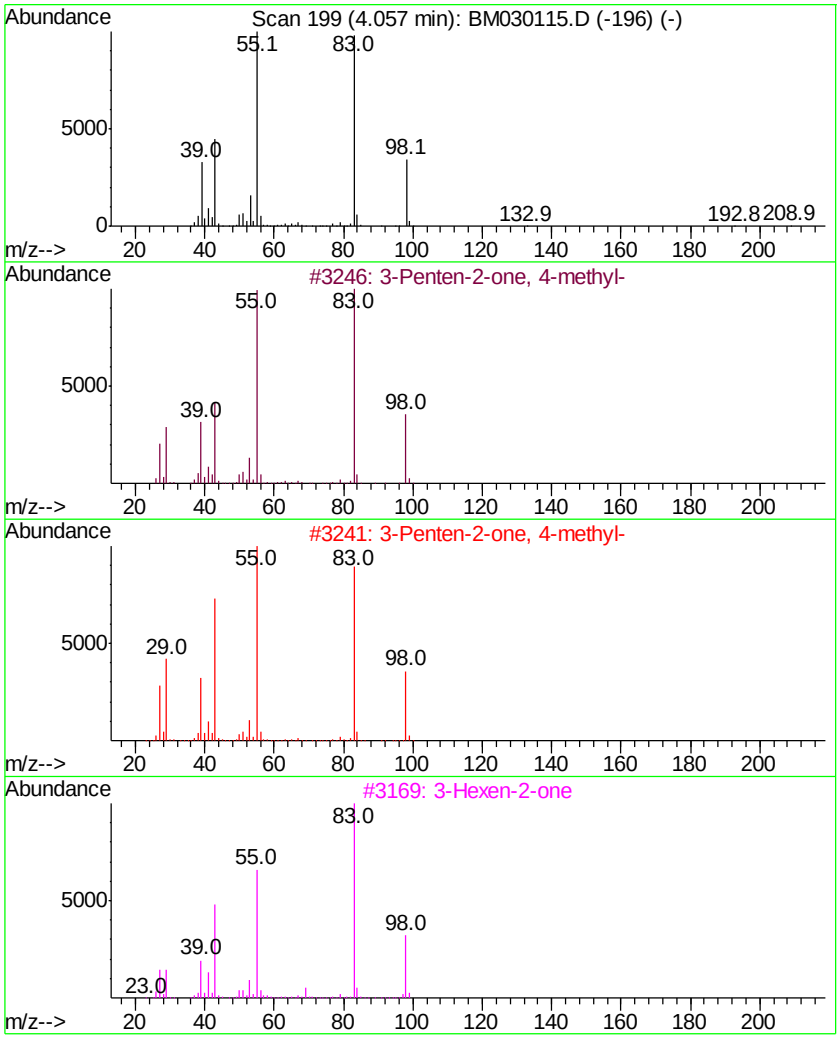
TIC Integration Parameters: LSCINT.P

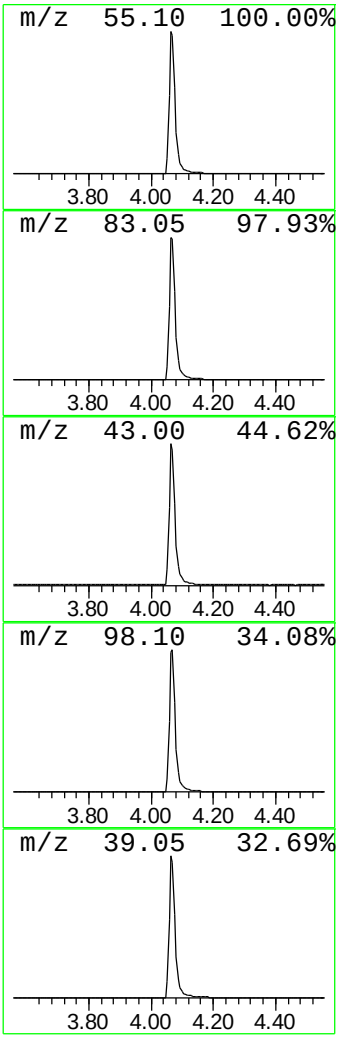
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.06	160.07 ng/ul	4807220	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3	3-Hexen-2-one	98	C6H10O	000763-93-9	90
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86





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Data File : BM030115.D
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Sample : M2402-07
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Instrument : BNA_M
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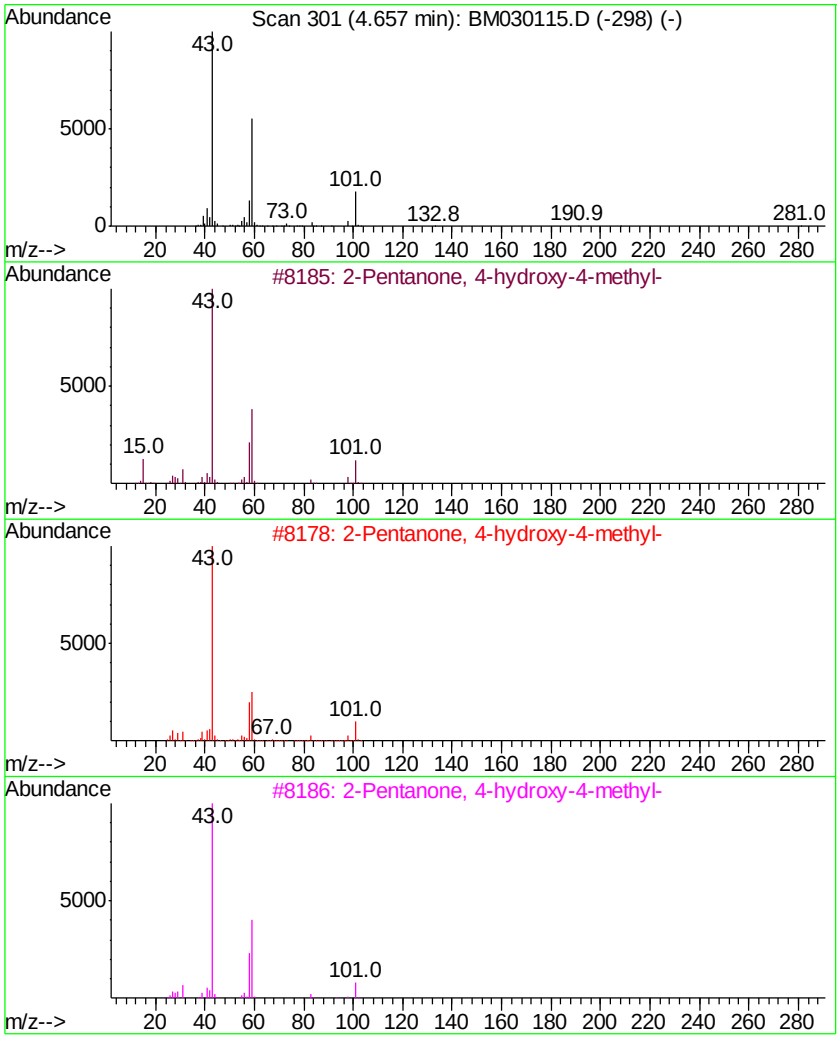
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

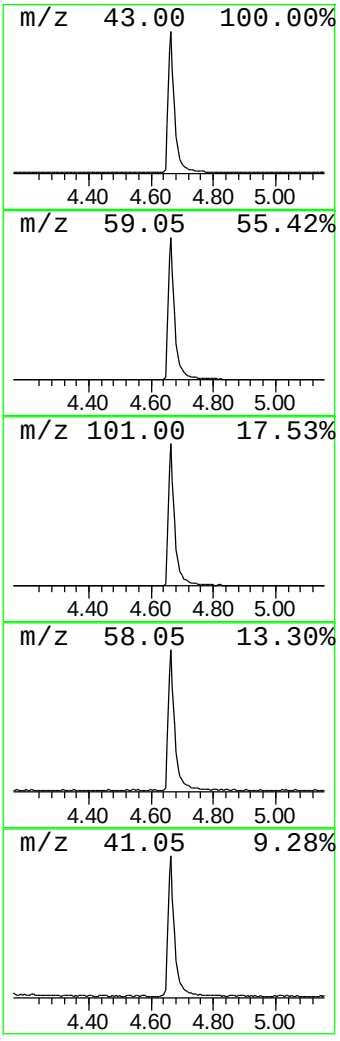
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	37.18 ng/ul	1116670	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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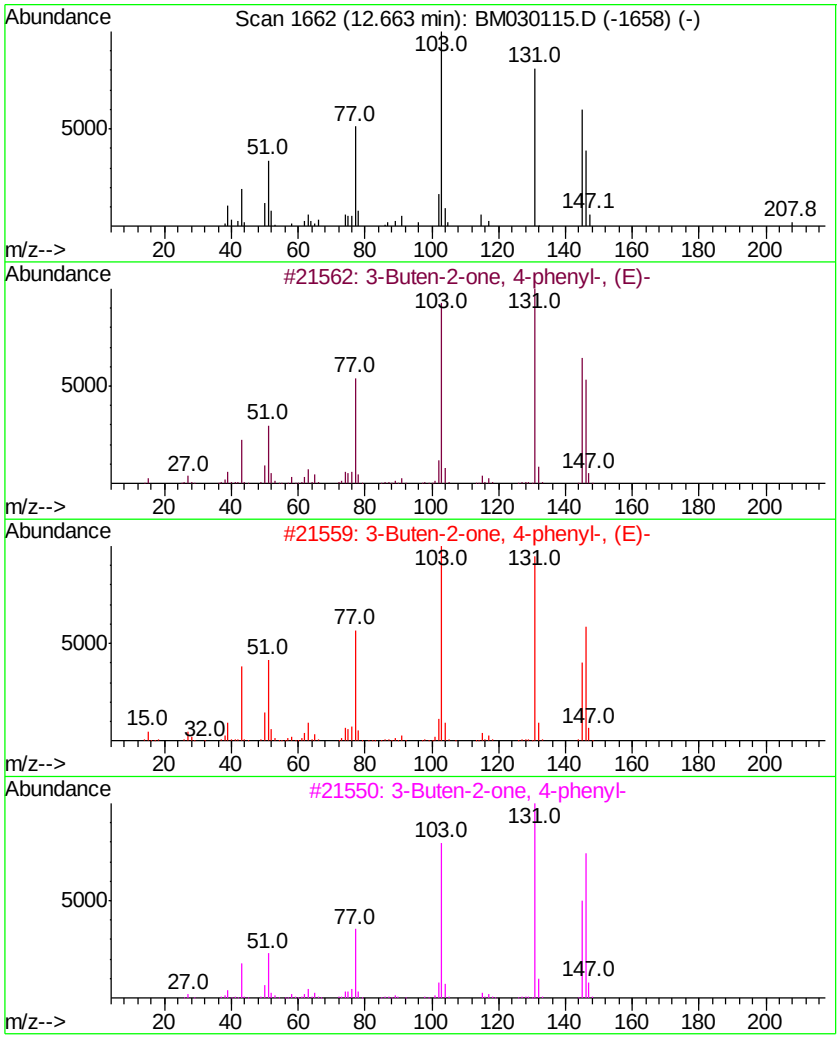
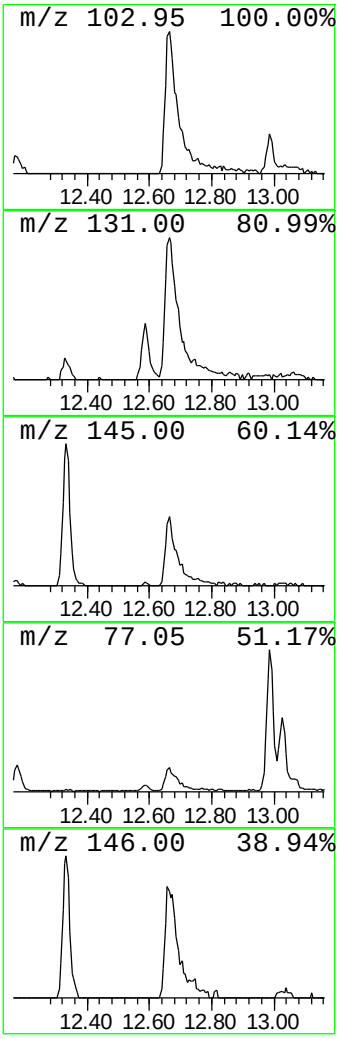
****

Peak Number 3 3-Buten-2-one, 4-phenyl-, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	2.94 ng/ul	177040	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	95
2	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	93
3	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	90
4	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	90
5	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	58





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Quant Title : SVOA CALIBRATION

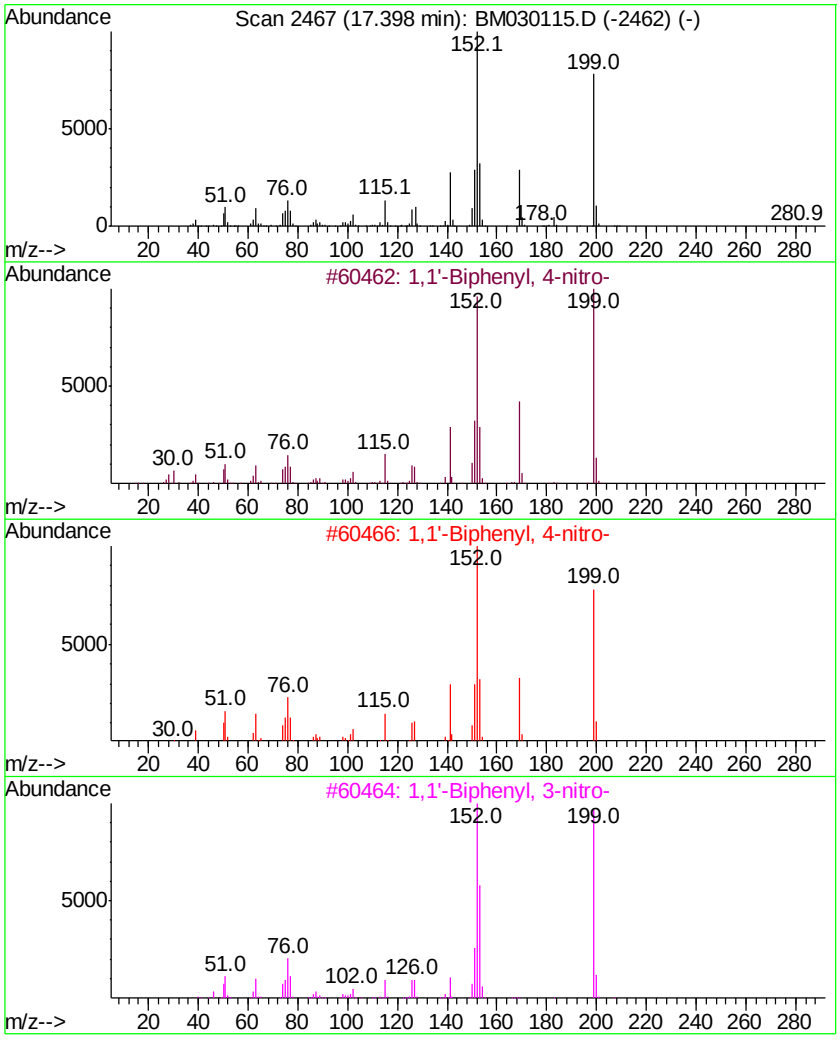
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

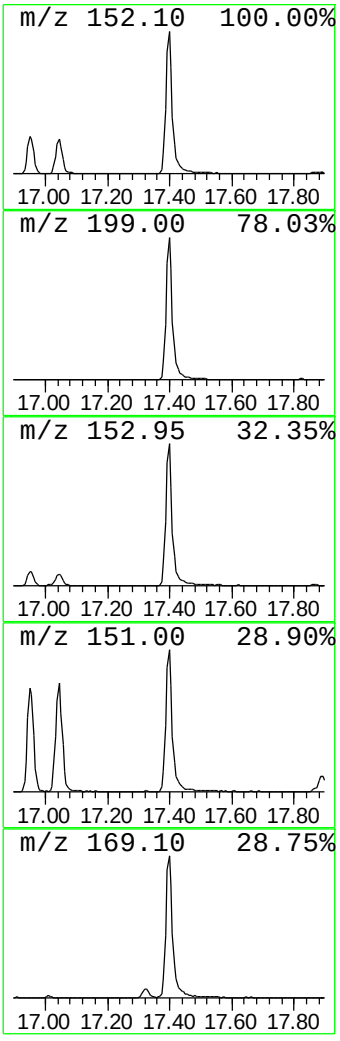
****

Peak Number 4 1,1'-Biphenyl, 4-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	19.89 ng/ul	1330930	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
2	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
3	1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	93
4	1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	81
5	Acenaphthylene, 1,2-dihydro-5-ni...	199	C12H9NO2	000602-87-9	80





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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X3435

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

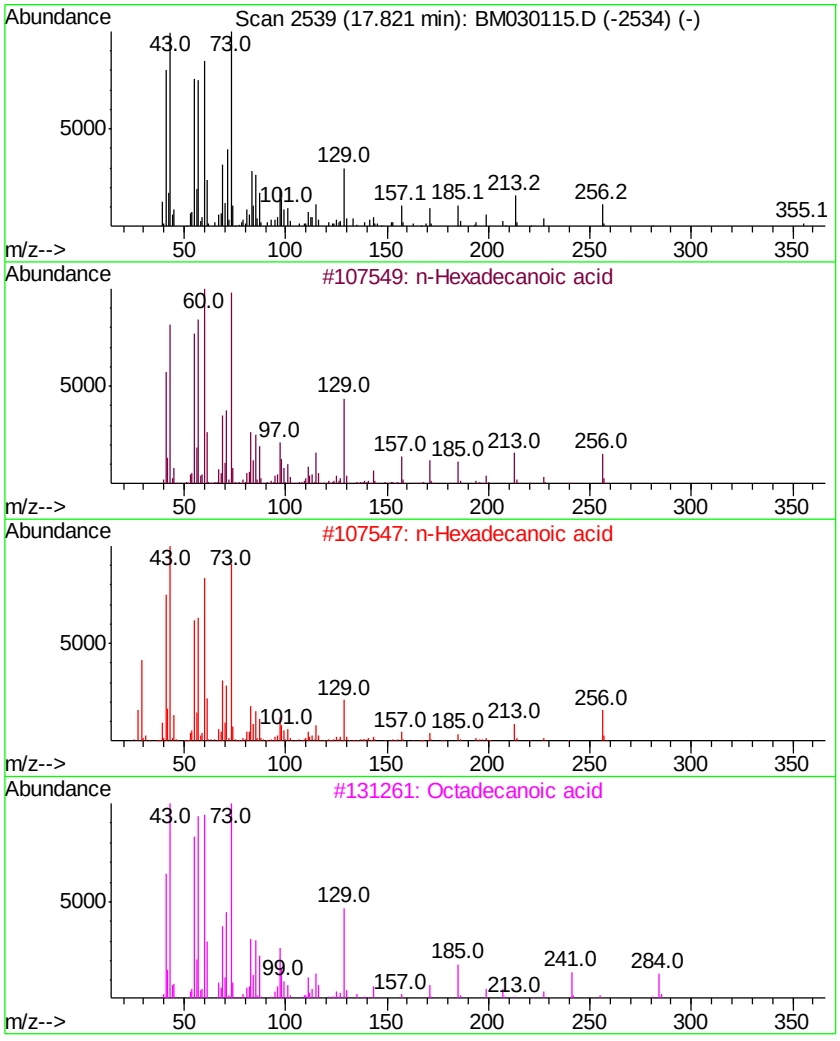
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

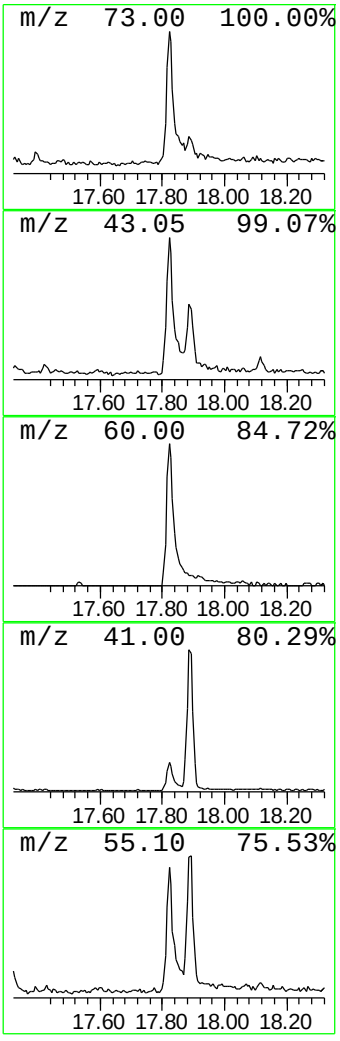
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	3.01 ng/ul	201256	Phenanthrene-d10	16.91

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	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030115.D
Acq On : 21 May 2021 16:14
Operator : CG/JU
Sample : M2402-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X3435

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

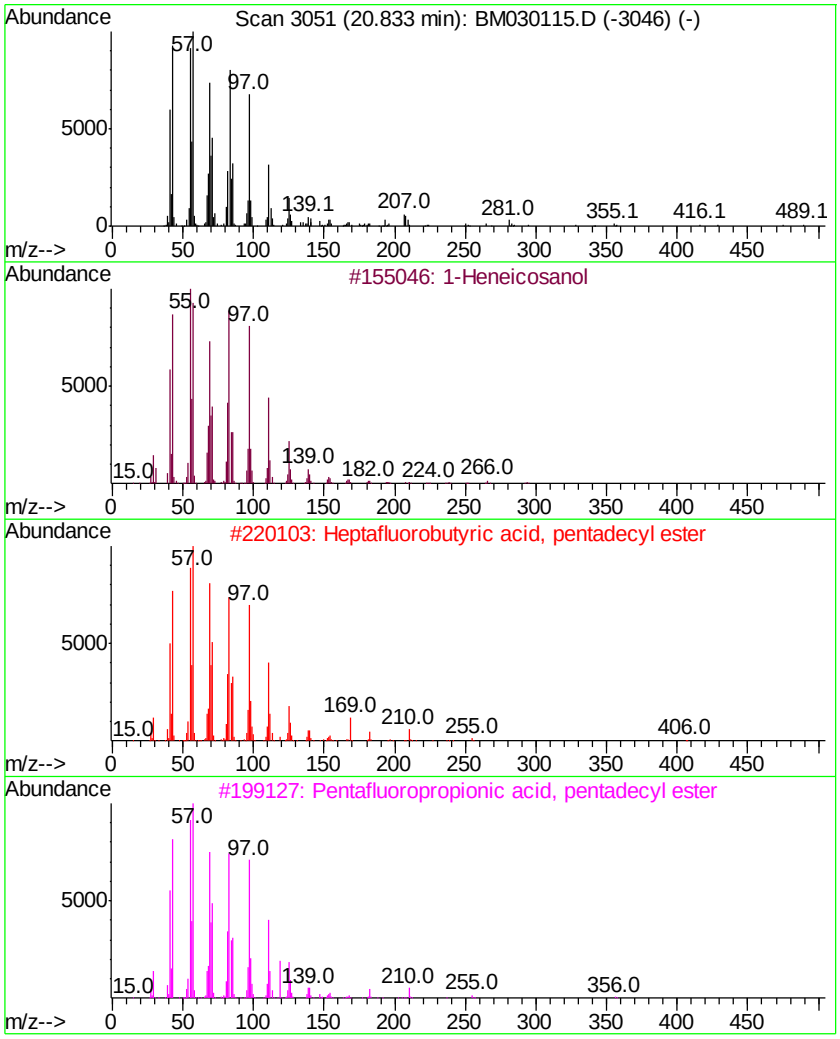
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

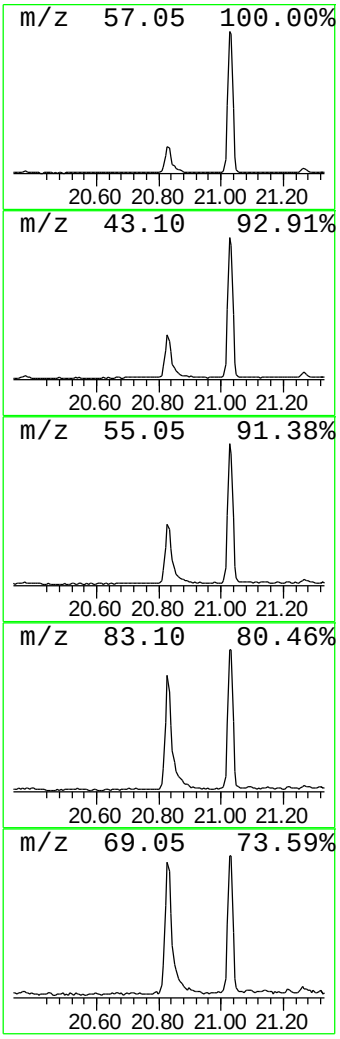
****

Peak Number 6 1-Heneicosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	2.14 ng/ul	458540	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	1-Octadecene	252	C18H36	000112-88-9	93
5	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	91





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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X3435

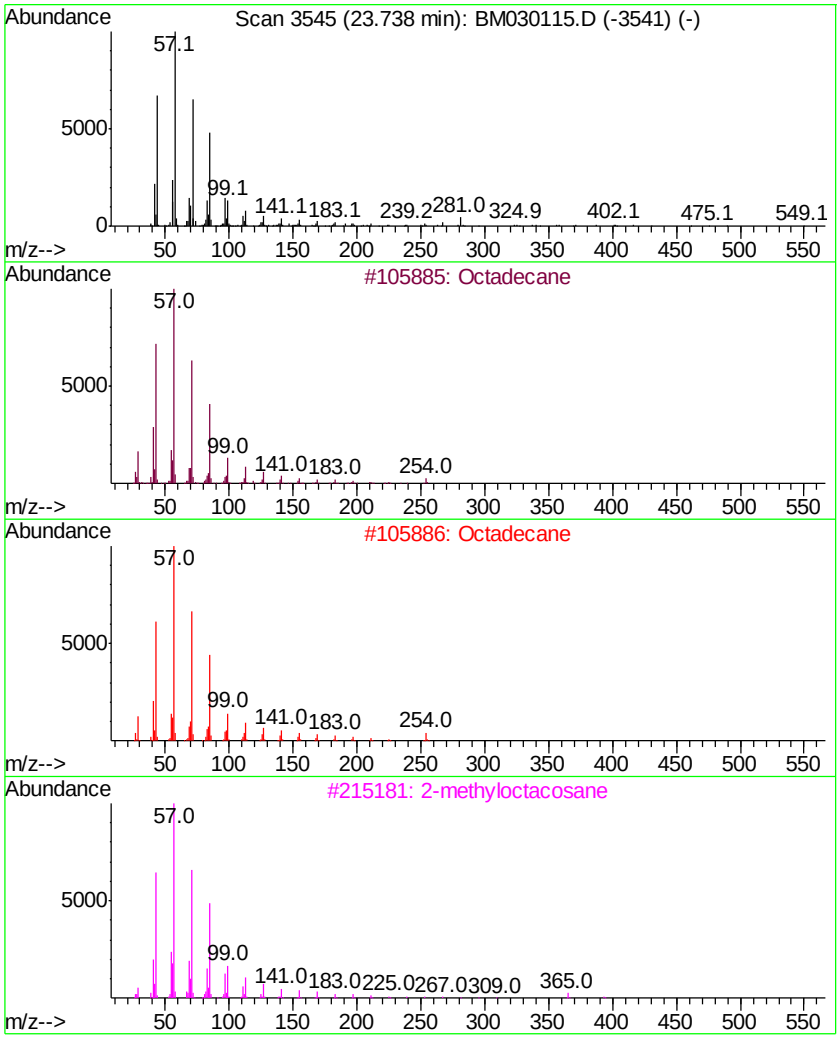
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

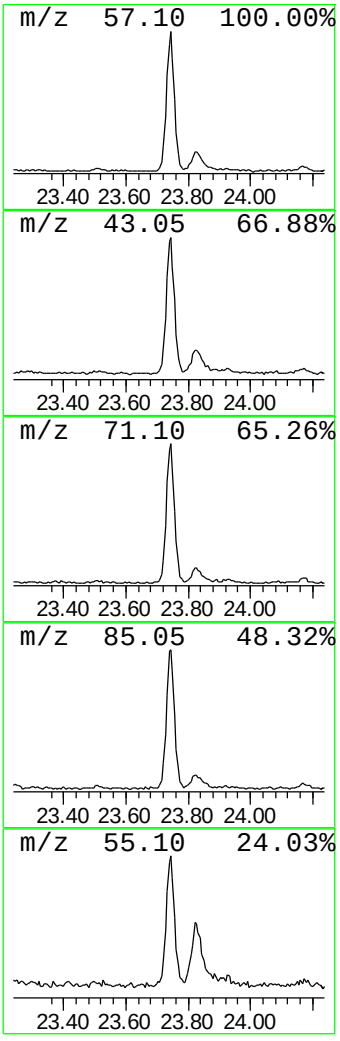
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	6.37 ng/ul	382731	Perylene-d12	23.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Octadecane	254	C18H38	000593-45-3	95
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Hentriacontane	437	C31H64	000630-04-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030115.D
Acq On : 21 May 2021 16:14
Operator : CG/JU
Sample : M2402-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X3435

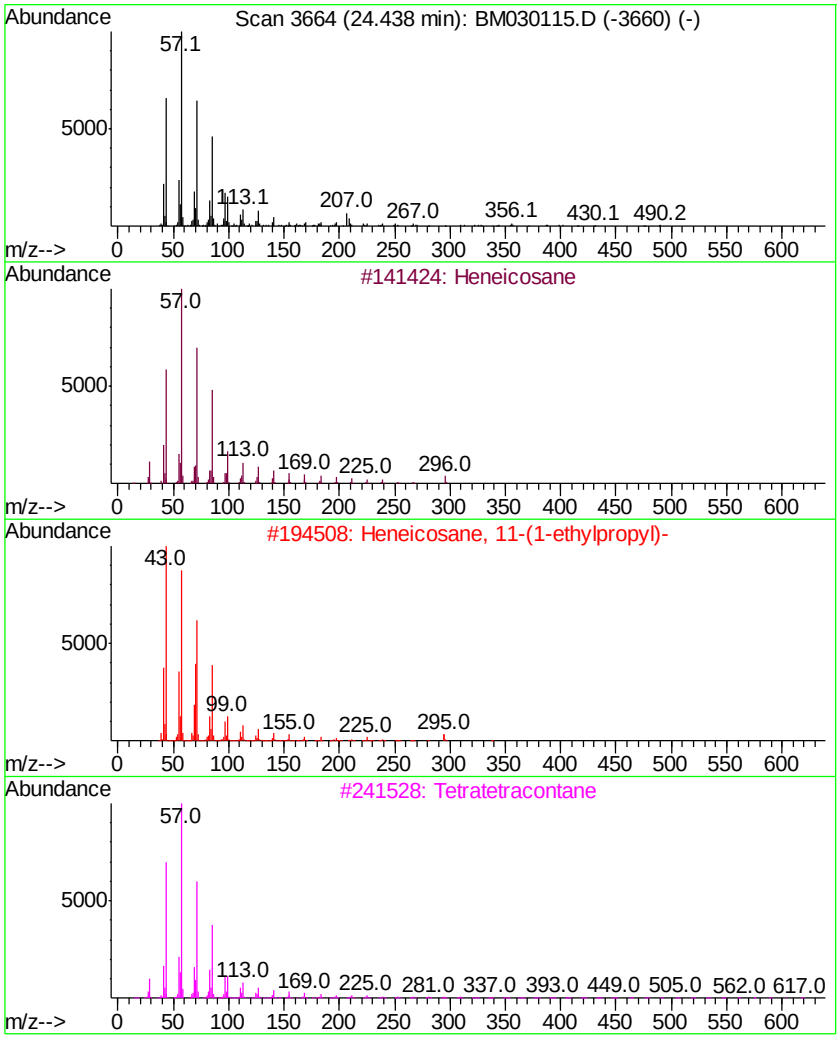
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

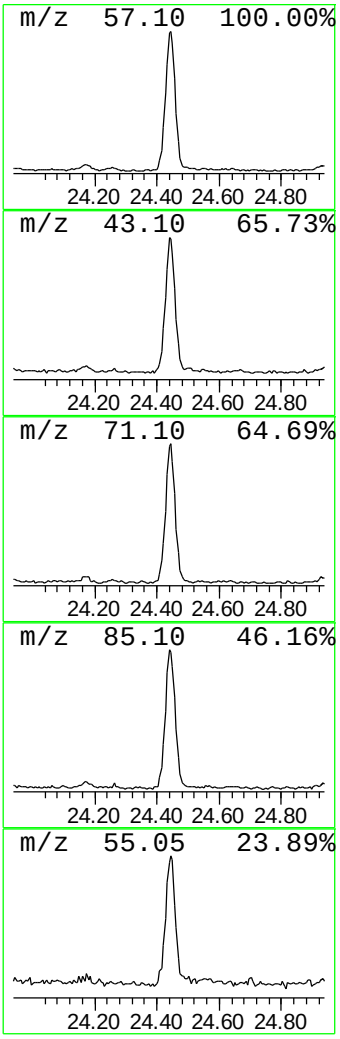
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.44	5.59 ng/ul	335806	Perylene-d12	23.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	86





Tentatively Identified Compound (LSC) summary

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Data File : BM030115.D
Acq On : 21 May 2021 16:14
Operator : CG/JU
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Instrument : BNA_M
ClientSampleId : X3435

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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
3-Penten-2-one, 4...	4.06	160.1	ng/ul	4807220	1	7.51	600637	20.0
2-Pentanone, 4-hy...	4.66	37.2	ng/ul	1116670	1	7.51	600637	20.0
3-Buten-2-one, 4-...	12.66	2.9	ng/ul	177040	3	14.16	1204880	20.0
1,1'-Biphenyl, 4-...	17.40	19.9	ng/ul	1330930	4	16.91	1337960	20.0
n-Hexadecanoic acid	17.82	3.0	ng/ul	201256	4	16.91	1337960	20.0
1-Heneicosanol	20.83	2.1	ng/ul	458540	5	21.10	4275650	20.0
(DEL) Alkane: Str...	23.74	6.4	ng/ul	382731	6	23.24	1202460	20.0
(DEL) Alkane: Str...	24.44	5.6	ng/ul	335806	6	23.24	1202460	20.0