LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090820\
Data File : BM027359.D
Acq On : 08 Sep 2020 15:28
Operator : JU/CG
Sample : L3891-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW290

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-BM090420MA.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	3.134	22	25	32	rVB	35119	45220	0.86%	0.108%
2	3.757	128	131	141	rVB2	13916	25035	0.48%	0.060%
3	3.846	143	146	150	rVB2	9138	12007	0.23%	0.029%
4	4.357	230	233	238	rVB5	7910	12335	0.24%	0.029%
5	6.634	611	620	625	rBV	48609	100598	1.92%	0.240%
6	6.751	634	640	648	rBV	148332	245006	4.68%	0.586%
7	6.910	661	667	678	rBV	397147	618774	11.82%	1.479%
8	7.110	694	701	710	rBV	473522	762917	14.58%	1.823%
9	7.228	717	721	726	rVB6	3421	5704	0.11%	0.014%
10	7.569	772	779	787	rBV	422456	649167	12.41%	1.552%
11	7.645	789	792	795	rBV4	5041	5267	0.10%	0.013%
12	8.169	876	881	887	rBV3	16777	28718	0.55%	0.069%
13	8.275	891	899	908	rBV	403204	636142	12.16%	1.520%
14	8.710	966	973	986	rBV	551697	877627	16.77%	2.098%
15	8.881	993	1002	1009	rBV	74856	140173	2.68%	0.335%
16	9.428	1088	1095	1107	rBV	498946	789070	15.08%	1.886%
17	9.704	1134	1142	1149	rBV	35165	65675	1.26%	0.157%
18	9.963	1179	1186	1196	rBV	722350	1196083	22.86%	2.859%
19	10.151	1214	1218	1224	rVB6	3651	6485	0.12%	0.015%
20	10.339	1243	1250	1258	rBV	543289	894177	17.09%	2.137%
21	10.475	1266	1273	1287	rBV	80276	153611	2.94%	0.367%
22	10.986	1354	1360	1365	rBV4	6931	13003	0.25%	0.031%
23	11.163	1384	1390	1397	rBV2	32600	55634	1.06%	0.133%
24	11.933	1517	1521	1526	rBV	9245	14876	0.28%	0.036%
25	12.504	1612	1618	1624	rBV6	3622	6398	0.12%	0.015%
26	12.574	1624	1630	1635	rVV5	3543	6748	0.13%	0.016%
27	12.827	1668	1673	1676	rBV3	4313	5751	0.11%	0.014%
28	13.057	1706	1712	1718	rBV	68854	96051	1.84%	0.230%
29	13.127	1720	1724	1730	rVV4	7582	12635	0.24%	0.030%
30	13.627	1802	1809	1814	rBV	1643393	2160827	41.29%	5.164%
31	13.674	1814	1817	1829	rVV	175190	229609	4.39%	0.549%
32	13.774	1829	1834	1843	rVB5	5256	13174	0.25%	0.031%
33	13.898	1848	1855	1866	rBV	1600017	2218132	42.39%	5.301%
34	14.210	1901	1908	1916	rBV	970166	1390156	26.57%	3.322%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090820\
Data File : BM027359.D
Acq On : 08 Sep 2020 15:28
Operator : JU/CG
Sample : L3891-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW290

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-BM090420MA.M
Title : SVOA CALIBRATION

35	14.421	1937	1944	1958	rBV	146499	277894	5.31%	0.664%
36	14.657	1980	1984	1989	rVB4	21499	29030	0.55%	0.069%
37	14.974	2032	2038	2043	rBV	76409	98286	1.88%	0.235%
38	15.045	2045	2050	2056	rBV3	20041	29149	0.56%	0.070%
39	15.210	2071	2078	2088	rBV	2215748	3064546	58.56%	7.324%
40	15.333	2093	2099	2109	rBV	864060	1164342	22.25%	2.783%
41	15.445	2114	2118	2124	rVB2	25950	38174	0.73%	0.091%
42	15.851	2183	2187	2191	rVB2	6592	7012	0.13%	0.017%
43	15.992	2207	2211	2216	rVB3	8121	13396	0.26%	0.032%
44	16.386	2275	2278	2282	rBV4	5192	6843	0.13%	0.016%
45	16.633	2315	2320	2324	rBV6	4065	6032	0.12%	0.014%
46	16.745	2333	2339	2341	rBV6	7562	11877	0.23%	0.028%
47	16.768	2341	2343	2349	rVV3	7369	10729	0.21%	0.026%
48	16.833	2351	2354	2362	rVB4	7578	11648	0.22%	0.028%
49	16.956	2369	2375	2383	rBV	1337850	1841557	35.19%	4.401%
50	17.056	2385	2392	2403	rVV	2803931	3741151	71.49%	8.941%
51	17.151	2407	2408	2416	rVB7	4767	9796	0.19%	0.023%
52	17.262	2422	2427	2432	rBV	10633	14774	0.28%	0.035%
53	17.886	2526	2533	2540	rBV	605353	849787	16.24%	2.031%
54	18.345	2607	2611	2615	rBV7	5746	10310	0.20%	0.025%
55	18.627	2655	2659	2661	rBV5	3936	5832	0.11%	0.014%
56	18.756	2678	2681	2685	rBV6	3572	5890	0.11%	0.014%
57	18.992	2717	2721	2723	rBV	31898	44228	0.85%	0.106%
58	19.021	2723	2726	2728	rVV3	31060	40147	0.77%	0.096%
59	19.045	2728	2730	2734	rVV5	19396	26976	0.52%	0.064%
60	19.103	2737	2740	2746	rVB2	43926	48472	0.93%	0.116%
61	19.174	2746	2752	2760	rBV	441892	638051	12.19%	1.525%
62	19.239	2761	2763	2772	rVB	45318	78591	1.50%	0.188%
63	19.356	2777	2783	2790	rVB	3794878	4977562	95.12%	11.896%
64	19.903	2874	2876	2881	rBV5	14146	16027	0.31%	0.038%
65	20.897	3041	3045	3056	rBV	504618	651056	12.44%	1.556%
66	21.156	3084	3089	3096	rBV	2099673	2548013	48.69%	6.090%
67	22.274	3276	3279	3284	rVB	213167	275612	5.27%	0.659%
68	23.191	3429	3435	3443	rBV	2996154	5232824	100.00%	12.506%
69	23.327	3452	3458	3470	rVB2	1388186	2522755	48.21%	6.029%

Sum of corrected areas: 41841154

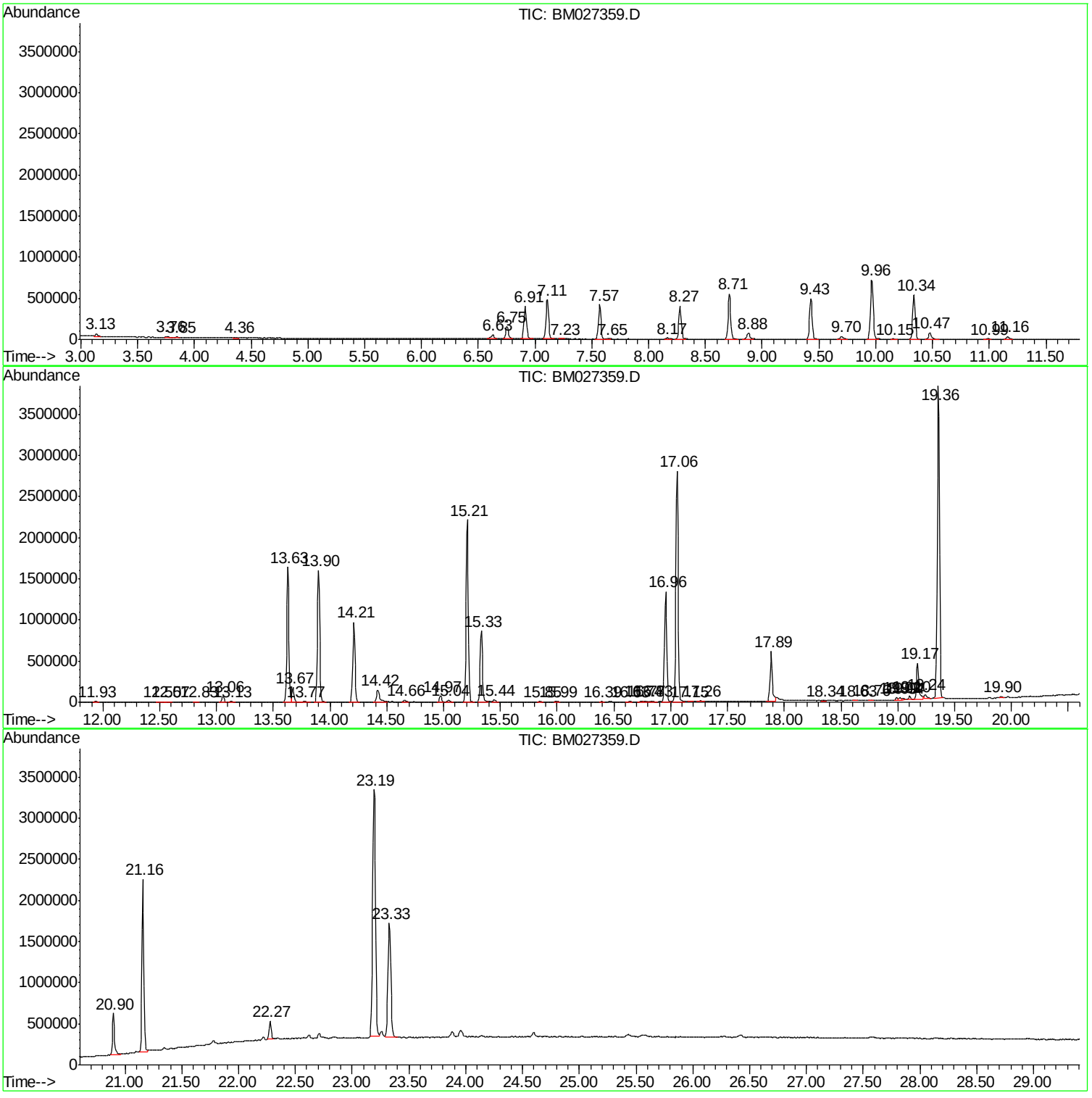
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090820\
Data File : BM027359.D
Acq On : 08 Sep 2020 15:28
Operator : JU/CG
Sample : L3891-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW290

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.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\BM090820\
Data File : BM027359.D
Acq On : 08 Sep 2020 15:28
Operator : JU/CG
Sample : L3891-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW290

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

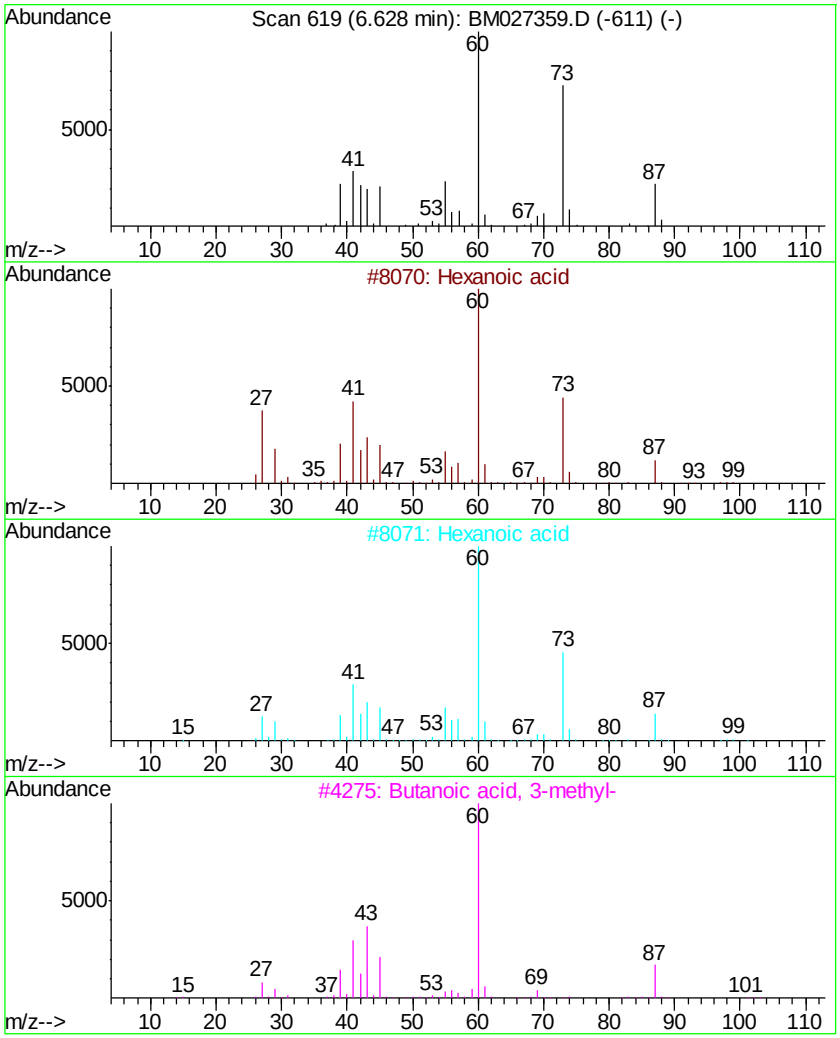
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

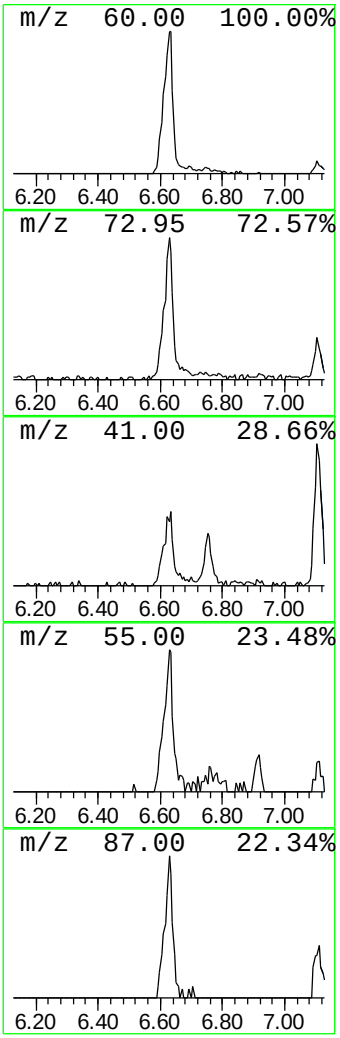
****

Peak Number 1 Hexanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	3.10 ng/ul	100598	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	83
2	Hexanoic acid	116	C6H12O2	000142-62-1	83
3	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	72
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	72
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090820\
Data File : BM027359.D
Acq On : 08 Sep 2020 15:28
Operator : JU/CG
Sample : L3891-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW290

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

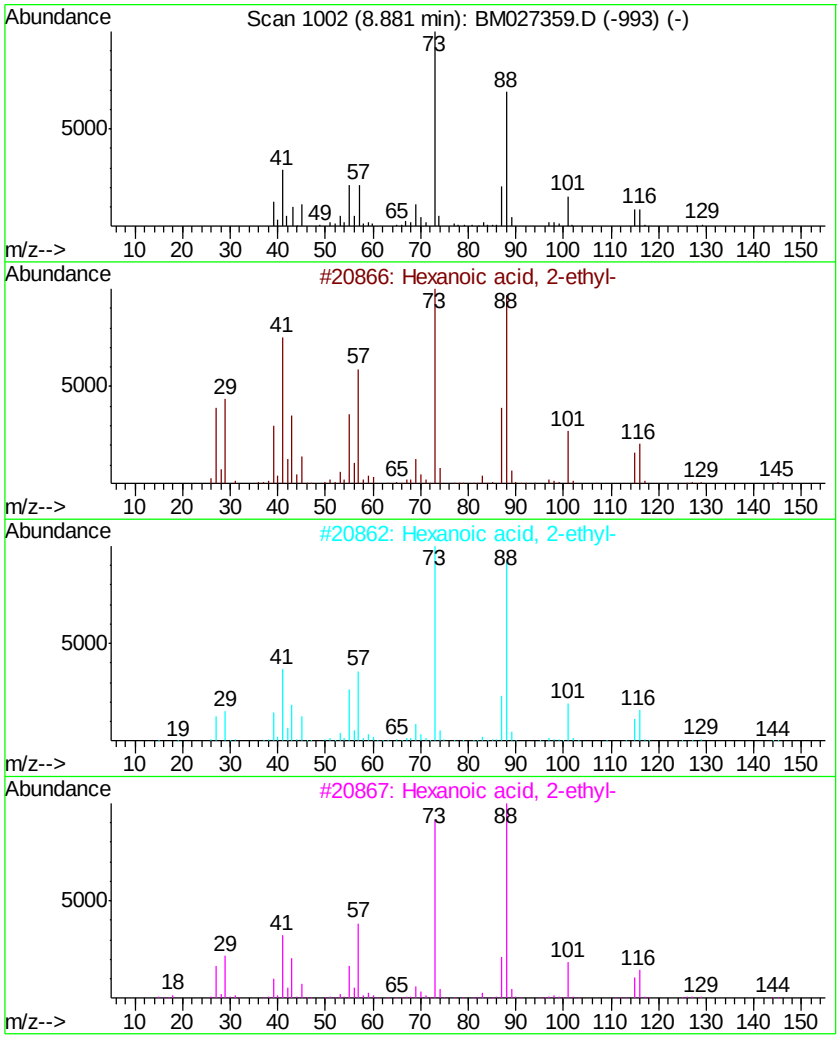
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

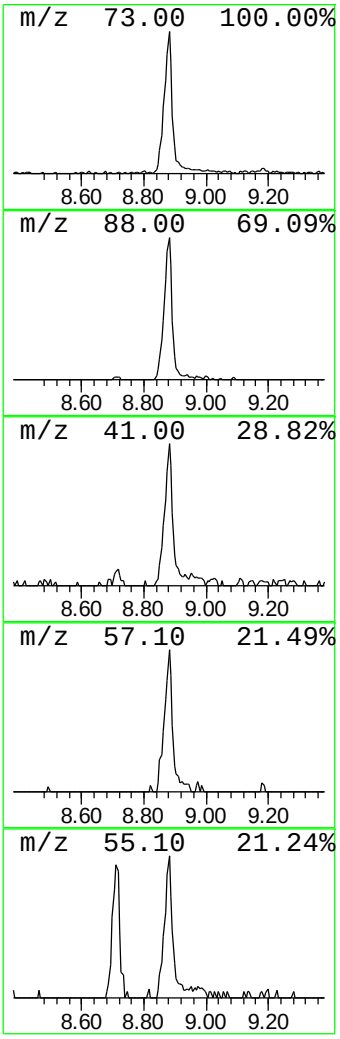
****

Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	4.32 ng/ul	140173	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	59
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	59
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50
4	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	40
5	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090820\
Data File : BM027359.D
Acq On : 08 Sep 2020 15:28
Operator : JU/CG
Sample : L3891-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW290

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

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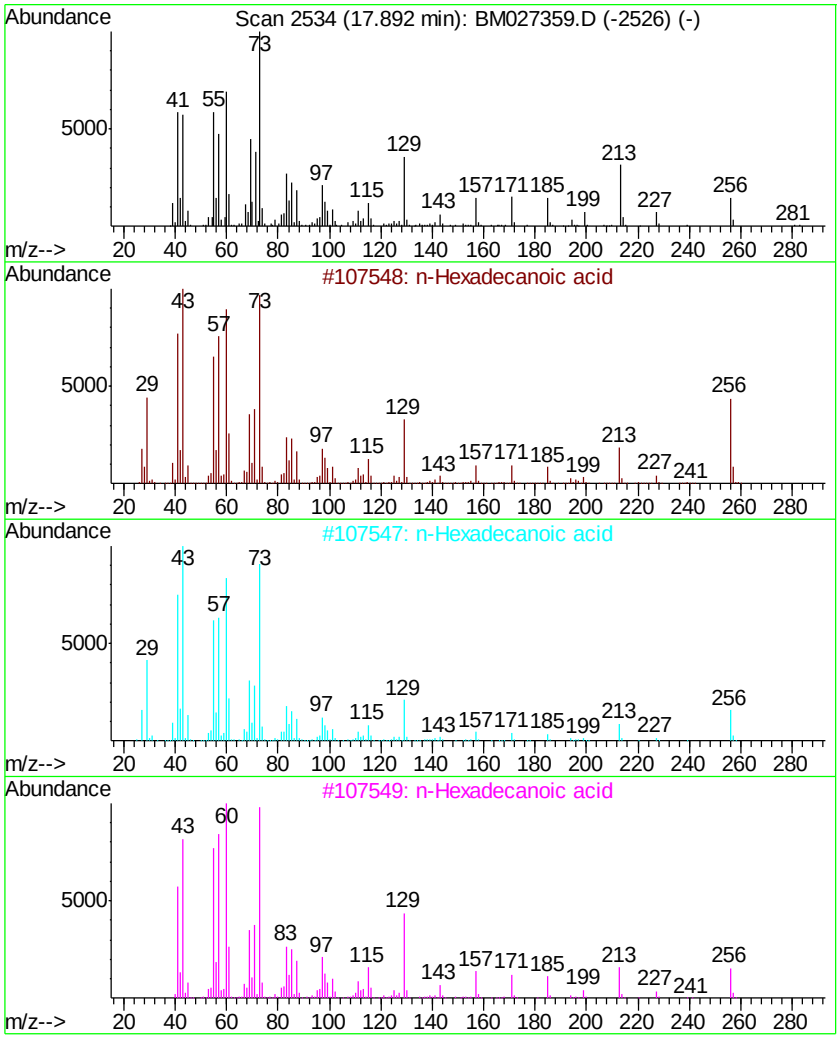
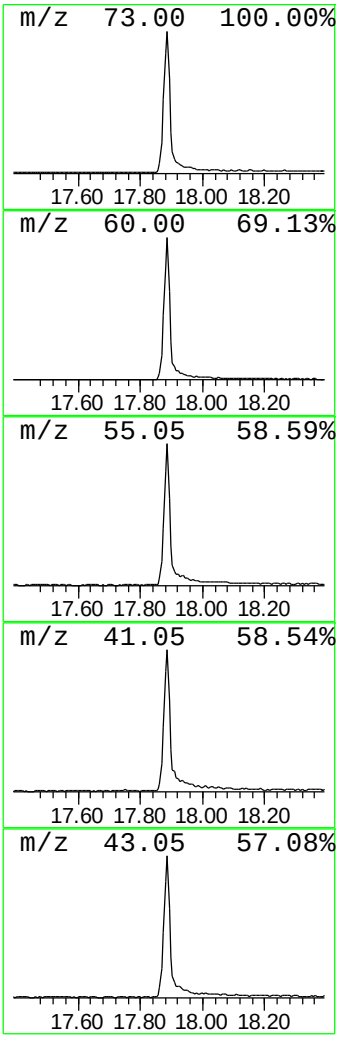
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	9.23 ng/ul	849787	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090820\
Data File : BM027359.D
Acq On : 08 Sep 2020 15:28
Operator : JU/CG
Sample : L3891-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW290

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

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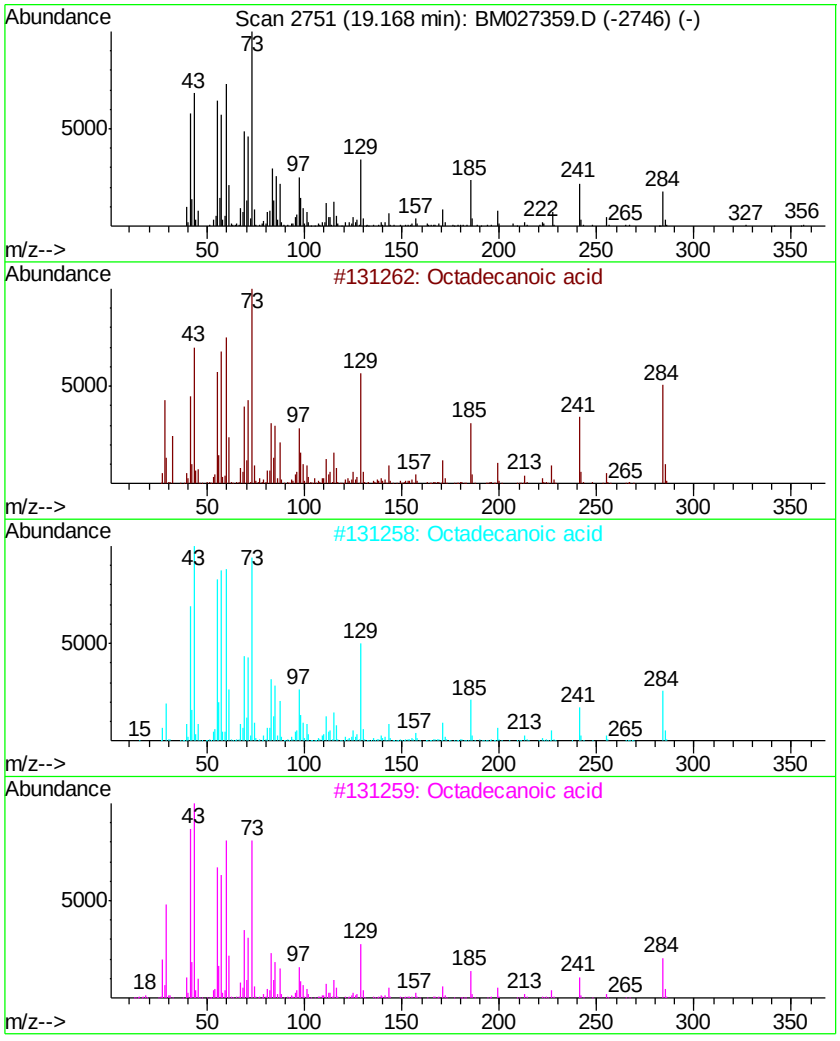
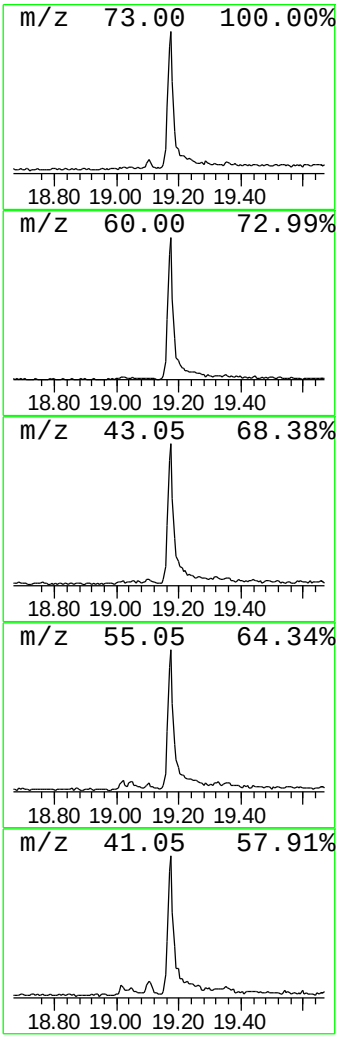
Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	5.01 ng/ul	638051	Chrysene-d12	21.16

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	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090820\
Data File : BM027359.D
Acq On : 08 Sep 2020 15:28
Operator : JU/CG
Sample : L3891-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW290

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

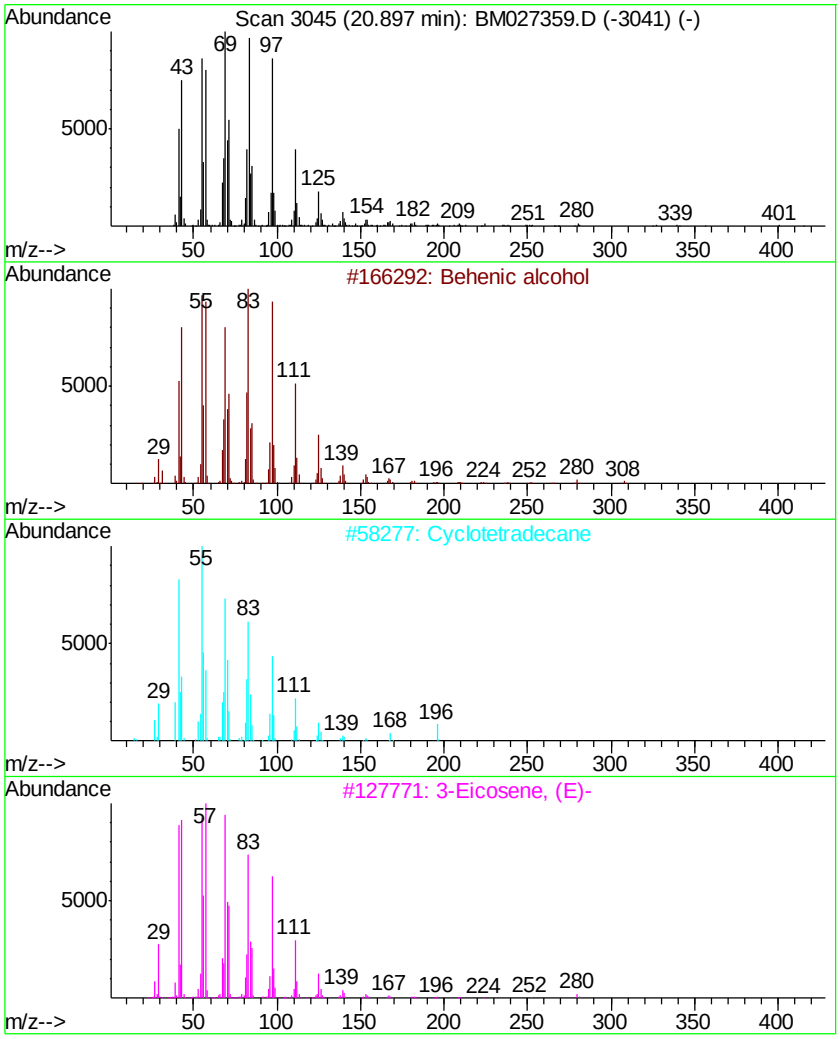
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

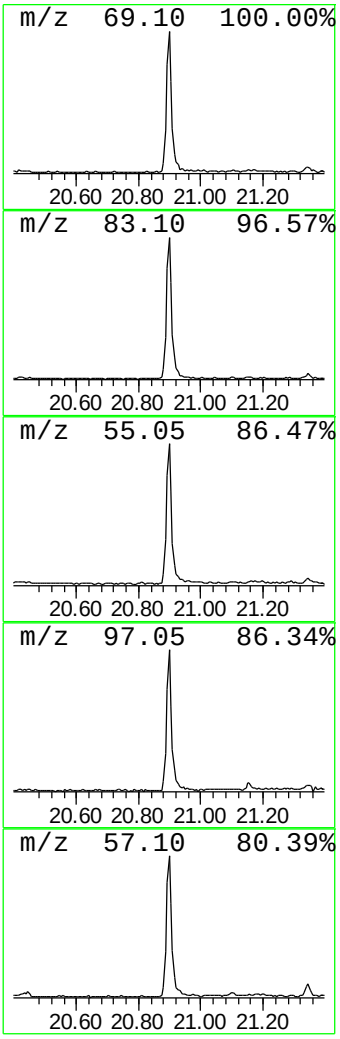
****

Peak Number 5 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	5.11 ng/ul	651056	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	93
2	Cyclotetradecane	196	C14H28	000295-17-0	93
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87
5	2-Methyl-7-nonadecene	280	C20H40	219750-68-2	83





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Data File : BM027359.D
Acq On : 08 Sep 2020 15:28
Operator : JU/CG
Sample : L3891-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW290

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

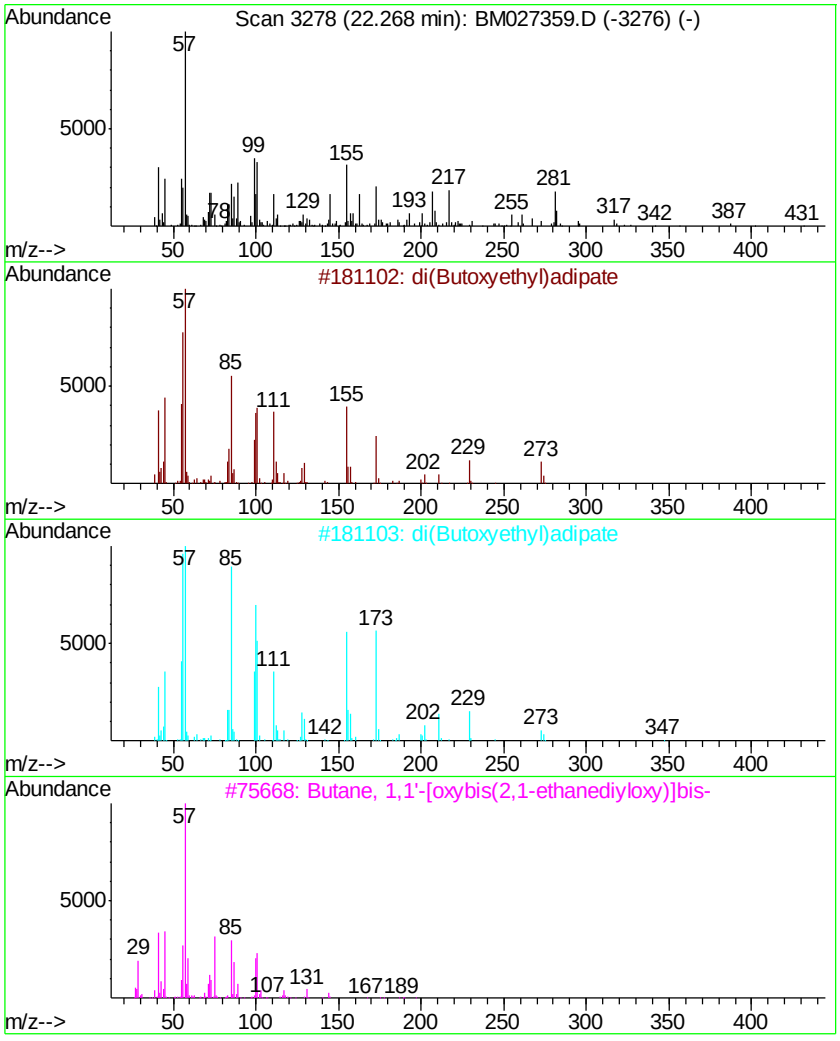
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

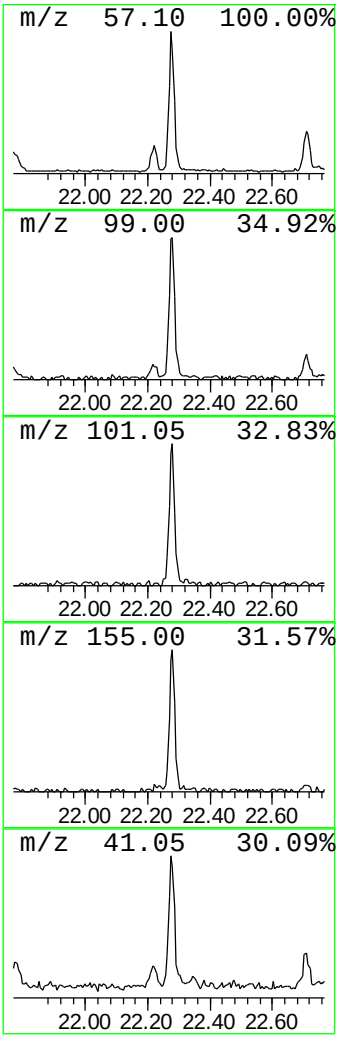
****

Peak Number 6 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	2.19 ng/ul	275612	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di(Butoxyethyl)adipate	346	C18H34O6	000141-18-4	17
2	di(Butoxyethyl)adipate	346	C18H34O6	000141-18-4	17
3	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	10
4	1-Decanamine	157	C10H23N	002016-57-1	10
5	Silane, tert-butyl[1-methoxy-3,3...	344	C15H31F3O3Si	136911-61-0	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM090820\
Data File : BM027359.D
Acq On : 08 Sep 2020 15:28
Operator : JU/CG
Sample : L3891-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW290

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.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
Hexanoic acid	6.63	3.1	ng/ul	100598	1	7.57	649167	20.0
Hexanoic acid, 2-...	8.88	4.3	ng/ul	140173	1	7.57	649167	20.0
n-Hexadecanoic acid	17.89	9.2	ng/ul	849787	4	16.96	1841560	20.0
Octadecanoic acid	19.17	5.0	ng/ul	638051	5	21.16	2548010	20.0
Behenic alcohol	20.90	5.1	ng/ul	651056	5	21.16	2548010	20.0
unknown-01	22.27	2.2	ng/ul	275612	6	23.33	2522760	20.0