LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102921\
Data File : BP007786.D
Acq On : 29 Oct 2021 17:02
Operator : CG/JU
Sample : M4282-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY83

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_P\METHODS\SFAM-EPA-BP102521.M
Title : SVOA CALIBRATION

Signal : TIC: BP007786.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.340	5	9	11	rBV	34987	50084	0.92%	0.107%
2	3.364	11	13	20	rVB	38736	48250	0.89%	0.103%
3	3.646	58	61	62	rBV3	7784	7610	0.14%	0.016%
4	3.805	86	88	97	rBV2	20776	38958	0.72%	0.083%
5	4.022	121	125	131	rVB	22800	33936	0.62%	0.073%
6	4.117	136	141	147	rVB2	19289	29451	0.54%	0.063%
7	4.205	154	156	161	rVB6	10322	11753	0.22%	0.025%
8	5.040	297	298	304	rVB6	6735	6461	0.12%	0.014%
9	6.016	460	464	470	rVB6	4831	7065	0.13%	0.015%
10	6.311	510	514	518	rVB5	7767	11606	0.21%	0.025%
11	6.922	615	618	623	rVB7	4619	6908	0.13%	0.015%
12	7.093	639	647	660	rVB	266050	427380	7.86%	0.915%
13	7.258	668	675	686	rVB	511386	817682	15.04%	1.751%
14	7.458	703	709	720	rVB	606431	931063	17.13%	1.994%
15	7.546	720	724	730	rBV4	7573	14643	0.27%	0.031%
16	7.928	782	789	797	rBV	623677	973989	17.91%	2.086%
17	8.005	799	802	807	rVB6	5085	6628	0.12%	0.014%
18	8.169	824	830	834	rBV9	3958	8402	0.15%	0.018%
19	8.487	879	884	887	rBV7	3099	5805	0.11%	0.012%
20	8.634	901	909	919	rBV	538877	875865	16.11%	1.876%
21	8.875	944	950	952	rBV7	3457	6956	0.13%	0.015%
22	9.087	977	986	995	rBV	606752	1020294	18.77%	2.185%
23	9.258	1011	1015	1020	rVB8	4148	5849	0.11%	0.013%
24	9.540	1060	1063	1068	rVB6	6761	9804	0.18%	0.021%
25	9.810	1102	1109	1119	rBV	483372	803070	14.77%	1.720%
26	9.963	1129	1135	1141	rBV10	6061	11866	0.22%	0.025%
27	10.046	1143	1149	1152	rBV8	3795	8436	0.16%	0.018%
28	10.352	1192	1201	1211	rBV	797875	1313130	24.15%	2.812%
29	10.510	1222	1228	1242	rBV	342494	552109	10.15%	1.183%
30	10.728	1257	1265	1275	rBV	797599	1377756	25.34%	2.951%
31	10.863	1280	1288	1298	rBV	583567	979115	18.01%	2.097%
32	11.140	1333	1335	1343	rVB8	4698	8374	0.15%	0.018%
33	11.528	1397	1401	1410	rBV8	4070	9432	0.17%	0.020%
34	12.040	1480	1488	1492	rBV10	5129	10644	0.20%	0.023%
35	12.316	1530	1535	1542	rVB2	15352	24739	0.46%	0.053%
36	13.187	1677	1683	1689	rVB9	5361	11045	0.20%	0.024%

LSC Area Percent Report

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Data File : BP007786.D
Acq On : 29 Oct 2021 17:02
Operator : CG/JU
Sample : M4282-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY83

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_P\METHODS\SFAM-EPA-BP102521.M
Title : SVOA CALIBRATION

37	13.404	1717	1720	1726	rBV7	4131	5945	0.11%	0.013%
38	13.475	1726	1732	1739	rVV	222635	325320	5.98%	0.697%
39	13.534	1739	1742	1748	rVB6	5567	10695	0.20%	0.023%
40	13.975	1810	1817	1834	rBV	1516322	2088723	38.42%	4.474%
41	14.110	1834	1840	1850	rVB8	10285	24795	0.46%	0.053%
42	14.257	1855	1865	1877	rBV	1657973	2405725	44.25%	5.153%
43	14.487	1899	1904	1905	rBV5	4519	6405	0.12%	0.014%
44	14.563	1910	1917	1930	rBV	1249498	1915011	35.22%	4.102%
45	14.722	1938	1944	1945	rBV6	5280	7719	0.14%	0.017%
46	14.757	1945	1950	1963	rVV	227751	372871	6.86%	0.799%
47	14.922	1970	1978	1979	rBV8	4879	8591	0.16%	0.018%
48	14.957	1979	1984	1988	rBV	45173	66292	1.22%	0.142%
49	15.228	2025	2030	2036	rVB9	8913	16997	0.31%	0.036%
50	15.381	2052	2056	2061	rBV7	5766	8708	0.16%	0.019%
51	15.481	2067	2073	2076	rBV2	16346	26978	0.50%	0.058%
52	15.557	2081	2086	2100	rVV	2188346	3257210	59.91%	6.976%
53	15.675	2100	2106	2118	rVV	499328	707155	13.01%	1.515%
54	15.798	2123	2127	2134	rVB	26998	40764	0.75%	0.087%
55	16.010	2157	2163	2175	rVV2	72039	125502	2.31%	0.269%
56	16.251	2199	2204	2208	rBV8	6681	14658	0.27%	0.031%
57	16.351	2217	2221	2226	rVB7	7657	15364	0.28%	0.033%
58	16.463	2233	2240	2245	rBV10	11003	22670	0.42%	0.049%
59	16.575	2255	2259	2265	rBV5	7984	12081	0.22%	0.026%
60	16.734	2281	2286	2290	rVB8	5599	8596	0.16%	0.018%
61	16.922	2315	2318	2324	rBV9	3606	6287	0.12%	0.013%
62	16.992	2324	2330	2332	rBV6	6807	12581	0.23%	0.027%
63	17.028	2335	2336	2340	rVB4	8251	5756	0.11%	0.012%
64	17.104	2344	2349	2352	rBV4	9969	17929	0.33%	0.038%
65	17.322	2379	2386	2396	rBV	1656040	2392770	44.01%	5.125%
66	17.422	2396	2403	2414	rBV	2670814	3762325	69.20%	8.058%
67	18.004	2497	2502	2509	rBV	69703	90436	1.66%	0.194%
68	18.216	2533	2538	2547	rBV	184739	276112	5.08%	0.591%
69	18.492	2581	2585	2588	rBV6	17784	27718	0.51%	0.059%
70	18.633	2606	2609	2611	rBV4	8716	8544	0.16%	0.018%
71	19.045	2675	2679	2684	rBV5	35257	51369	0.94%	0.110%
72	19.104	2686	2689	2691	rBV2	24966	33813	0.62%	0.072%
73	19.133	2691	2694	2698	rVB	263587	279655	5.14%	0.599%
74	19.233	2707	2711	2713	rBV2	42189	52291	0.96%	0.112%
75	19.263	2713	2716	2719	rVB2	75071	77763	1.43%	0.167%
76	19.304	2719	2723	2727	rBV	37476	48111	0.88%	0.103%

LSC Area Percent Report

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Operator : CG/JU
Sample : M4282-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY83

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_P\METHODS\SFAM-EPA-BP102521.M
Title : SVOA CALIBRATION

77	19.451	2744	2748	2752	rBV3	46564	59916	1.10%	0.128%
78	19.592	2770	2772	2776	rBV5	19691	21754	0.40%	0.047%
79	19.657	2777	2783	2790	rBV	3640687	4831760	88.87%	10.349%
80	19.898	2820	2824	2831	rBV4	41653	56816	1.05%	0.122%
81	20.163	2865	2869	2872	rBV2	59747	84751	1.56%	0.182%
82	20.516	2925	2929	2933	rVB	142687	160181	2.95%	0.343%
83	21.127	3029	3033	3038	rBV3	114148	179763	3.31%	0.385%
84	21.410	3076	3081	3087	rBV	2385511	3171913	58.34%	6.794%
85	21.504	3095	3097	3100	rBV	65582	62347	1.15%	0.134%
86	23.698	3463	3470	3478	rVB2	2686595	5436836	100.00%	11.645%
87	23.857	3490	3497	3508	rVB2	1625171	3519236	64.73%	7.538%

Sum of corrected areas: 46689666

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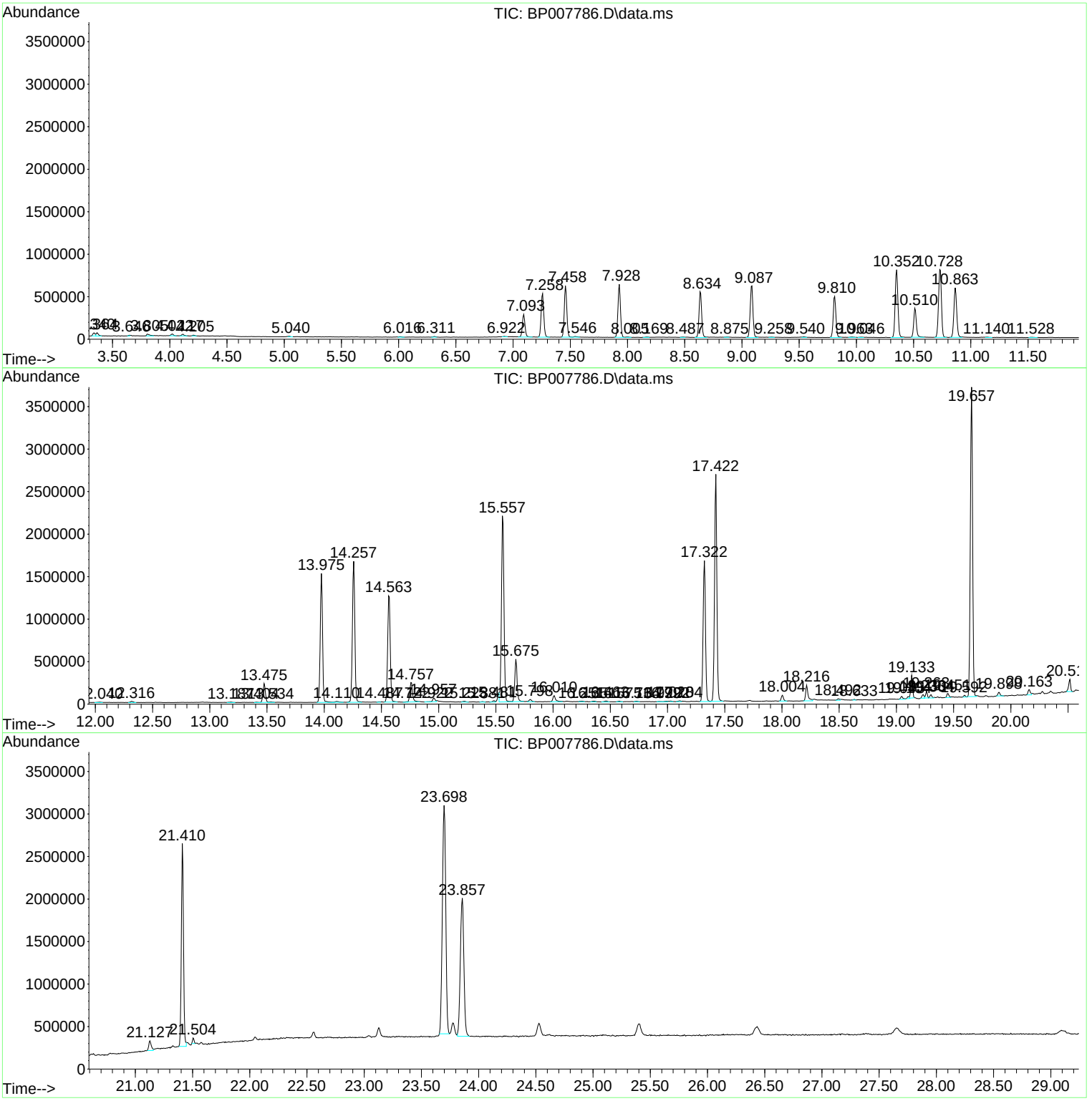
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFY83

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102921\
Data File : BP007786.D
Acq On : 29 Oct 2021 17:02
Operator : CG/JU
Sample : M4282-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFY83

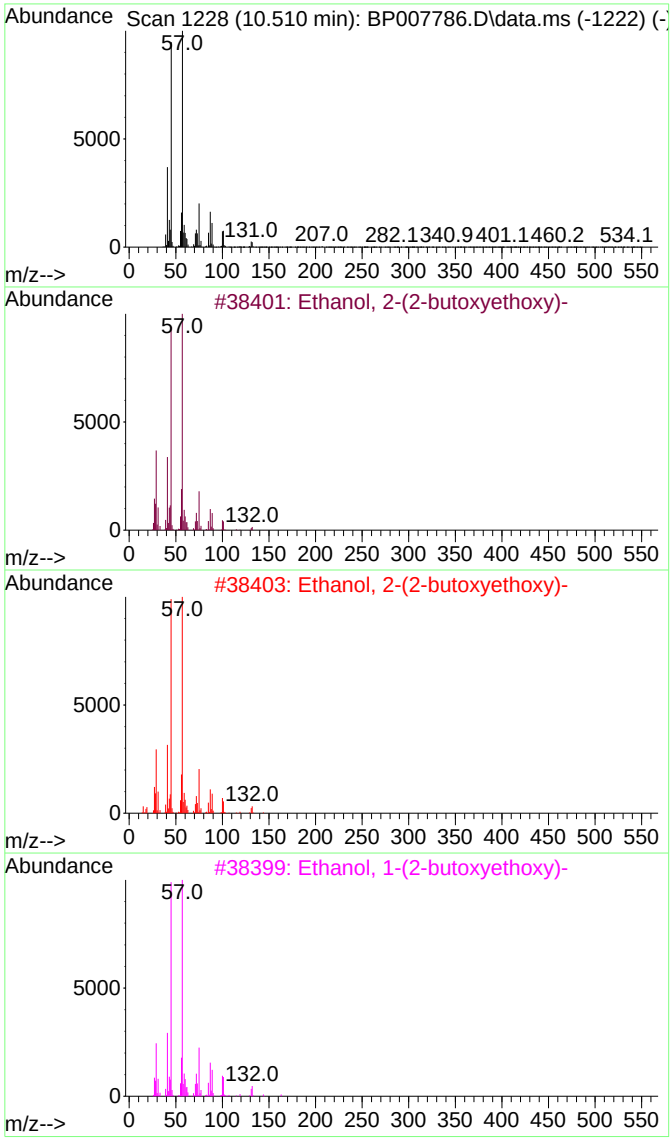
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

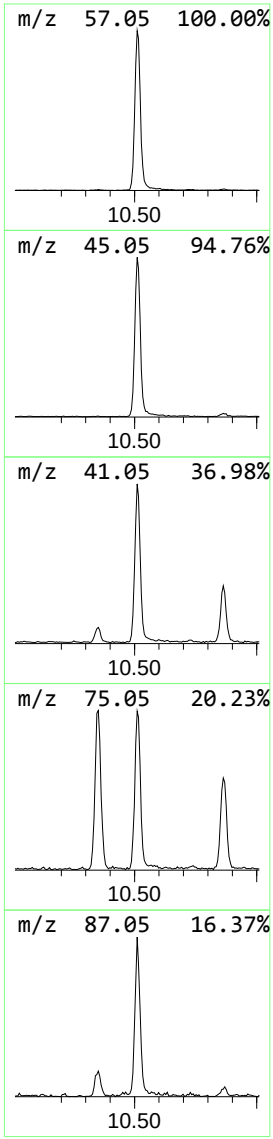
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.510	8.01 ng/ul	552109	Naphthalene-d8	10.728

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, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102921\
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Acq On : 29 Oct 2021 17:02
Operator : CG/JU
Sample : M4282-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFY83

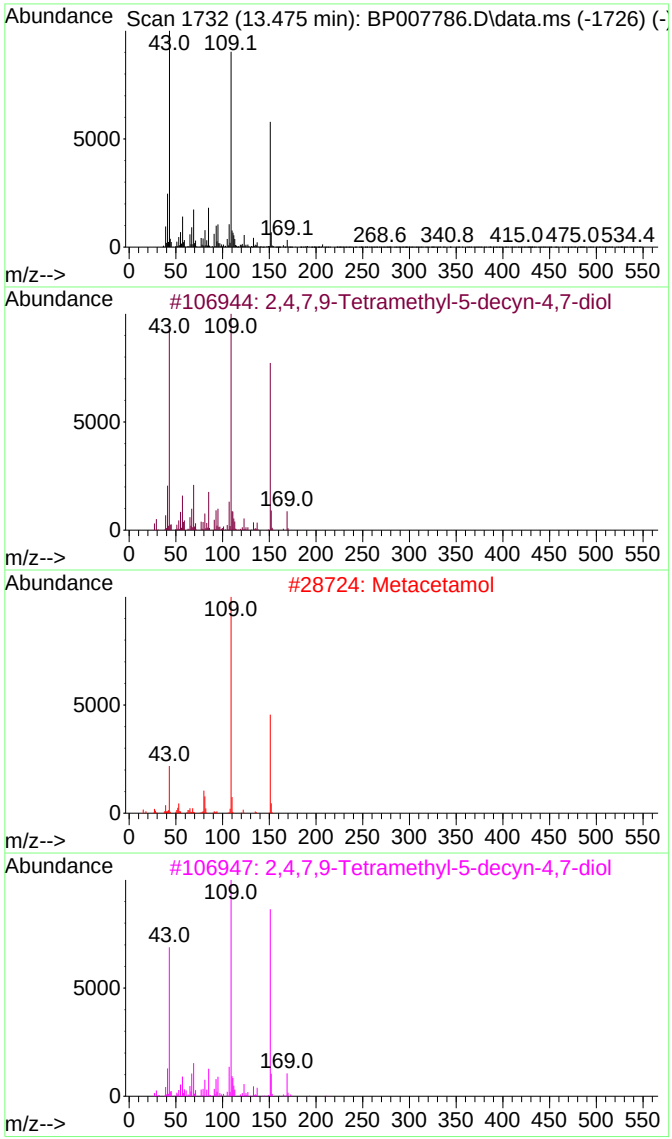
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

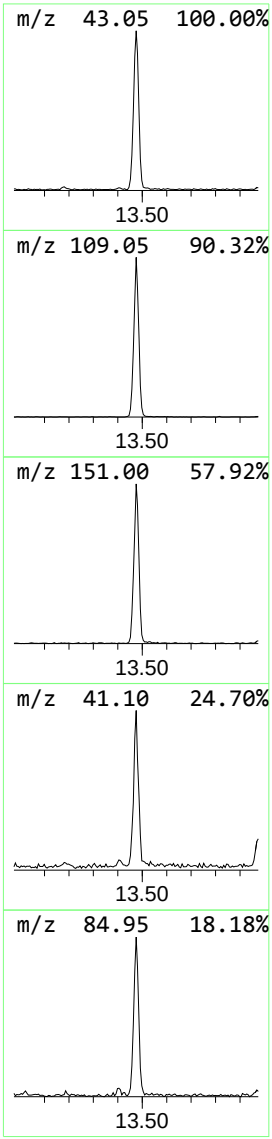
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.475	3.40 ng/ul	325320	Acenaphthene-d10	14.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Metacetamol	151	C8H9NO2	000621-42-1	58
3	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	58
4	Diacetamate	193	C10H11NO3	002623-33-8	53
5	Acetaminophen	151	C8H9NO2	000103-90-2	53





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Sample : M4282-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFY83

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

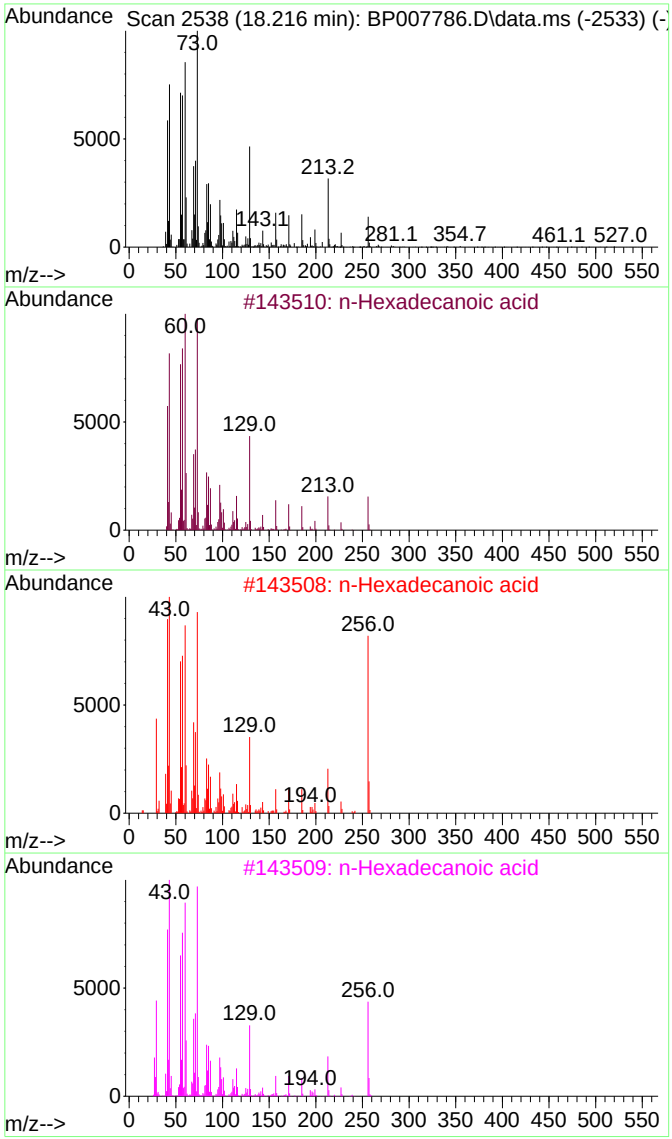
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

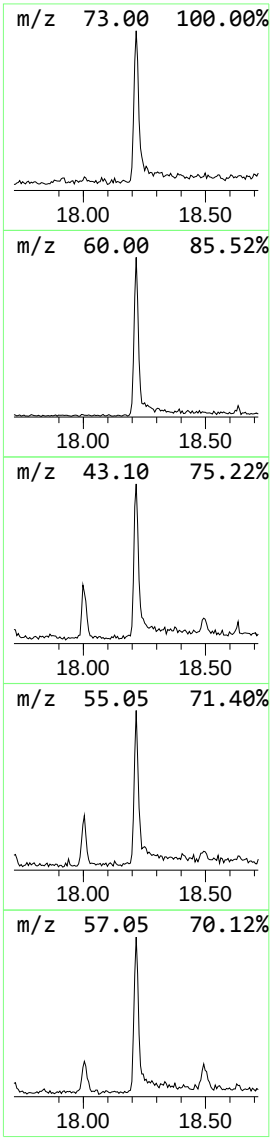
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	2.31 ng/ul	276112	Phenanthrene-d10	17.322

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	97
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	93





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Sample : M4282-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY83

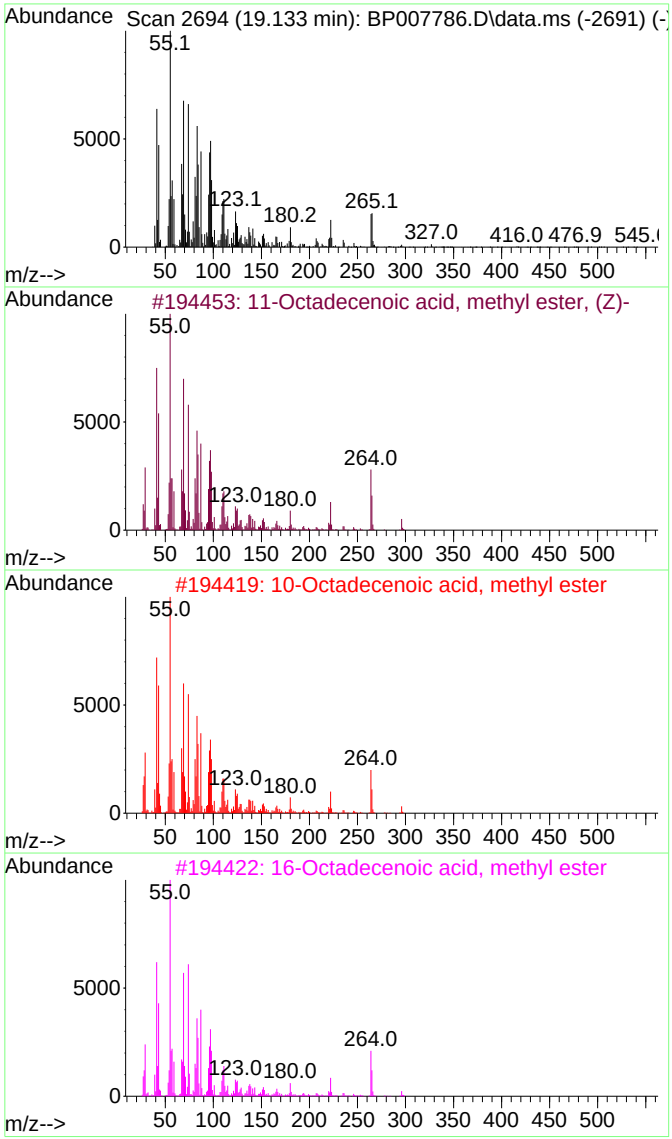
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

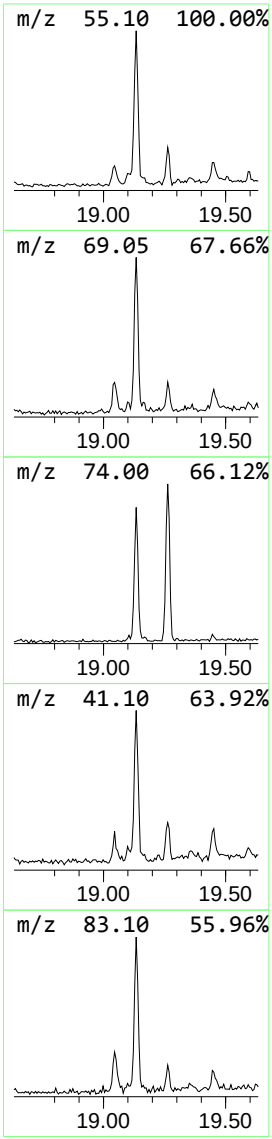
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 11-Octadecenoic acid, methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.134	2.34 ng/ul	279655	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102921\
Data File : BP007786.D
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Sample : M4282-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY83

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.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
Ethanol, 2-(2-b...	10.510	8.0	ng/ul	552109	2	10.728	1377760	20.0
2,4,7,9-Tetrame...	13.475	3.4	ng/ul	325320	3	14.563	1915010	20.0
n-Hexadecanoic ...	18.216	2.3	ng/ul	276112	4	17.322	2392770	20.0
11-Octadecenoic...	19.134	2.3	ng/ul	279655	4	17.322	2392770	20.0