LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
Data File : BM044986.D
Acq On : 07 Apr 2024 01:02
Operator : MA/JU
Sample : P2013-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E0MA8

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-BM040524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM044986.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.169	12	14	18	rVV2	11182	14358	0.44%	0.048%
2	3.210	18	21	29	rVB2	17572	26023	0.80%	0.086%
3	3.622	87	91	101	rBV	61938	124225	3.81%	0.411%
4	3.816	122	124	129	rVB6	3495	4993	0.15%	0.017%
5	3.905	136	139	144	rVB	12245	16841	0.52%	0.056%
6	4.263	196	200	210	rVB9	9823	21686	0.67%	0.072%
7	4.405	218	224	229	rBV2	26713	40999	1.26%	0.136%
8	4.693	268	273	281	rVB5	11304	22592	0.69%	0.075%
9	5.175	353	355	362	rVB7	3526	6227	0.19%	0.021%
10	6.663	604	608	613	rBV6	4758	8473	0.26%	0.028%
11	6.816	628	634	644	rBV2	86468	156255	4.79%	0.517%
12	6.987	655	663	675	rBV	317905	514463	15.78%	1.704%
13	7.169	687	694	705	rBV	325908	539974	16.56%	1.788%
14	7.634	766	773	782	rBV	271374	452997	13.89%	1.500%
15	7.981	828	832	835	rBV5	3294	4787	0.15%	0.016%
16	8.340	887	893	905	rBV	261360	458098	14.05%	1.517%
17	8.545	927	928	936	rVB5	2946	4285	0.13%	0.014%
18	8.792	962	970	981	rBV	395681	678578	20.81%	2.247%
19	8.898	986	988	991	rVV3	4512	5842	0.18%	0.019%
20	8.957	995	998	1003	rVB6	2756	4238	0.13%	0.014%
21	9.504	1085	1091	1103	rBV	330810	566063	17.36%	1.874%
22	10.039	1173	1182	1202	rBV	485768	923641	28.33%	3.059%
23	10.269	1216	1221	1226	rVB7	3861	7409	0.23%	0.025%
24	10.404	1238	1244	1257	rVB	427752	715045	21.93%	2.368%
25	10.563	1260	1271	1294	rBV	378026	791463	24.27%	2.621%
26	10.916	1327	1331	1336	rBV6	2982	6275	0.19%	0.021%
27	11.716	1460	1467	1469	rBV5	2697	5655	0.17%	0.019%
28	11.939	1501	1505	1512	rVB5	9900	15228	0.47%	0.050%
29	12.010	1512	1517	1521	rBV5	5341	8281	0.25%	0.027%
30	12.086	1523	1530	1544	rBV	66010	154736	4.75%	0.512%
31	12.280	1560	1563	1569	rVB4	6351	9342	0.29%	0.031%
32	12.386	1575	1581	1587	rBV7	7488	15551	0.48%	0.051%
33	12.569	1608	1612	1618	rVB4	3186	4945	0.15%	0.016%
34	12.675	1626	1630	1632	rVB5	3035	4284	0.13%	0.014%
35	12.780	1642	1648	1651	rBV7	3394	5297	0.16%	0.018%
36	13.175	1705	1715	1720	rVB2	27344	50125	1.54%	0.166%

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Sample : P2013-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0MA8

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-BM040524.MA.M
Title : SVOA CALIBRATION

37	13.245	1724	1727	1732	rBV6	5024	6989	0.21%	0.023%
38	13.527	1772	1775	1780	rBV6	3978	7713	0.24%	0.026%
39	13.704	1798	1805	1815	rBV	984803	1402767	43.02%	4.645%
40	13.769	1815	1816	1824	rVB7	4575	6214	0.19%	0.021%
41	13.974	1843	1851	1865	rBV	1162402	1738834	53.33%	5.758%
42	14.139	1876	1879	1882	rVB5	5334	6841	0.21%	0.023%
43	14.280	1896	1903	1913	rVV	715775	1041503	31.94%	3.449%
44	14.533	1939	1946	1956	rBV3	50268	134296	4.12%	0.445%
45	14.686	1969	1972	1975	rBV5	5464	8617	0.26%	0.029%
46	14.727	1975	1979	1980	rVV3	9835	14502	0.44%	0.048%
47	14.757	1980	1984	1990	rVV3	26443	49741	1.53%	0.165%
48	14.821	1990	1995	2003	rVV3	66775	167963	5.15%	0.556%
49	14.886	2003	2006	2014	rVV7	36088	55663	1.71%	0.184%
50	14.963	2015	2019	2028	rVB3	41088	66276	2.03%	0.219%
51	15.051	2028	2034	2044	rBV	70211	131341	4.03%	0.435%
52	15.216	2056	2062	2067	rBV4	33392	58493	1.79%	0.194%
53	15.280	2067	2073	2082	rVB	1558333	2218224	68.03%	7.345%
54	15.421	2091	2097	2107	rBV	400391	564903	17.33%	1.871%
55	15.516	2107	2113	2118	rVB9	8130	18211	0.56%	0.060%
56	15.851	2166	2170	2174	rBV6	6141	10116	0.31%	0.033%
57	16.016	2195	2198	2202	rBV6	3173	4077	0.13%	0.014%
58	16.068	2202	2207	2214	rVB8	9988	17709	0.54%	0.059%
59	16.157	2214	2222	2226	rBV10	7959	17266	0.53%	0.057%
60	16.192	2226	2228	2231	rVB4	3373	4152	0.13%	0.014%
61	16.280	2240	2243	2248	rVB7	7693	11422	0.35%	0.038%
62	16.380	2251	2260	2267	rBV7	8240	23169	0.71%	0.077%
63	16.457	2269	2273	2279	rBV5	14873	21128	0.65%	0.070%
64	16.504	2279	2281	2285	rBV5	2949	4101	0.13%	0.014%
65	16.563	2286	2291	2302	rBV	247623	356649	10.94%	1.181%
66	16.721	2315	2318	2320	rBV4	4504	5169	0.16%	0.017%
67	16.963	2356	2359	2362	rVB4	6275	7944	0.24%	0.026%
68	17.039	2366	2372	2380	rVB	941757	1302132	39.94%	4.312%
69	17.139	2383	2389	2400	rBV	1883273	2555592	78.38%	8.462%
70	17.227	2400	2404	2409	rVB8	8012	11281	0.35%	0.037%
71	17.292	2411	2415	2417	rBV5	3772	3688	0.11%	0.012%
72	17.315	2417	2419	2420	rBV2	5691	5050	0.15%	0.017%
73	17.351	2421	2425	2432	rVB6	20184	32281	0.99%	0.107%
74	17.439	2437	2440	2446	rVB6	12411	16096	0.49%	0.053%
75	17.510	2449	2452	2457	rVV6	11381	15862	0.49%	0.053%
76	17.845	2502	2509	2514	rBV2	38291	69404	2.13%	0.230%

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Sample : P2013-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0MA8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Title : SVOA CALIBRATION

77	17.957	2522	2528	2543	rBV	374526	585375	17.95%	1.938%
78	18.239	2574	2576	2581	rVB6	8852	11014	0.34%	0.036%
79	18.327	2589	2591	2594	rVB4	8257	7540	0.23%	0.025%
80	18.380	2597	2600	2605	rVB5	22386	29491	0.90%	0.098%
81	18.621	2639	2641	2646	rVB5	6564	7492	0.23%	0.025%
82	19.004	2702	2706	2713	rVB3	30689	45842	1.41%	0.152%
83	19.092	2715	2721	2724	rBV2	105451	181869	5.58%	0.602%
84	19.121	2724	2726	2730	rVV5	14783	20443	0.63%	0.068%
85	19.245	2742	2747	2758	rBV	251186	342655	10.51%	1.135%
86	19.345	2761	2764	2769	rVV5	16083	25082	0.77%	0.083%
87	19.445	2775	2781	2790	rBV	2392006	3153464	96.71%	10.442%
88	20.533	2962	2966	2976	rBV	564932	727175	22.30%	2.408%
89	20.974	3038	3041	3049	rBV6	51212	75350	2.31%	0.250%
90	21.245	3082	3087	3096	rBV	1159432	1524777	46.76%	5.049%
91	23.333	3435	3442	3449	rBV	1856430	3260580	100.00%	10.797%
92	23.468	3459	3465	3473	rVB	876191	1618232	49.63%	5.359%

Sum of corrected areas: 30199034

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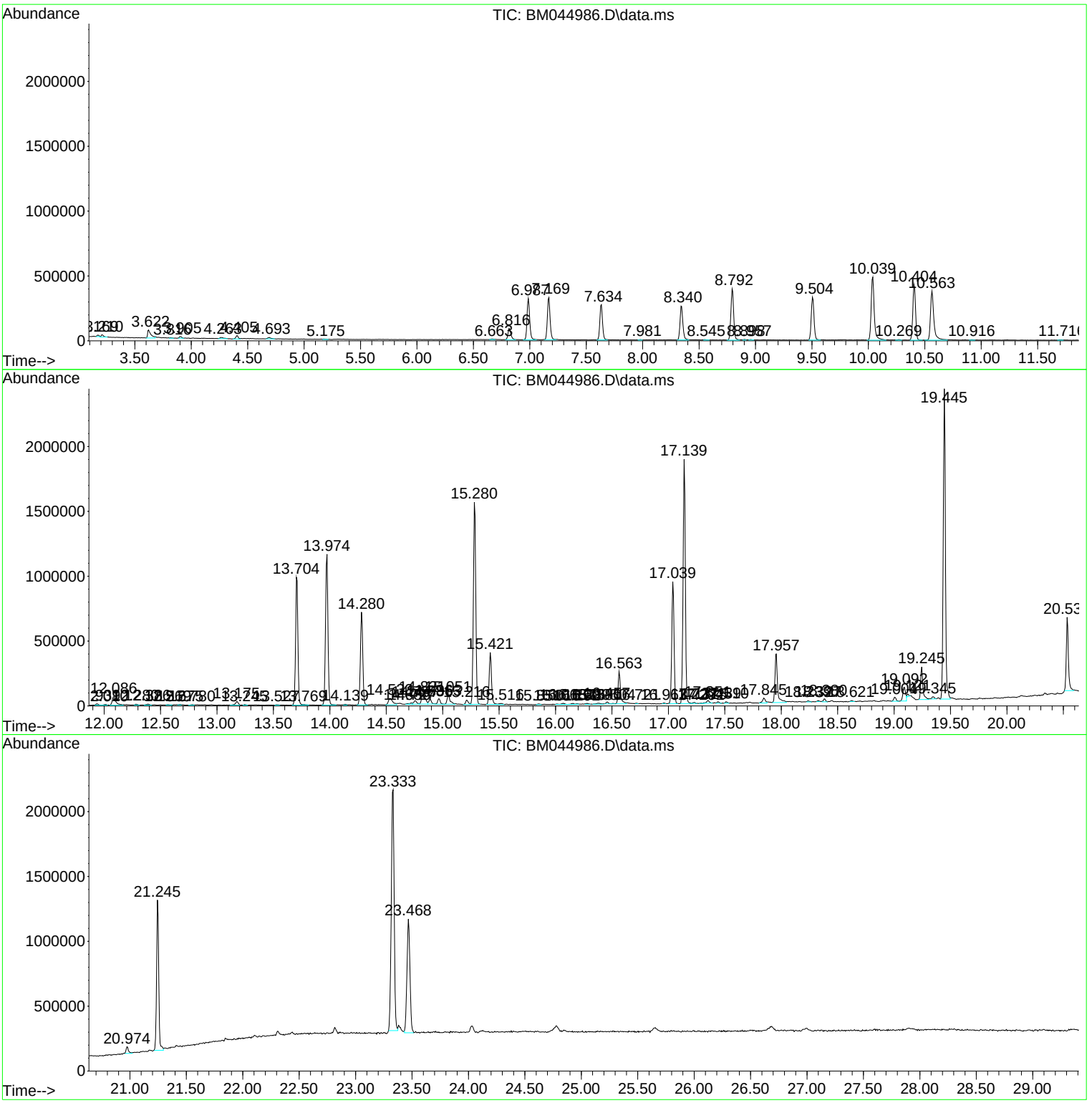
Instrument :
BNA_M
ClientSampleId :
E0MA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
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Operator : MA/JU
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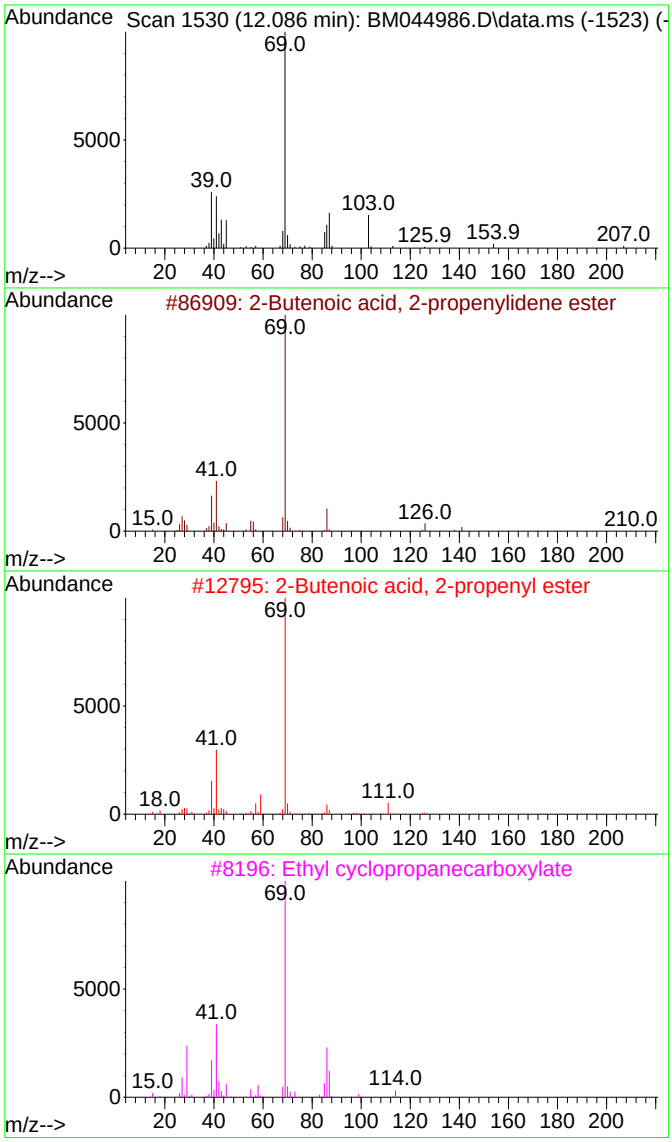
Quant Title : SVOA CALIBRATION

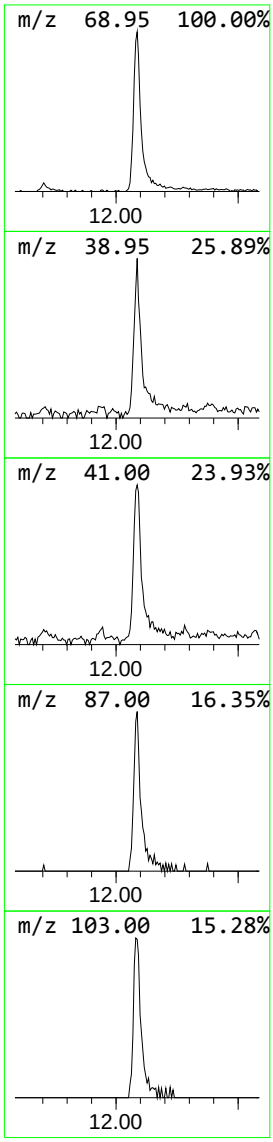
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Butenoic acid, 2-propenyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.086	4.33 ng/ul	154736	Naphthalene-d8	10.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	50
2	2-Butenoic acid, 2-propenyl ester	126	C7H10O2	020474-93-5	40
3	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	38
4	Crotonic anhydride	154	C8H10O3	000623-68-7	38
5	2-Propenoic acid, 2-methyl-, 2-p...	126	C7H10O2	000096-05-9	9





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Data File : BM044986.D
Acq On : 07 Apr 2024 01:02
Operator : MA/JU
Sample : P2013-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0MA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

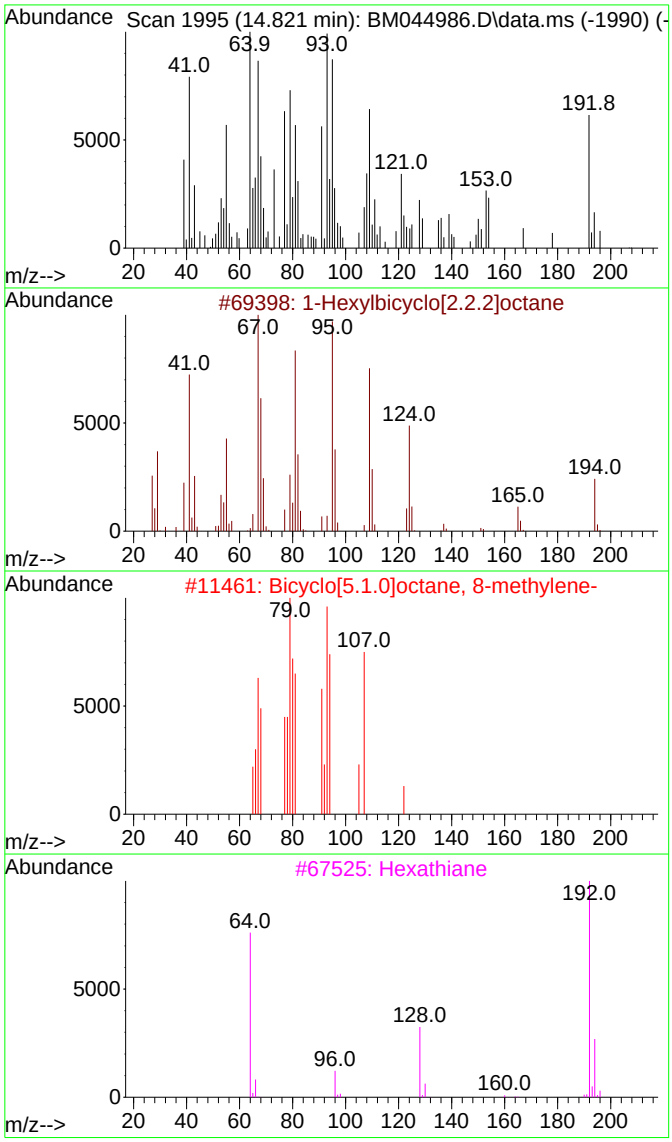
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

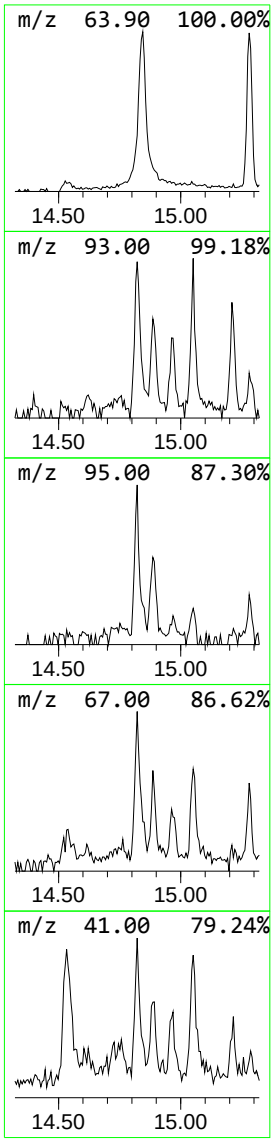
****

Peak Number 2 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.822	3.23 ng/ul	167963	Acenaphthene-d10	14.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexylbicyclo[2.2.2]octane	194	C14H26	1000435-94-2	46
2	Bicyclo[5.1.0]octane, 8-methylene-	122	C9H14	054211-15-3	43
3	Hexathiane	192	S6	013798-23-7	38
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	38
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	38





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

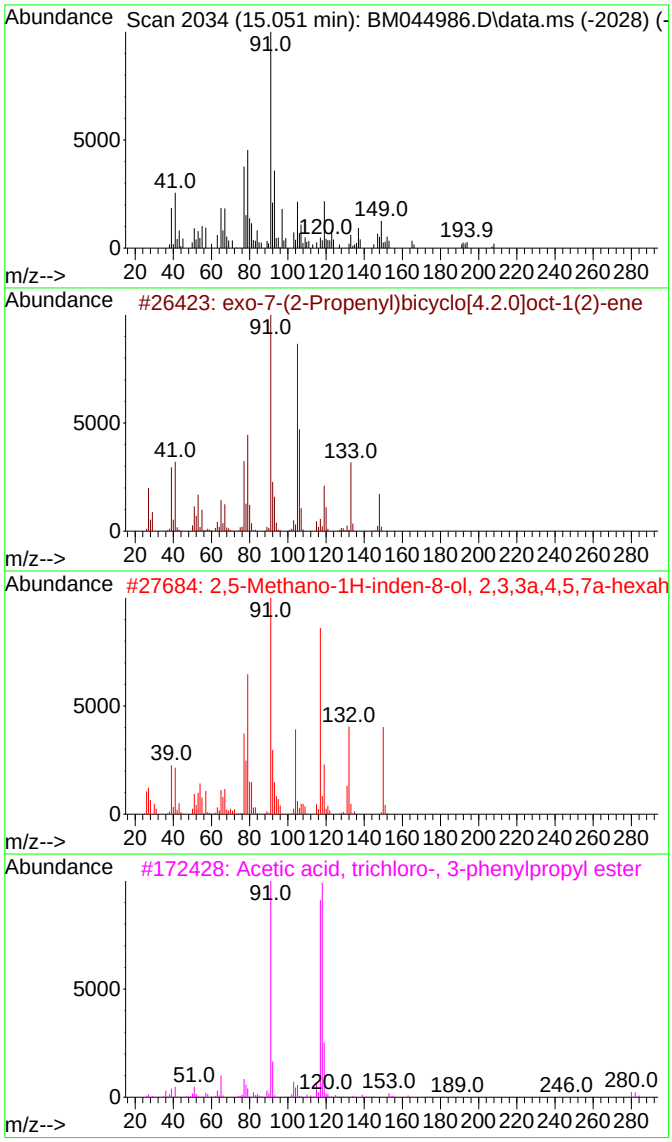
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

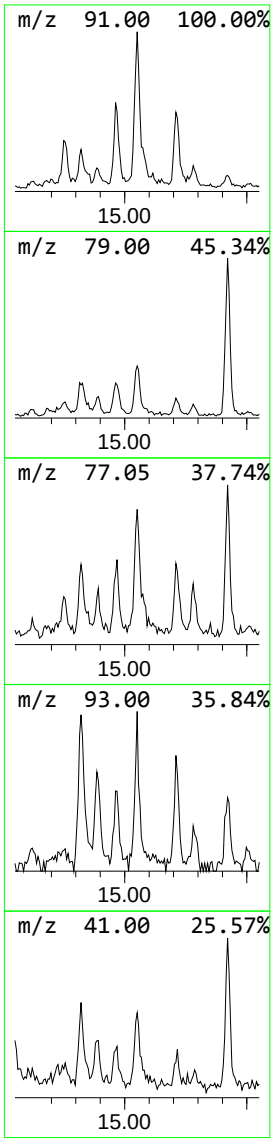
****

Peak Number 3 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.051	2.52 ng/ul	131341	Acenaphthene-d10	14.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	exo-7-(2-Propenyl)bicyclo[4.2.0]...	148	C11H16	1000200-97-5	47
2	2,5-Methano-1H-inden-8-ol, 2,3,3...	150	C10H14O	084580-97-2	35
3	Acetic acid, trichloro-, 3-pheny...	280	C11H11Cl3O2	078987-68-5	22
4	Sabinyl palmitate	390	C26H46O2	1000465-87-6	22
5	1-Propanol, 2-benzyloxy-	166	C10H14O2	070448-03-2	18





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Instrument :
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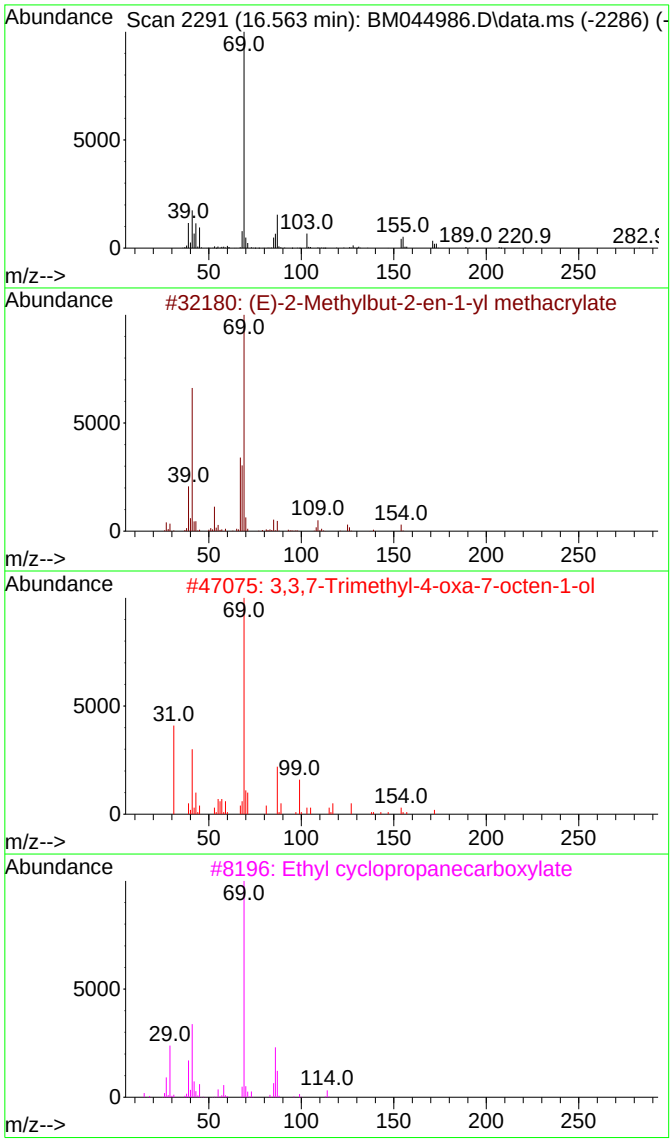
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

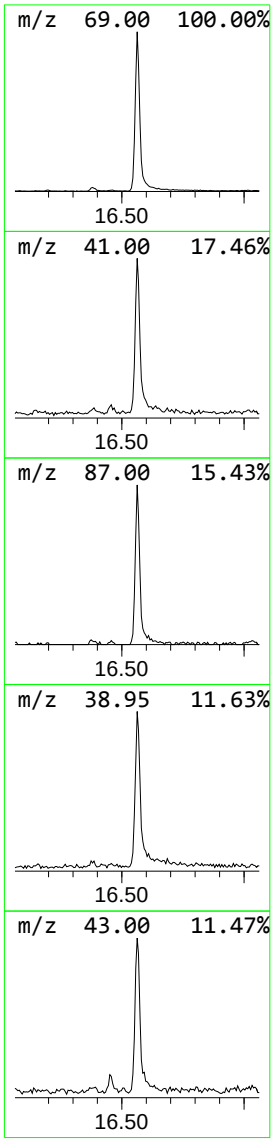
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.563	5.48 ng/ul	356649	Phenanthrene-d10	17.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-2-Methylbut-2-en-1-yl methac...	154	C9H14O2	088142-95-4	42
2	3,3,7-Trimethyl-4-oxa-7-octen-1-ol	172	C10H20O2	069161-47-3	38
3	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	38
4	3,3,7-Trimethyl-4-oxa-7-octen-1-ol	172	C10H20O2	069161-47-3	9
5	3-Hexanol, 2,5-dimethyl-	130	C8H18O	019550-07-3	9





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Data File : BM044986.D
Acq On : 07 Apr 2024 01:02
Operator : MA/JU
Sample : P2013-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0MA8

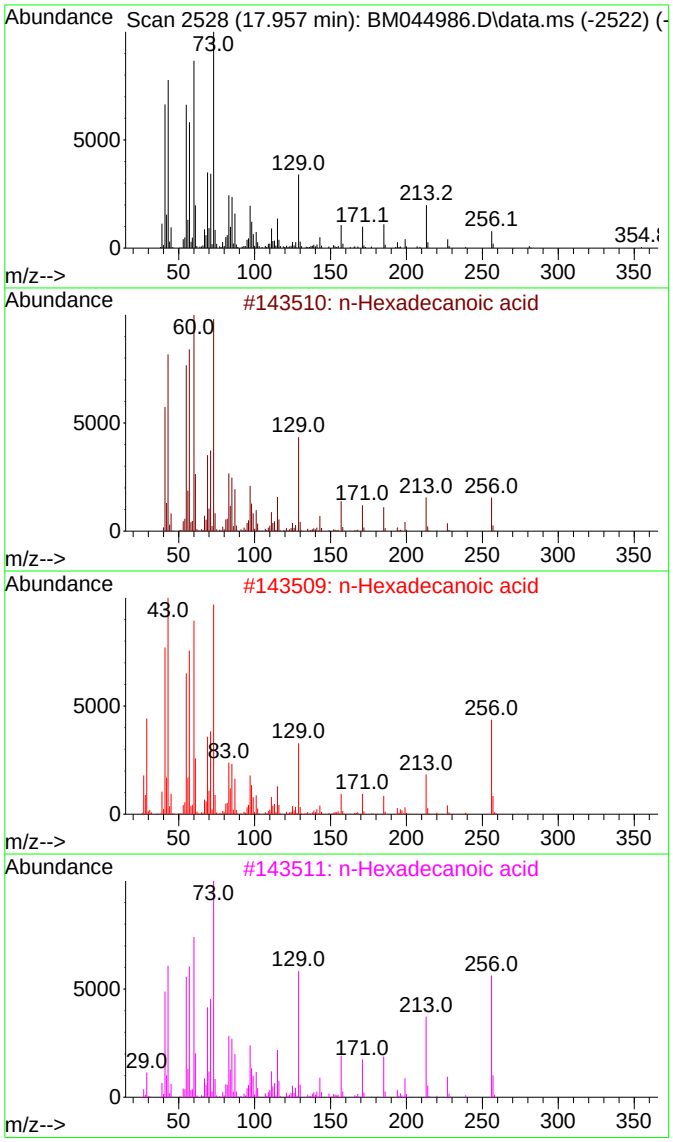
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

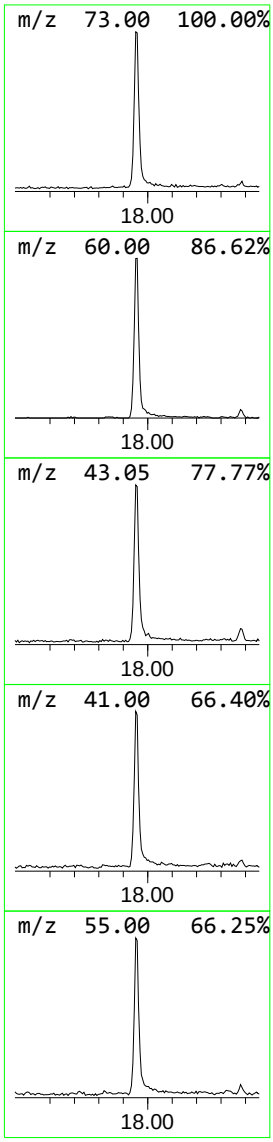
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.957	8.99 ng/ul	585375	Phenanthrene-d10	17.039

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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97





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Sample : P2013-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0MA8

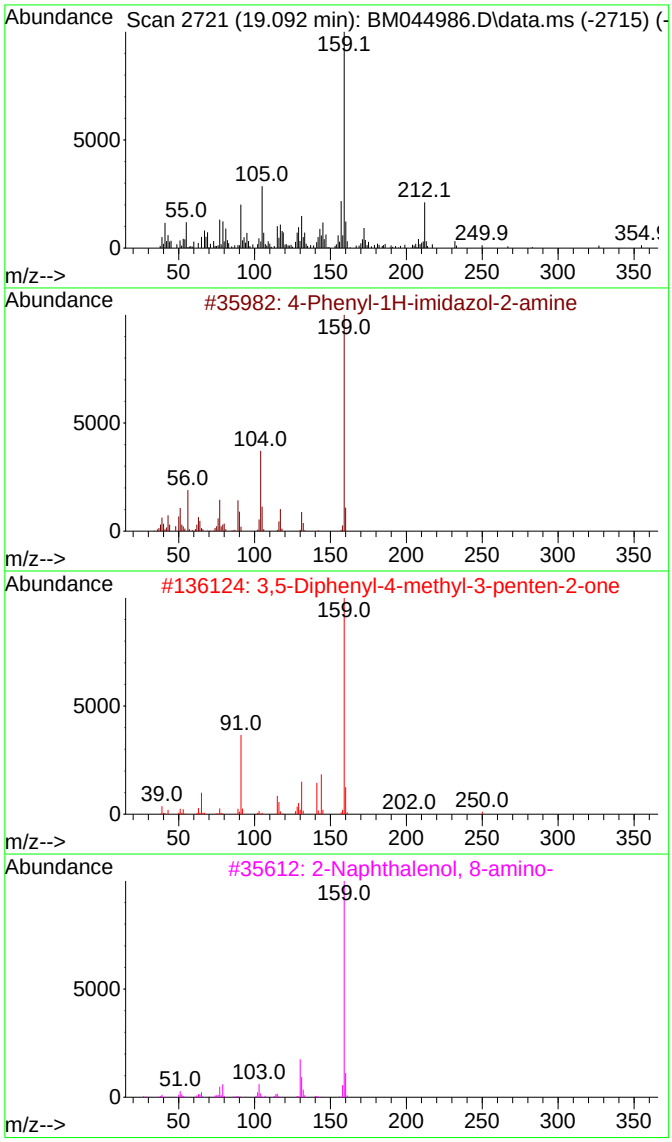
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

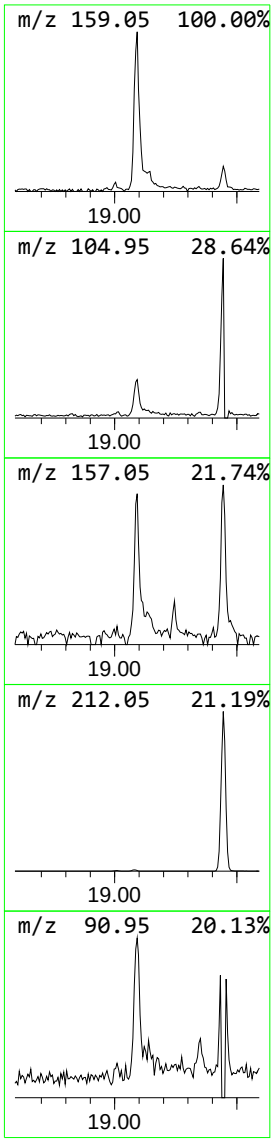
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4-Phenyl-1H-imidazol-2-amine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.092	2.79 ng/ul	181869	Phenanthrene-d10	17.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Phenyl-1H-imidazol-2-amine	159	C9H9N3	006775-40-2	53
2	3,5-Diphenyl-4-methyl-3-penten-2...	250	C18H18O	081826-04-2	49
3	2-Naphthalenol, 8-amino-	159	C10H9NO	000118-46-7	46
4	1-Naphthalenol, 6-amino-	159	C10H9NO	023894-12-4	46
5	8-Quinolinol, 2-methyl-	159	C10H9NO	000826-81-3	43





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Acq On : 07 Apr 2024 01:02
Operator : MA/JU
Sample : P2013-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0MA8

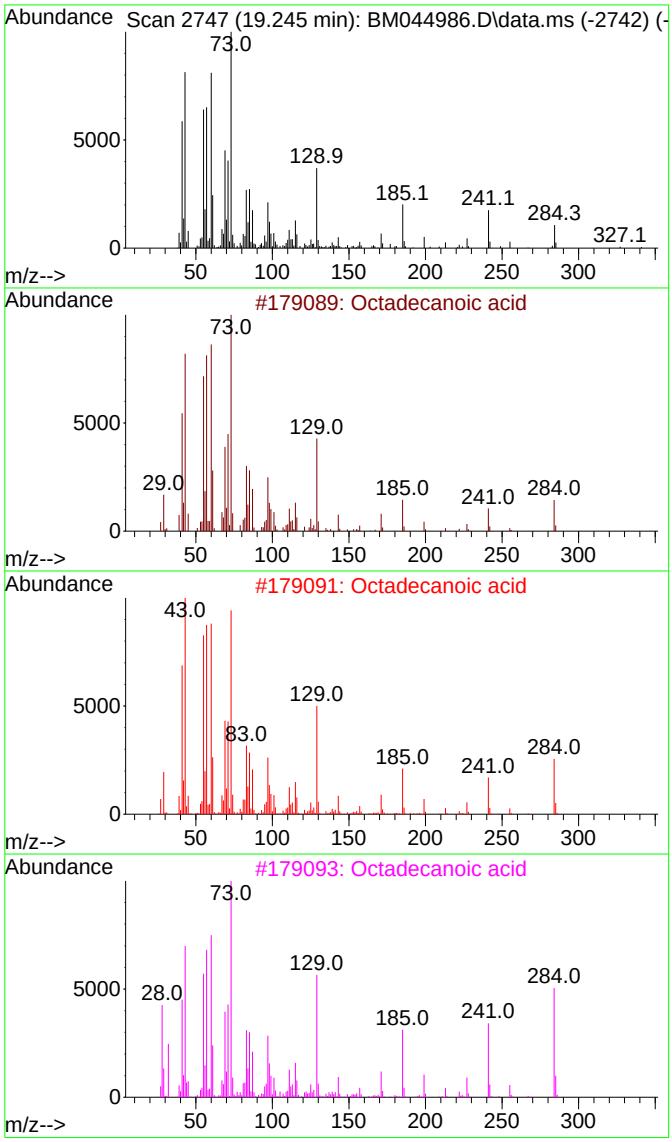
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

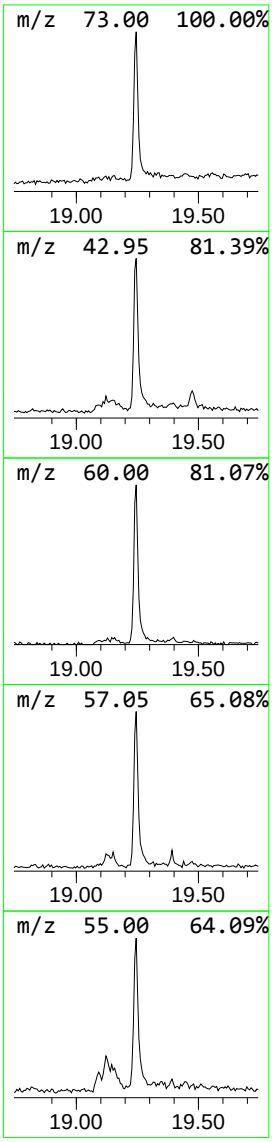
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.245	4.49 ng/ul	342655	Chrysene-d12	21.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





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Data File : BM044986.D
Acq On : 07 Apr 2024 01:02
Operator : MA/JU
Sample : P2013-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0MA8

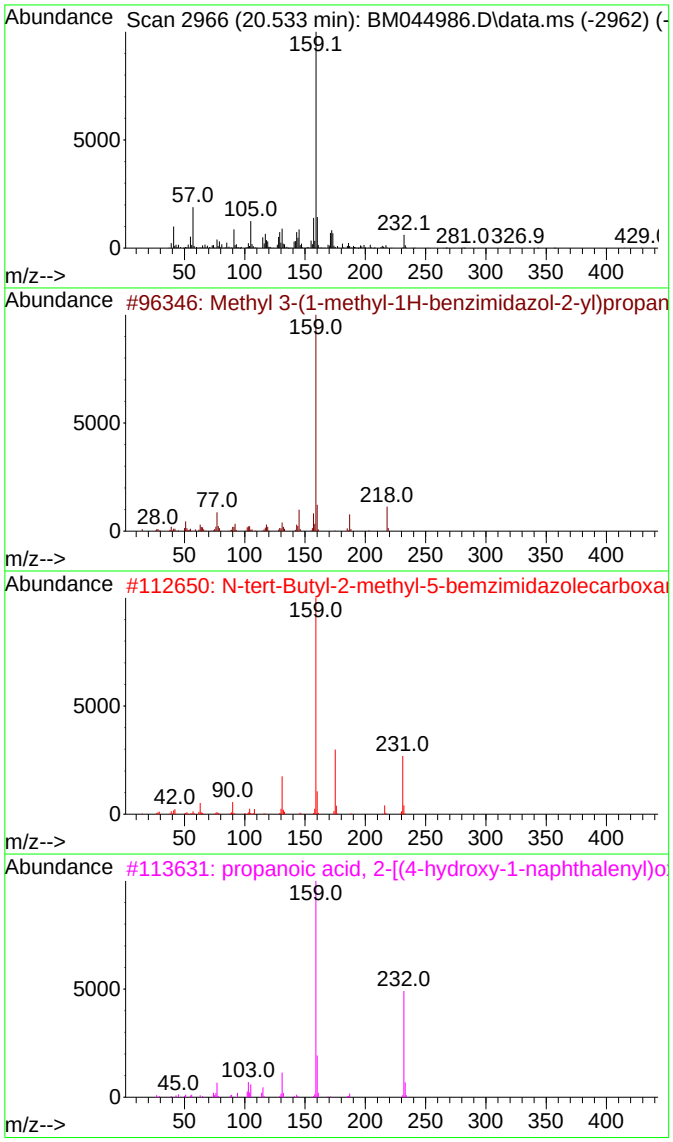
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

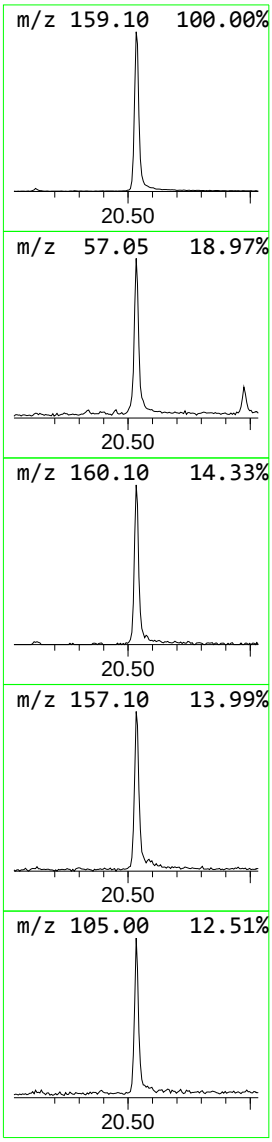
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Methyl 3-(1-methyl-1H-benzi... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.533	9.54 ng/ul	727175	Chrysene-d12	21.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 3-(1-methyl-1H-benzimidaz...	218	C12H14N2O2	024786-76-3	64
2	N-tert-Butyl-2-methyl-5-bemzimid...	231	C13H17N3O	096749-58-5	59
3	propanoic acid, 2-[(4-hydroxy-1-...	232	C13H12O4	1000401-03-3	59
4	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	53
5	2-Phenylpropionic acid, 4'-(2-me...	218	C14H18O2	1010454-94-3	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
Data File : BM044986.D
Acq On : 07 Apr 2024 01:02
Operator : MA/JU
Sample : P2013-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0MA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Butenoic acid...	12.086	4.3	ng/ul	154736	2	10.404	715045	20.0
unknown-01	14.822	3.2	ng/ul	167963	3	14.280	1041500	20.0
unknown-02	15.051	2.5	ng/ul	131341	3	14.280	1041500	20.0
unknown-03	16.563	5.5	ng/ul	356649	4	17.039	1302130	20.0
n-Hexadecanoic ...	17.957	9.0	ng/ul	585375	4	17.039	1302130	20.0
4-Phenyl-1H-imi...	19.092	2.8	ng/ul	181869	4	17.039	1302130	20.0
Octadecanoic acid	19.245	4.5	ng/ul	342655	5	21.245	1524780	20.0
Methyl 3-(1-met...	20.533	9.5	ng/ul	727175	5	21.245	1524780	20.0