LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033935.D
Acq On : 01 Feb 2022 12:35
Operator : CG/JU
Sample : N1273-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0HL0

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-BM013122.M
Title : SVOA CALIBRATION

Signal : TIC: BM033935.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.290	7	9	13	rVB	24551	26372	0.94%	0.098%
2	3.325	13	15	19	rVB2	10075	10206	0.36%	0.038%
3	3.725	80	83	97	rBV	59288	104171	3.72%	0.387%
4	4.060	137	140	144	rVB	6578	7658	0.27%	0.028%
5	4.601	225	232	244	rVB	1278854	1925488	68.71%	7.146%
6	5.007	298	301	306	rVB	5075	7562	0.27%	0.028%
7	7.084	646	654	665	rBV3	140520	249109	8.89%	0.925%
8	7.248	676	682	693	rVB	414908	661065	23.59%	2.454%
9	7.454	711	717	728	rVB	449030	695200	24.81%	2.580%
10	7.554	732	734	739	rVV4	2488	3030	0.11%	0.011%
11	7.925	791	797	804	rBV	153085	248379	8.86%	0.922%
12	7.995	804	809	815	rVB2	8172	12977	0.46%	0.048%
13	8.636	911	918	928	rBV	356388	566356	20.21%	2.102%
14	8.754	935	938	942	rVB4	3309	4814	0.17%	0.018%
15	9.089	988	995	1004	rBV	560630	901055	32.16%	3.344%
16	9.219	1011	1017	1022	rBV2	17011	29073	1.04%	0.108%
17	9.272	1024	1026	1030	rVB4	3980	4267	0.15%	0.016%
18	9.542	1062	1072	1078	rBV	64277	101178	3.61%	0.376%
19	9.819	1110	1119	1130	rBV	444100	752128	26.84%	2.791%
20	10.354	1204	1210	1223	rBV	607311	1042030	37.19%	3.867%
21	10.519	1232	1238	1250	rBV	47261	87957	3.14%	0.326%
22	10.683	1263	1266	1269	rBV2	3149	3837	0.14%	0.014%
23	10.742	1269	1276	1283	rVB	214984	368283	13.14%	1.367%
24	10.813	1283	1288	1291	rBV4	3376	4744	0.17%	0.018%
25	10.872	1291	1298	1318	rBV	550994	954907	34.08%	3.544%
26	11.471	1397	1400	1403	rBV4	2632	3232	0.12%	0.012%
27	12.036	1491	1496	1502	rVB	29058	40963	1.46%	0.152%
28	12.177	1515	1520	1522	rBV4	2912	4439	0.16%	0.016%
29	12.213	1522	1526	1530	rVV4	2558	4635	0.17%	0.017%
30	12.266	1533	1535	1538	rVV3	2964	3933	0.14%	0.015%
31	12.330	1541	1546	1553	rVB	11172	18477	0.66%	0.069%
32	13.118	1677	1680	1685	rVB4	2082	2832	0.10%	0.011%
33	13.183	1688	1691	1697	rBV5	4248	7114	0.25%	0.026%
34	13.401	1723	1728	1733	rVV2	12539	19008	0.68%	0.071%
35	13.471	1737	1740	1745	rVV4	2944	4492	0.16%	0.017%
36	13.542	1747	1752	1755	rBV4	1999	2984	0.11%	0.011%

LSC Area Percent Report

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Acq On : 01 Feb 2022 12:35
Operator : CG/JU
Sample : N1273-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0HL0

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-BM013122.M
Title : SVOA CALIBRATION

37	13.977	1819	1826	1831	rBV	1309292	1813182	64.71%	6.730%
38	14.218	1862	1867	1868	rBV2	12492	15491	0.55%	0.057%
39	14.260	1868	1874	1884	rVB	1480777	2066850	73.76%	7.671%
40	14.471	1906	1910	1915	rVB2	8785	11566	0.41%	0.043%
41	14.565	1919	1926	1936	rVB	346781	505348	18.03%	1.876%
42	14.754	1953	1958	1978	rBV2	52982	133276	4.76%	0.495%
43	15.154	2022	2026	2029	rBV4	2871	3632	0.13%	0.013%
44	15.201	2029	2034	2039	rVB3	7125	10606	0.38%	0.039%
45	15.371	2057	2063	2067	rBV5	6220	10778	0.38%	0.040%
46	15.418	2067	2071	2077	rVB4	9098	11474	0.41%	0.043%
47	15.554	2087	2094	2107	rBV	1784559	2583463	92.19%	9.588%
48	15.665	2107	2113	2129	rVV	616393	826242	29.49%	3.067%
49	15.795	2131	2135	2139	rVV2	9914	15083	0.54%	0.056%
50	15.912	2153	2155	2159	rBV3	2447	2891	0.10%	0.011%
51	15.965	2161	2164	2167	rVV3	4589	5917	0.21%	0.022%
52	16.001	2167	2170	2174	rVB4	6345	7784	0.28%	0.029%
53	16.036	2174	2176	2180	rVB4	2193	2961	0.11%	0.011%
54	16.106	2183	2188	2194	rBV9	3667	9187	0.33%	0.034%
55	16.230	2206	2209	2213	rVV5	5661	7961	0.28%	0.030%
56	16.277	2213	2217	2219	rVV4	9052	11850	0.42%	0.044%
57	16.301	2219	2221	2224	rVV2	4429	6046	0.22%	0.022%
58	16.336	2224	2227	2231	rVB5	4406	5870	0.21%	0.022%
59	16.448	2242	2246	2250	rBV6	6658	10455	0.37%	0.039%
60	16.612	2270	2274	2279	rBV6	4037	7280	0.26%	0.027%
61	16.777	2300	2302	2304	rBV3	3768	4431	0.16%	0.016%
62	16.812	2304	2308	2311	rVV2	9583	12909	0.46%	0.048%
63	16.848	2311	2314	2319	rVV5	2161	3248	0.12%	0.012%
64	16.906	2319	2324	2327	rVV4	2334	3746	0.13%	0.014%
65	17.024	2340	2344	2346	rBV4	2529	3812	0.14%	0.014%
66	17.065	2347	2351	2357	rVV4	10388	16612	0.59%	0.062%
67	17.118	2357	2360	2365	rVB5	7102	9910	0.35%	0.037%
68	17.224	2374	2378	2382	rVB6	5632	7135	0.25%	0.026%
69	17.301	2385	2391	2399	rBV	394456	565009	20.16%	2.097%
70	17.401	2401	2408	2422	rBV	2015948	2747995	98.07%	10.199%
71	17.612	2439	2444	2445	rBV5	3233	4879	0.17%	0.018%
72	17.689	2450	2457	2462	rBV10	7168	16944	0.60%	0.063%
73	17.806	2474	2477	2480	rVB4	4650	4866	0.17%	0.018%
74	17.877	2486	2489	2493	rVB3	8059	10340	0.37%	0.038%
75	17.977	2501	2506	2510	rBV	55884	68569	2.45%	0.254%
76	18.089	2523	2525	2529	rBV4	2060	3197	0.11%	0.012%

LSC Area Percent Report

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Acq On : 01 Feb 2022 12:35
Operator : CG/JU
Sample : N1273-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0HL0

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-BM013122.M
Title : SVOA CALIBRATION

77	18.195	2539	2543	2550	rBV3	36613	53508	1.91%	0.199%
78	18.459	2584	2588	2590	rBV5	3052	3654	0.13%	0.014%
79	18.495	2590	2594	2596	rBV5	5322	7680	0.27%	0.029%
80	18.818	2646	2649	2654	rVB3	10586	13174	0.47%	0.049%
81	19.053	2685	2689	2696	rBV9	12256	27275	0.97%	0.101%
82	19.142	2702	2704	2705	rBV2	6854	5308	0.19%	0.020%
83	19.253	2719	2723	2727	rBV2	22892	34403	1.23%	0.128%
84	19.324	2731	2735	2738	rBV	18517	25447	0.91%	0.094%
85	19.471	2756	2760	2763	rBV6	14460	20948	0.75%	0.078%
86	19.606	2779	2783	2787	rBV3	45914	55499	1.98%	0.206%
87	19.683	2790	2796	2807	rBV	2068541	2802189	100.00%	10.400%
88	21.177	3047	3050	3054	rBV5	42997	58116	2.07%	0.216%
89	21.465	3094	3099	3108	rBV	351423	508747	18.16%	1.888%
90	22.353	3247	3250	3257	rVB2	152392	187810	6.70%	0.697%
91	23.700	3472	3479	3486	rBV2	1175102	2255300	80.48%	8.370%
92	23.853	3500	3505	3514	rVB2	216384	431875	15.41%	1.603%

Sum of corrected areas: 26943683

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
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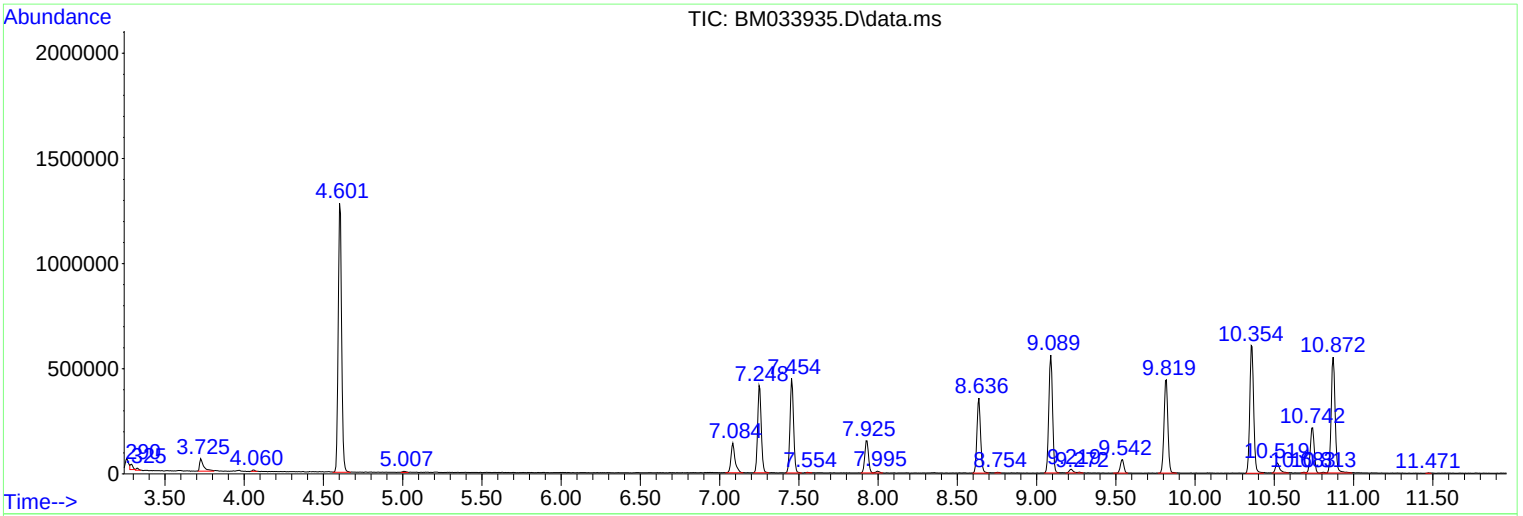
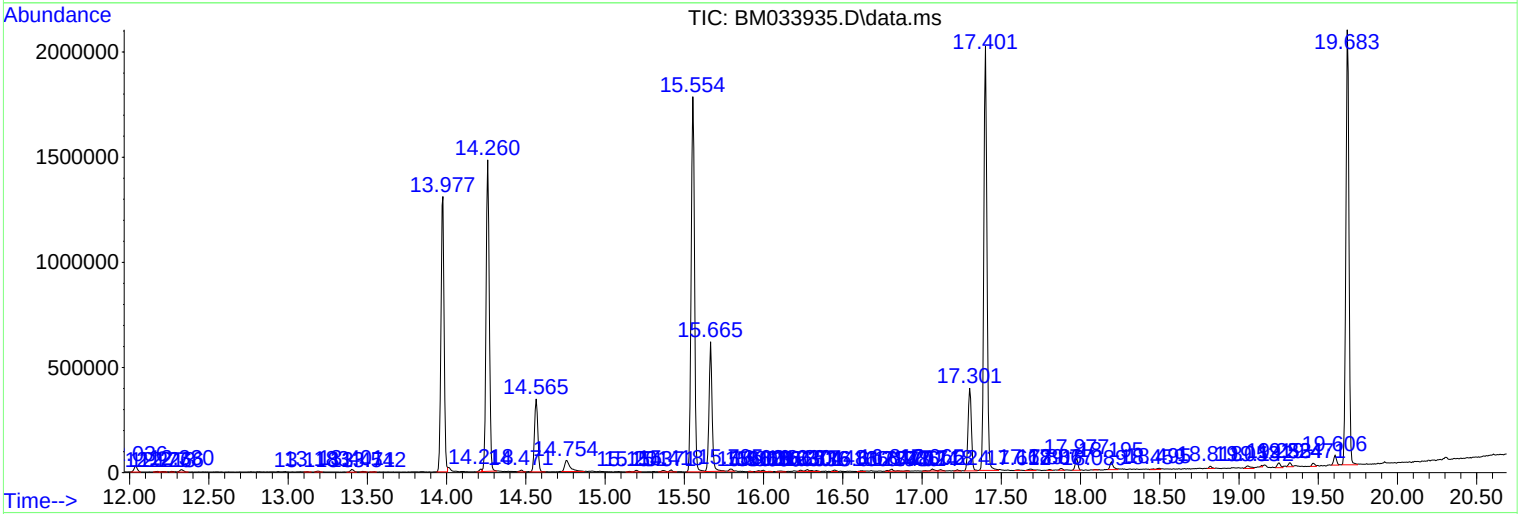
Operator : CG/JU
Sample : N1273-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

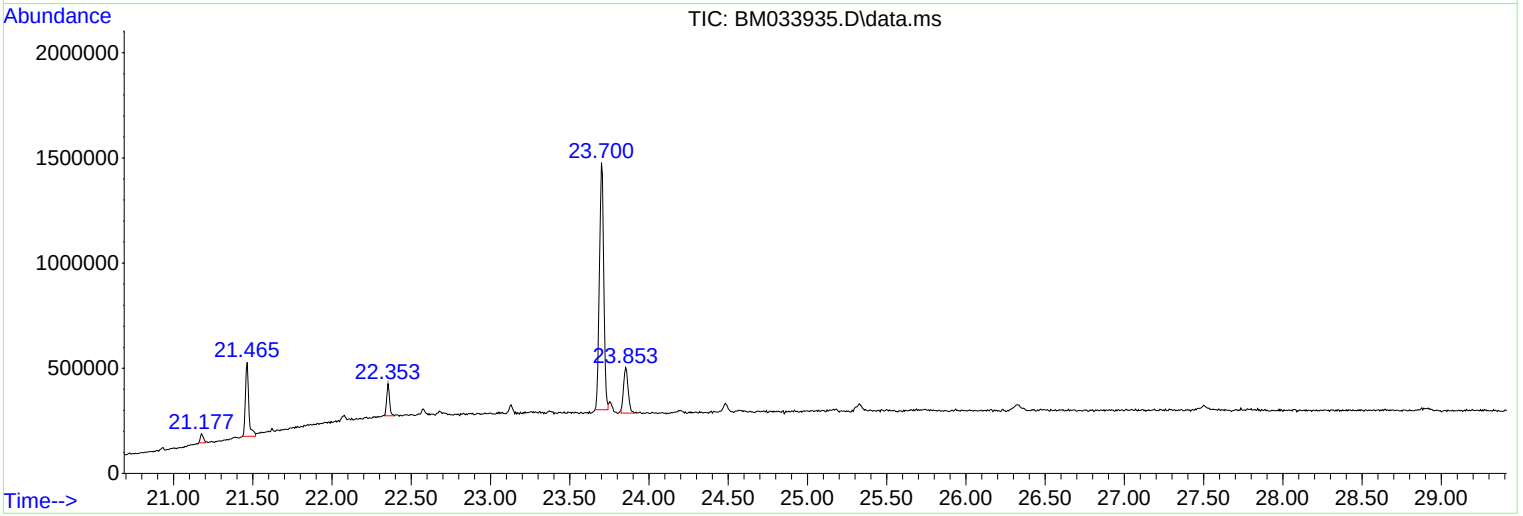
Instrument :
BNA_M
ClientSampleId :
C0HL0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033935.D
Acq On : 01 Feb 2022 12:35
Operator : CG/JU
Sample : N1273-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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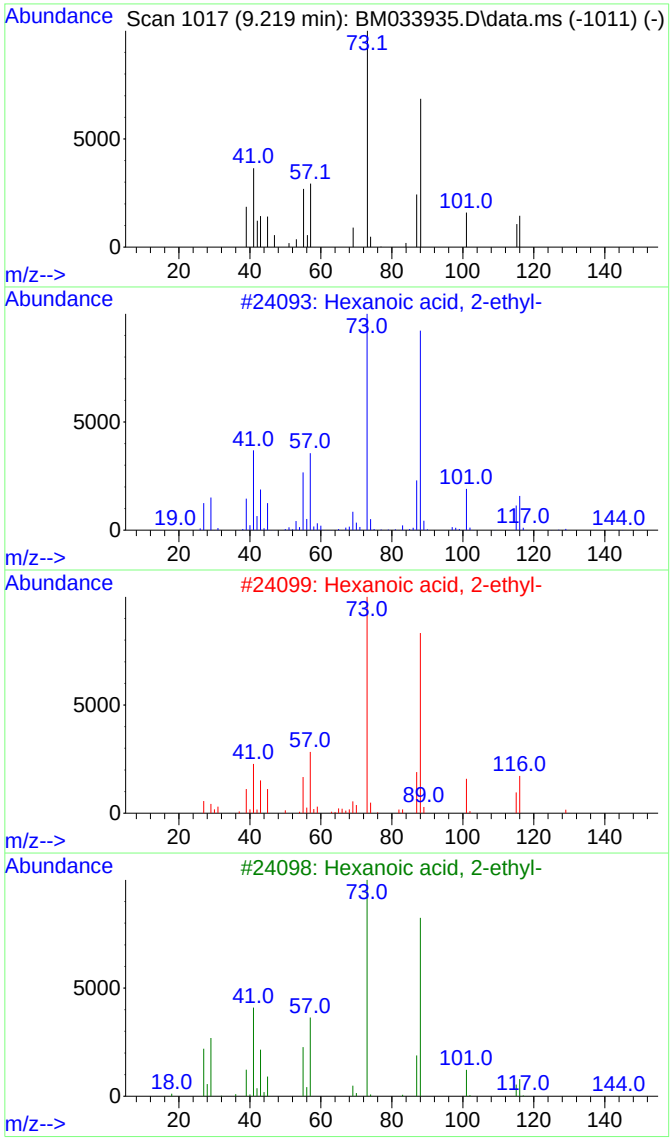
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

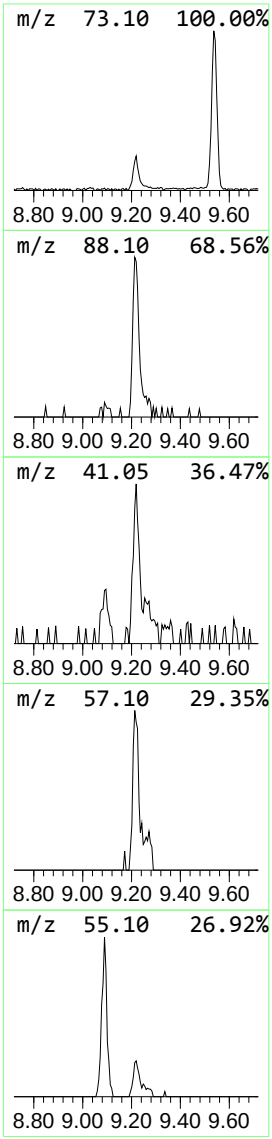
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.219	2.34 ng/ul	29073	1,4-Dichlorobenzene-d4	7.931

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	59
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	53
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033935.D
Acq On : 01 Feb 2022 12:35
Operator : CG/JU
Sample : N1273-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0HL0

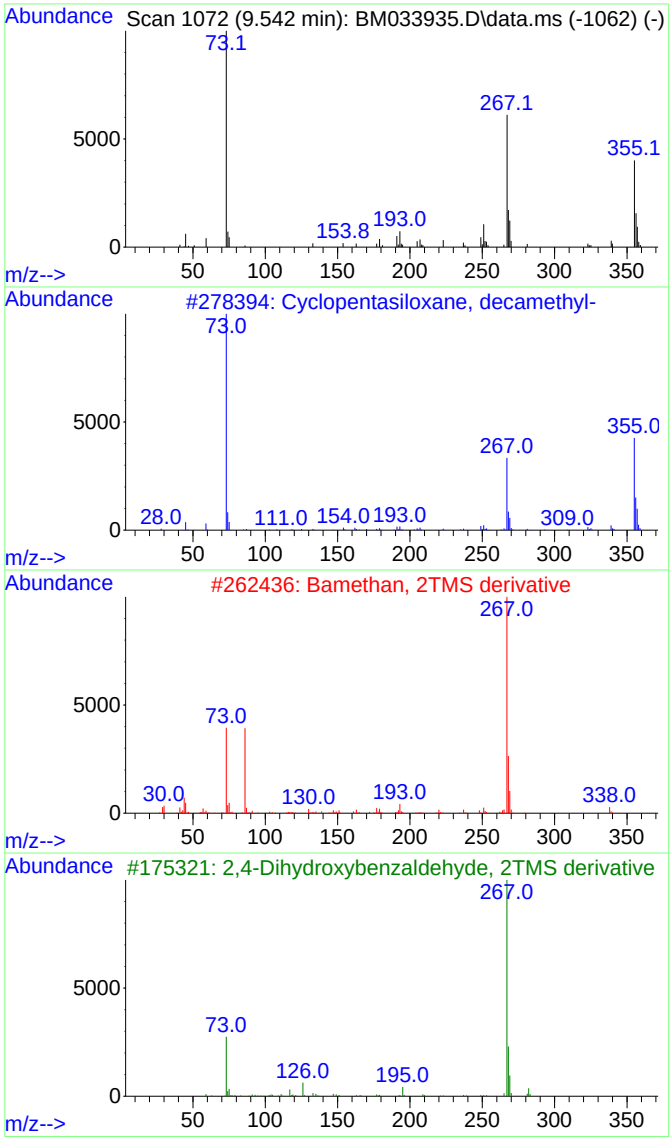
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

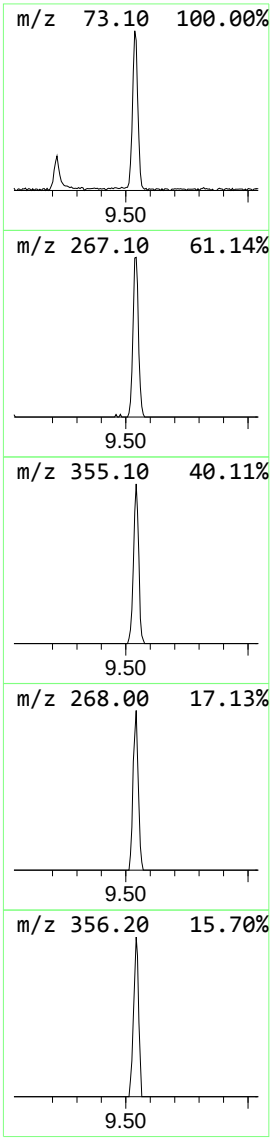
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopentasiloxane, decamet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.542	5.49 ng/ul	101178	Naphthalene-d8	10.742

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	Bamethan, 2TMS derivative	353	C18H35NO2Si2	040629-66-1	38
3	2,4-Dihydroxybenzaldehyde, 2TMS ...	282	C13H22O3Si2	033617-38-8	38
4	2,5-Dihydroxybenzaldehyde, 2TMS ...	282	C13H22O3Si2	056114-69-3	38
5	N-(Trifluoroacetyl)-N,O,O',O''-t...	553	C22H42F3NO4Si4	1000072-26-7	38





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Data File : BM033935.D
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Sample : N1273-12
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BNA_M
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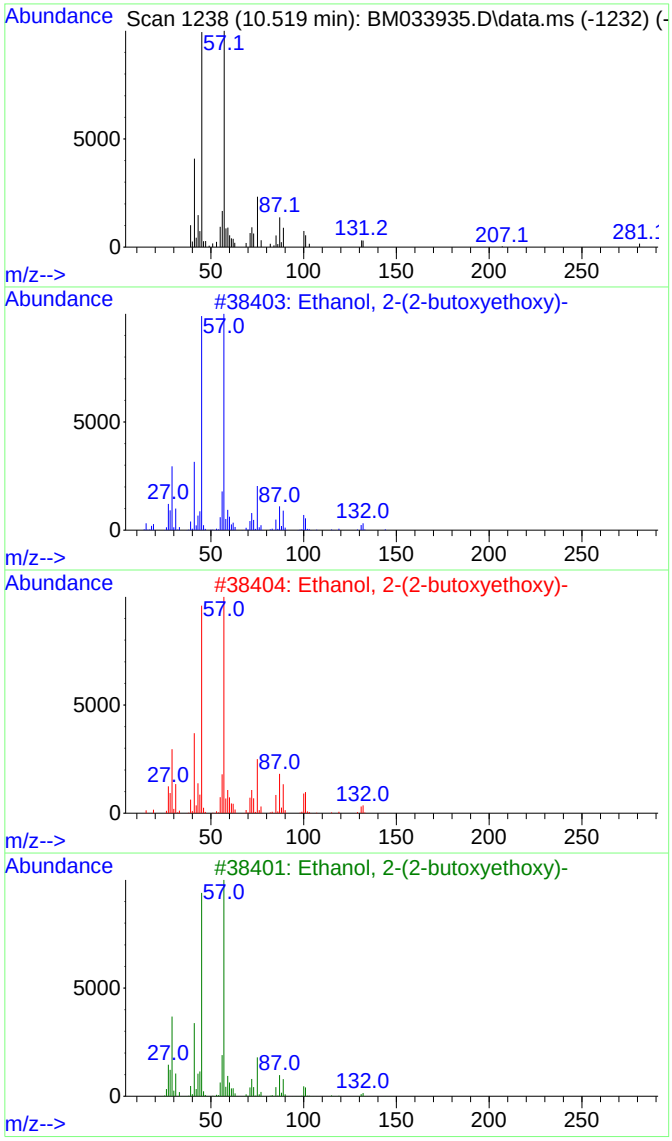
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

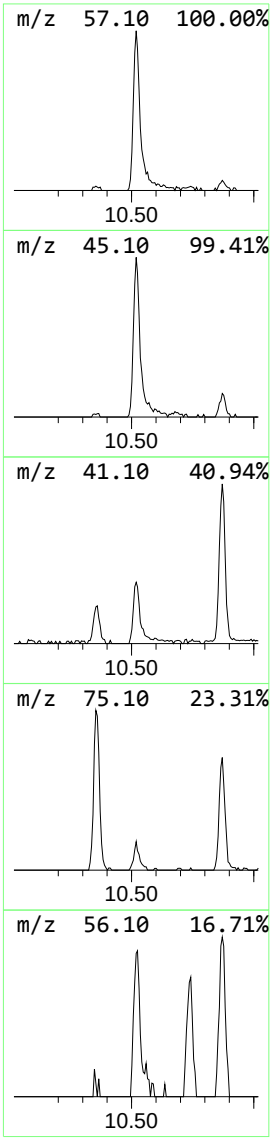
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.519	4.78 ng/ul	87957	Naphthalene-d8	10.742

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64





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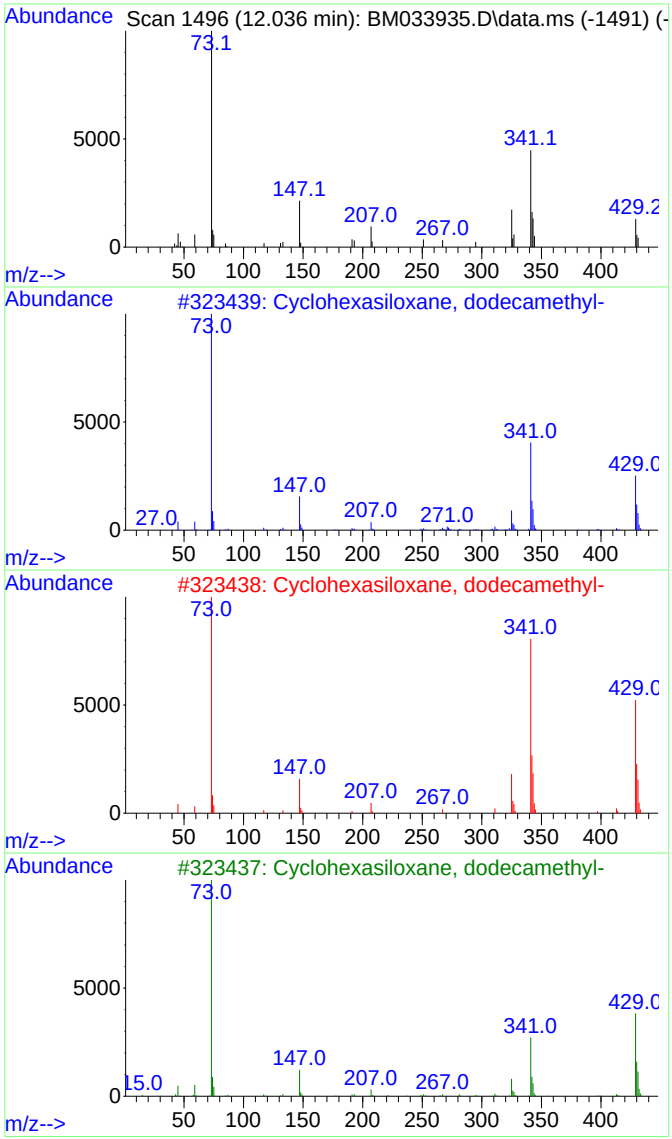
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

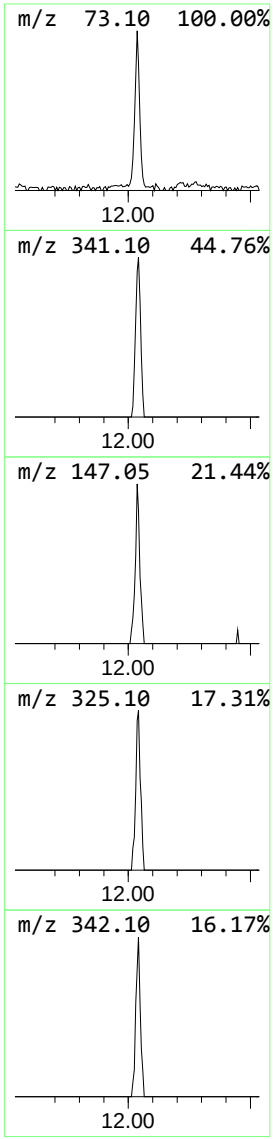
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclohexasiloxane, dodecame... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.036	2.22 ng/ul	40963	Naphthalene-d8	10.742

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	90
2	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	78
3	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	50
4	4-Amino-1,2-benzenediol, O,O',N-...	341	C15H31NO2Si3	1000493-87-4	40
5	[(6-Ethoxy-1,3-benzothiazol-2-yl...	341	C14H19NO3S2Si	1000477-11-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033935.D
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Operator : CG/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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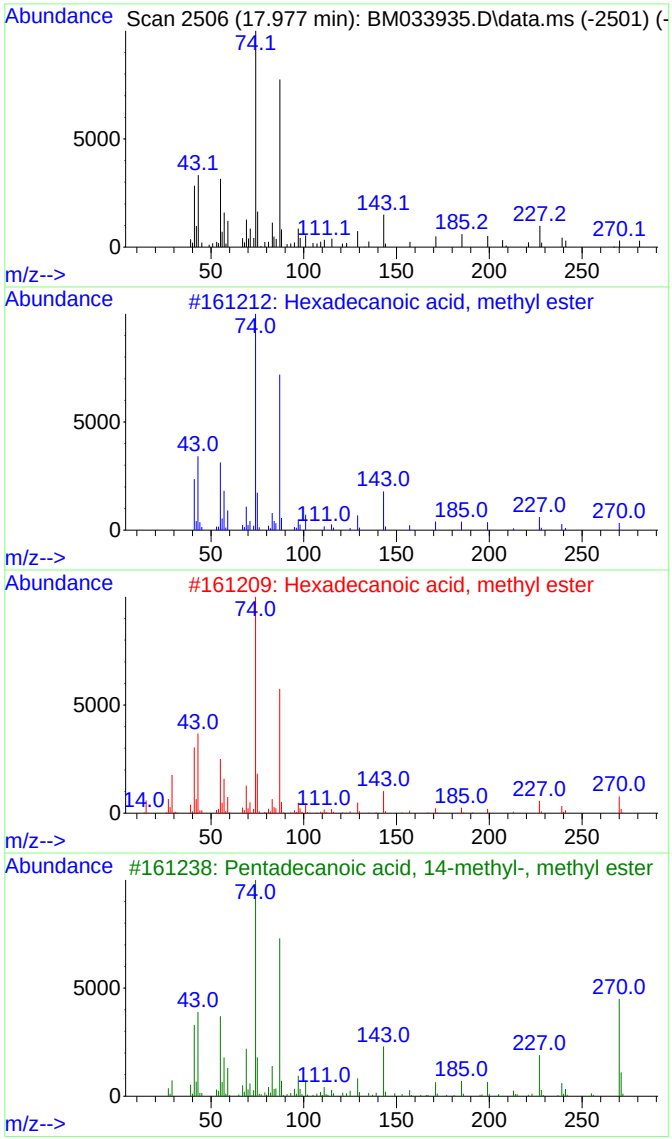
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

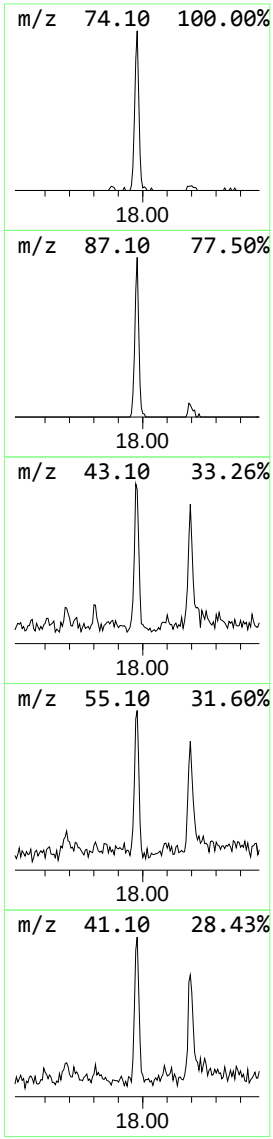
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.977	2.43 ng/ul	68569	Phenanthrene-d10	17.301

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96





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Data File : BM033935.D
Acq On : 01 Feb 2022 12:35
Operator : CG/JU
Sample : N1273-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0HL0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

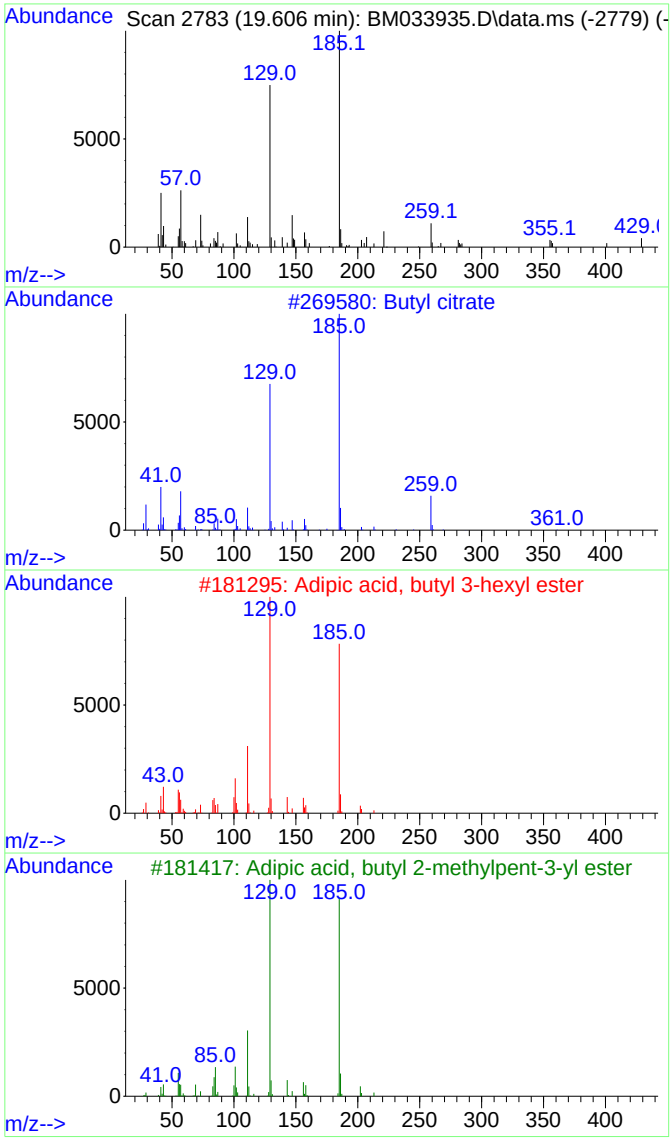
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

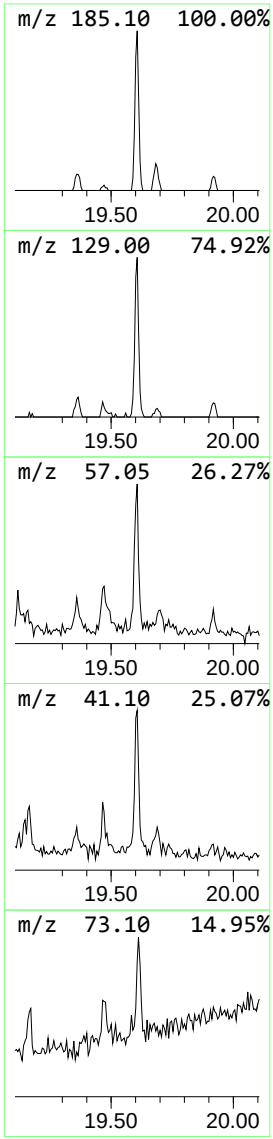
****

Peak Number 7 Butyl citrate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.606	2.18 ng/ul	55499	Chrysene-d12	21.465

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	80
2	Adipic acid, butyl 3-hexyl ester	286	C16H30O4	1000353-62-3	64
3	Adipic acid, butyl 2-methylpent-...	286	C16H30O4	1010353-55-8	64
4	Adipic acid, isobutyl trans-2-me...	298	C17H30O4	1000324-74-5	50
5	Adipic acid, butyl 3-pentyl ester	272	C15H28O4	1000324-60-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033935.D
Acq On : 01 Feb 2022 12:35
Operator : CG/JU
Sample : N1273-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0HL0

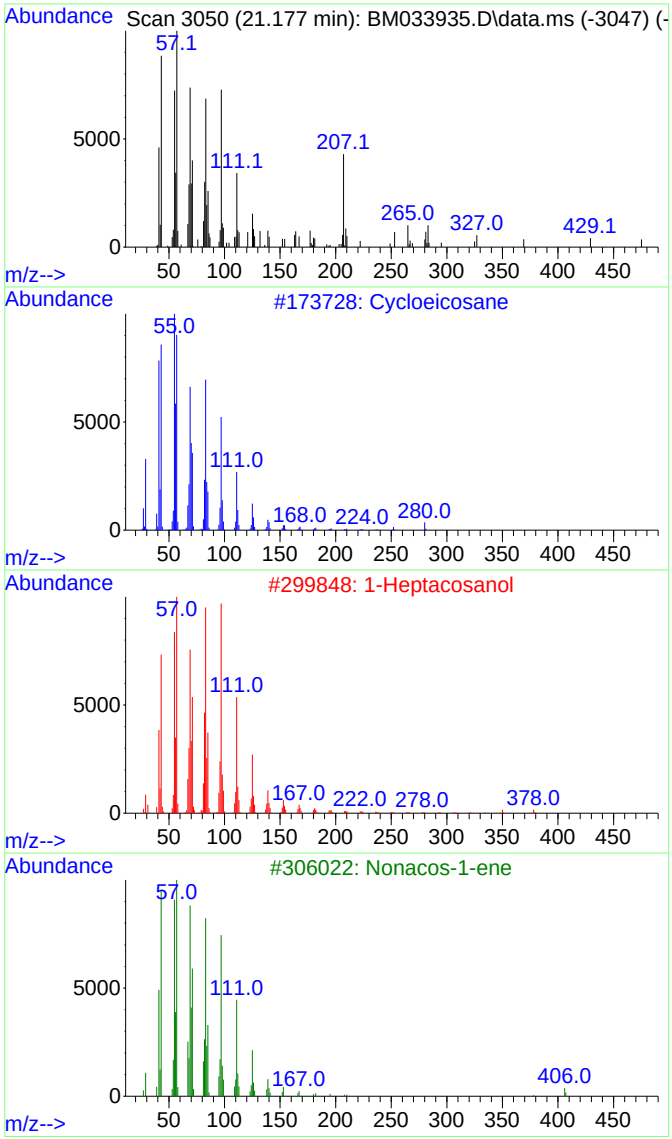
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

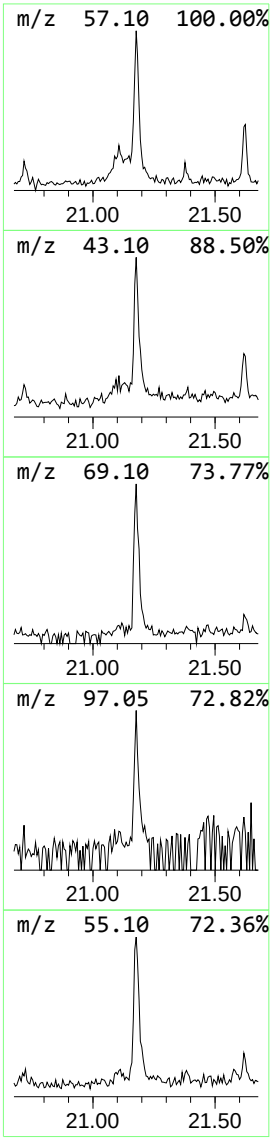
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic21.177 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.177	2.28 ng/ul	58116	Chrysene-d12	21.465

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	86
2	1-Heptacosanol	396	C27H56O	002004-39-9	76
3	Nonacos-1-ene	406	C29H58	018835-35-3	76
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	76
5	1-Hexacosanol	382	C26H54O	000506-52-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033935.D
Acq On : 01 Feb 2022 12:35
Operator : CG/JU
Sample : N1273-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0HL0

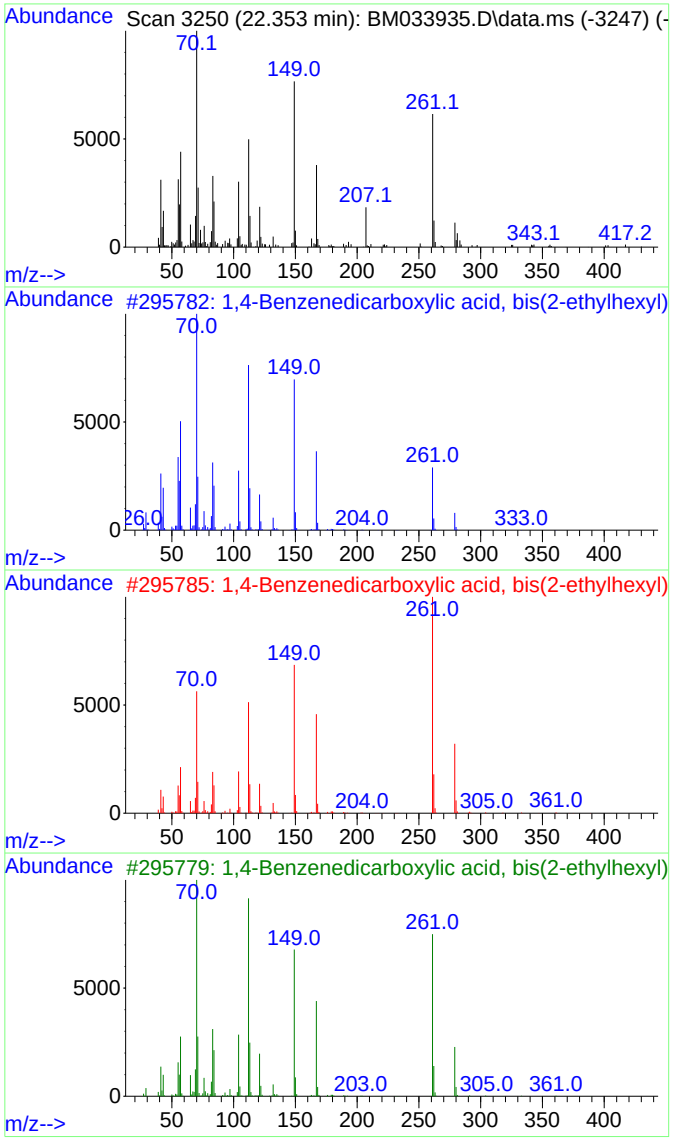
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

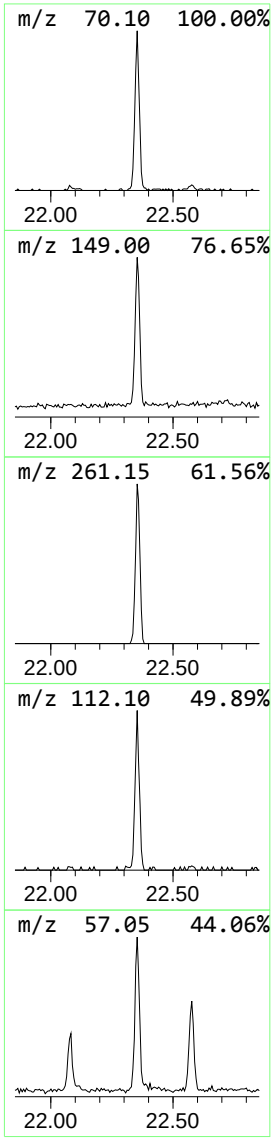
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,4-Benzenedicarboxylic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.353	7.38 ng/ul	187810	Chrysene-d12	21.465

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	72
2	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	64
3	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	58
4	Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	53
5	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033935.D
Acq On : 01 Feb 2022 12:35
Operator : CG/JU
Sample : N1273-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0HL0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.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
Hexanoic acid, ...	9.219	2.3	ng/ul	29073	1	7.931	248379	20.0
Cyclopentasilox...	9.542	5.5	ng/ul	101178	2	10.742	368283	20.0
Ethanol, 2-(2-b...	10.519	4.8	ng/ul	87957	2	10.742	368283	20.0
Cyclohexasiloxa...	12.036	2.2	ng/ul	40963	2	10.742	368283	20.0
Hexadecanoic ac...	17.977	2.4	ng/ul	68569	4	17.301	565009	20.0
Butyl citrate	19.606	2.2	ng/ul	55499	5	21.465	508747	20.0
(DEL) Alkane: C...	21.177	2.3	ng/ul	58116	5	21.465	508747	20.0
1,4-Benzenedica...	22.353	7.4	ng/ul	187810	5	21.465	508747	20.0