LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012215.D
Acq On : 20 Oct 2022 15:57
Operator : CG/JU
Sample : N5103-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B93

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-BP101922.M
Title : SVOA CALIBRATION

Signal : TIC: BP012215.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.258	43	46	53	rVB	71422	89870	1.10%	0.099%
2	3.546	92	95	109	rBV	78631	137822	1.68%	0.151%
3	3.687	117	119	132	rBV	401438	608960	7.43%	0.667%
4	3.905	151	156	161	rVB	43480	63289	0.77%	0.069%
5	3.999	169	172	177	rVB	27994	38689	0.47%	0.042%
6	4.164	197	200	205	rBV5	5763	10555	0.13%	0.012%
7	4.228	208	211	216	rVB6	5883	9234	0.11%	0.010%
8	4.340	227	230	232	rBV4	6277	8585	0.10%	0.009%
9	4.375	233	236	241	rVB4	15216	22056	0.27%	0.024%
10	4.928	326	330	338	rVB3	9664	16609	0.20%	0.018%
11	6.993	675	681	696	rBV2	255754	506021	6.17%	0.555%
12	7.158	702	709	724	rBV	1296117	2142114	26.12%	2.348%
13	7.357	735	743	753	rBV	1095464	1825021	22.26%	2.000%
14	7.822	814	822	832	rBV	1328376	2177042	26.55%	2.386%
15	7.887	832	833	841	rVB6	11852	17146	0.21%	0.019%
16	8.540	936	944	961	rBV	814641	1411502	17.21%	1.547%
17	8.993	1013	1021	1036	rBV	1453720	2477288	30.21%	2.715%
18	9.157	1044	1049	1056	rVB5	19516	34623	0.42%	0.038%
19	9.387	1082	1088	1094	rVB	35175	53993	0.66%	0.059%
20	9.716	1136	1144	1160	rBV	1105082	1895181	23.11%	2.077%
21	10.163	1215	1220	1223	rBV7	6157	9706	0.12%	0.011%
22	10.251	1228	1235	1250	rBV	1675241	2912056	35.51%	3.192%
23	10.428	1259	1265	1270	rBV2	30934	74453	0.91%	0.082%
24	10.628	1291	1299	1315	rVB	1945675	3309045	40.36%	3.627%
25	10.775	1317	1324	1346	rBV	717856	1421364	17.33%	1.558%
26	11.440	1432	1437	1441	rBV7	10870	22387	0.27%	0.025%
27	11.887	1508	1513	1518	rBV7	6439	12127	0.15%	0.013%
28	12.045	1532	1540	1546	rBV8	10743	23287	0.28%	0.026%
29	12.222	1565	1570	1578	rVB2	29815	49034	0.60%	0.054%
30	12.863	1670	1679	1682	rVB9	6455	12577	0.15%	0.014%
31	13.087	1711	1717	1723	rVB10	3824	8675	0.11%	0.010%
32	13.204	1733	1737	1741	rVB7	7491	9482	0.12%	0.010%
33	13.292	1744	1752	1759	rVV	42824	74104	0.90%	0.081%
34	13.375	1759	1766	1770	rVV4	12771	27584	0.34%	0.030%
35	13.445	1774	1778	1788	rVB7	8723	19421	0.24%	0.021%
36	13.887	1845	1853	1868	rBV	3412855	5049791	61.58%	5.535%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012215.D
Acq On : 20 Oct 2022 15:57
Operator : CG/JU
Sample : N5103-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B93

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-BP101922.M
Title : SVOA CALIBRATION

37	13.987	1868	1870	1877	rVB8	13603	27333	0.33%	0.030%
38	14.169	1888	1901	1913	rBV	4206694	6176416	75.32%	6.770%
39	14.298	1919	1923	1929	rVB9	7178	13832	0.17%	0.015%
40	14.369	1930	1935	1940	rVB3	20218	31712	0.39%	0.035%
41	14.475	1946	1953	1963	rBV	3014008	4418408	53.88%	4.843%
42	14.692	1985	1990	1995	rBV	118123	236178	2.88%	0.259%
43	14.751	1995	2000	2013	rVB	692177	1040617	12.69%	1.141%
44	14.904	2021	2026	2033	rVB2	90084	148321	1.81%	0.163%
45	15.257	2083	2086	2092	rBV5	17131	29985	0.37%	0.033%
46	15.475	2116	2123	2136	rBV	5382578	8035547	98.00%	8.808%
47	15.598	2138	2144	2155	rVV	1602254	2145598	26.17%	2.352%
48	15.722	2160	2165	2171	rVV2	39328	91351	1.11%	0.100%
49	16.210	2244	2248	2253	rVB	114352	164353	2.00%	0.180%
50	17.039	2386	2389	2394	rVB	129893	166311	2.03%	0.182%
51	17.233	2417	2422	2428	rBV	3286921	4913734	59.92%	5.386%
52	17.333	2434	2439	2448	rBV	5516158	8002217	97.59%	8.771%
53	18.122	2570	2573	2579	rBV2	410485	587633	7.17%	0.644%
54	19.039	2726	2729	2739	rVB2	472814	593431	7.24%	0.650%
55	19.222	2756	2760	2761	rBV	676668	773999	9.44%	0.848%
56	19.245	2761	2764	2780	rVV	1794177	3243453	39.56%	3.555%
57	19.363	2781	2784	2793	rVV	343391	609845	7.44%	0.668%
58	19.575	2815	2820	2826	rBV	6122499	8199826	100.00%	8.988%
59	21.327	3114	3118	3126	rVB	3189774	3929939	47.93%	4.307%
60	23.580	3495	3501	3518	rVB2	3309978	7218072	88.03%	7.912%
61	23.739	3522	3528	3538	rVB2	1891353	3856331	47.03%	4.227%

Sum of corrected areas: 91235135

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
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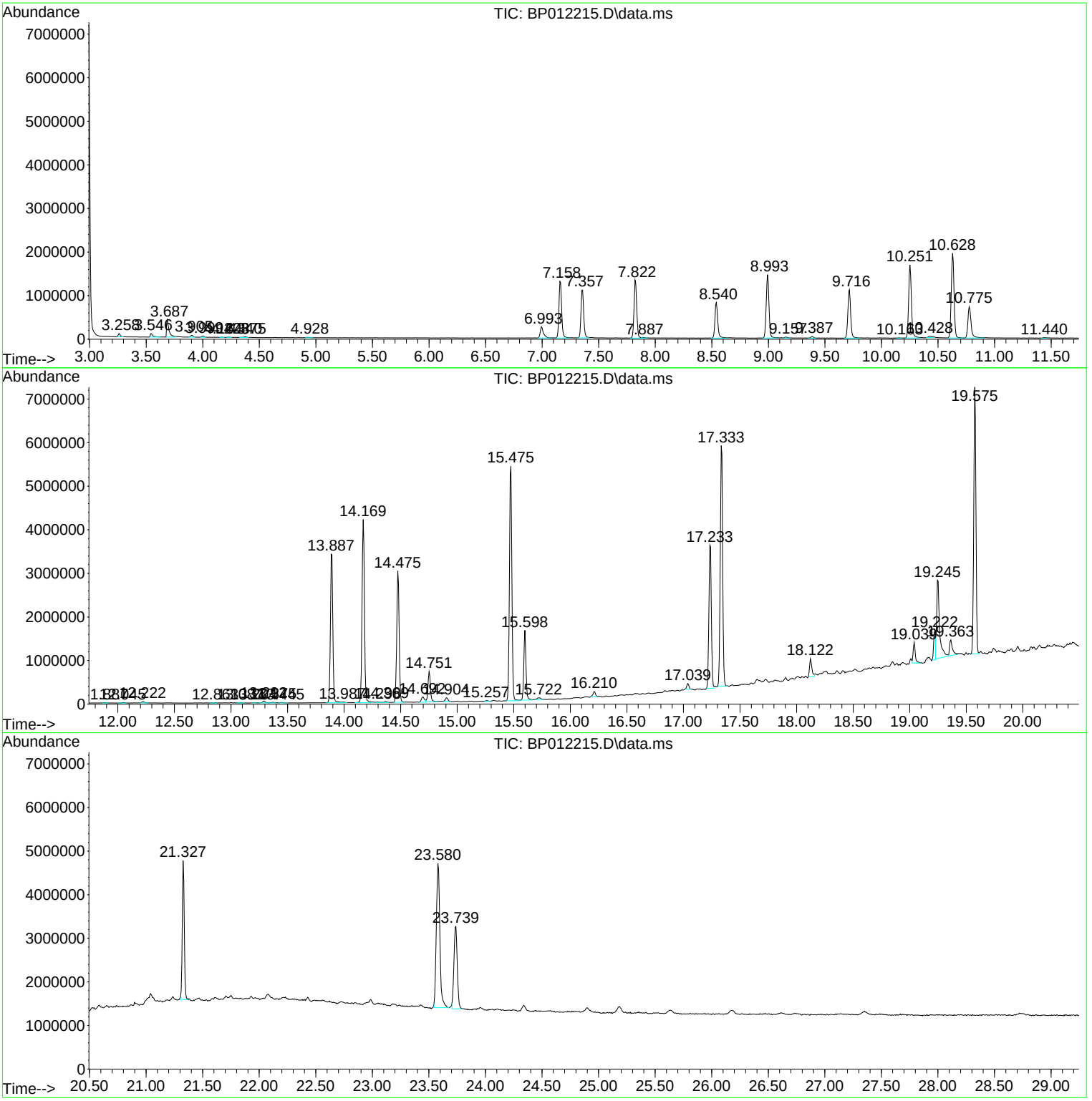
Acq On : 20 Oct 2022 15:57
Operator : CG/JU
Sample : N5103-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B93

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012215.D
Acq On : 20 Oct 2022 15:57
Operator : CG/JU
Sample : N5103-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B93

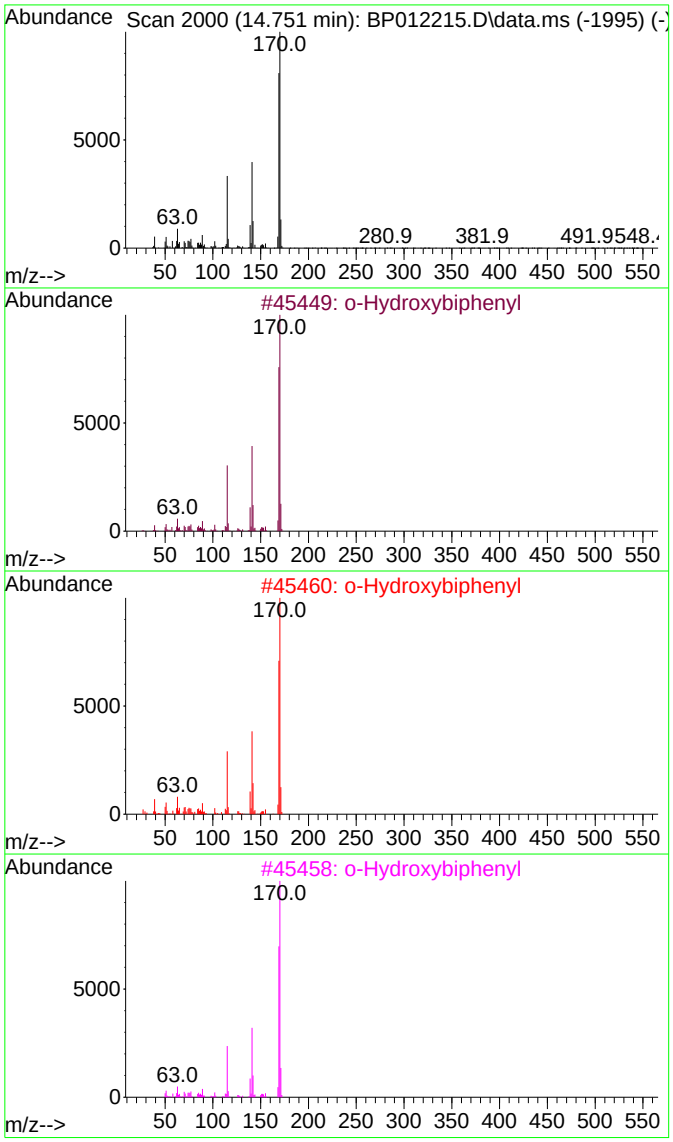
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

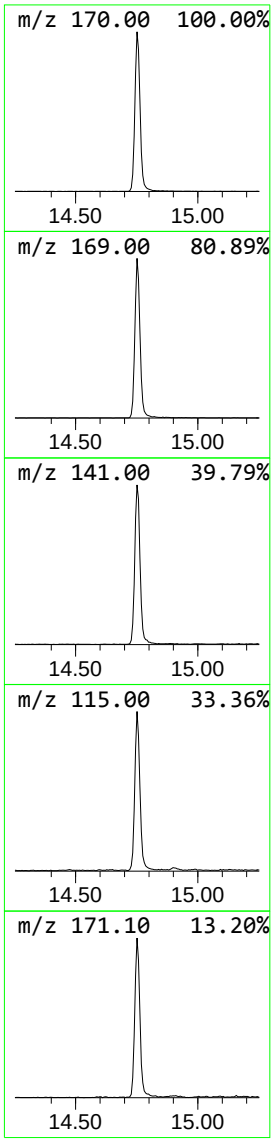
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 o-Hydroxybiphenyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.751	4.71 ng/ul	1040620	Acenaphthene-d10	14.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
5	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012215.D
Acq On : 20 Oct 2022 15:57
Operator : CG/JU
Sample : N5103-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B93

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

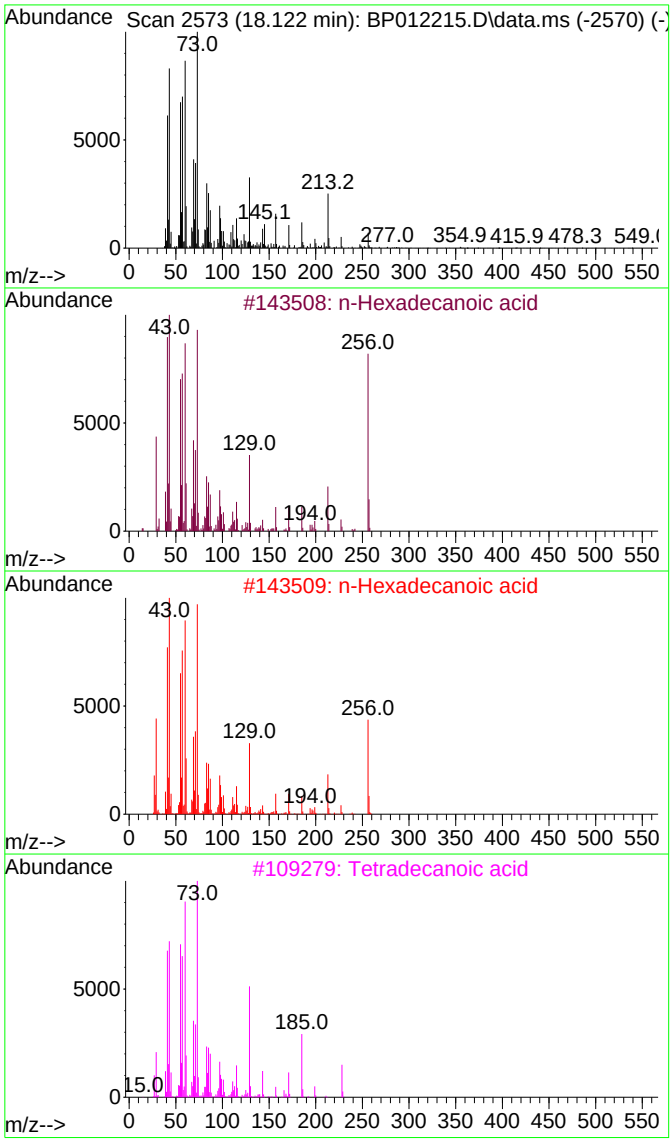
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

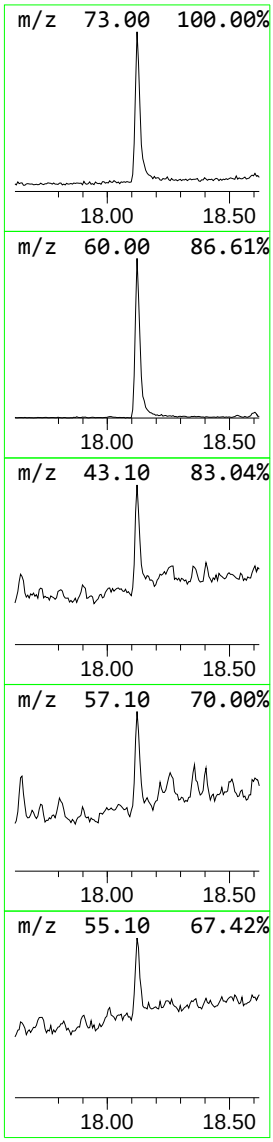
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.122	2.39 ng/ul	587633	Phenanthrene-d10	17.239

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012215.D
Acq On : 20 Oct 2022 15:57
Operator : CG/JU
Sample : N5103-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B93

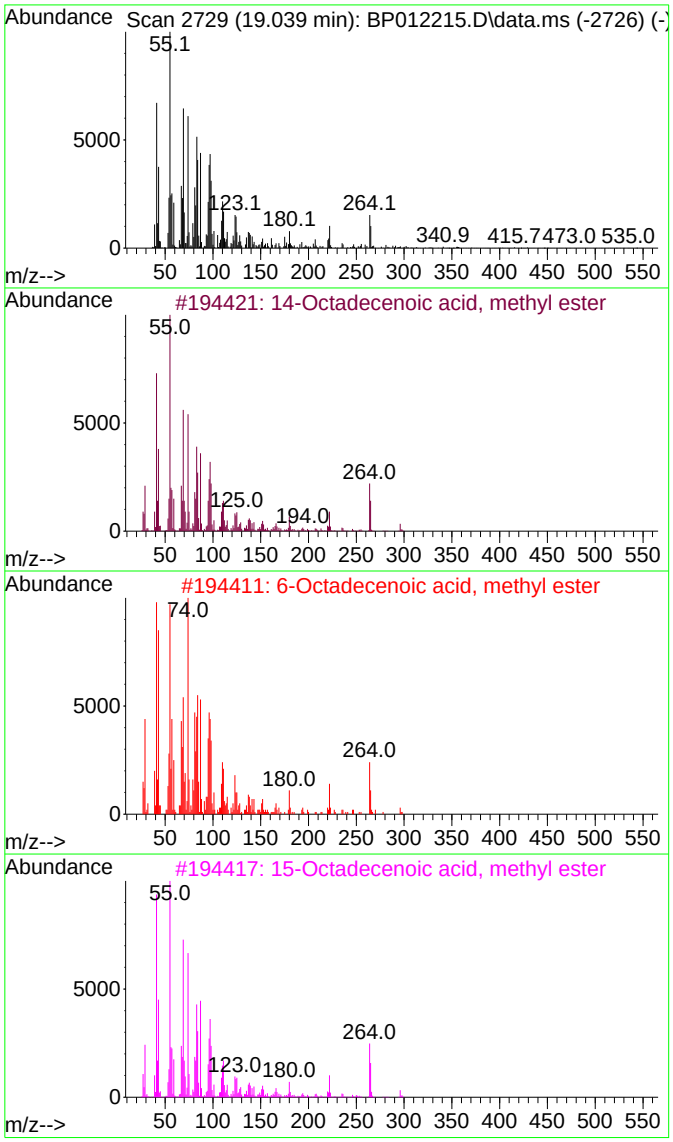
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

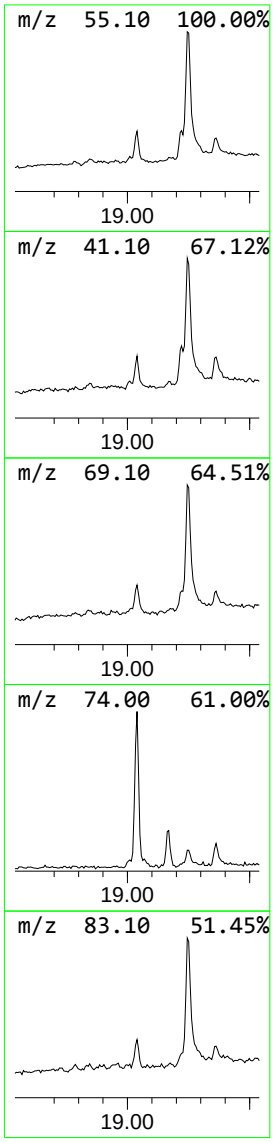
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 14-Octadecenoic acid, methy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.039	2.42 ng/ul	593431	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
2	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	96
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	94
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012215.D
Acq On : 20 Oct 2022 15:57
Operator : CG/JU
Sample : N5103-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B93

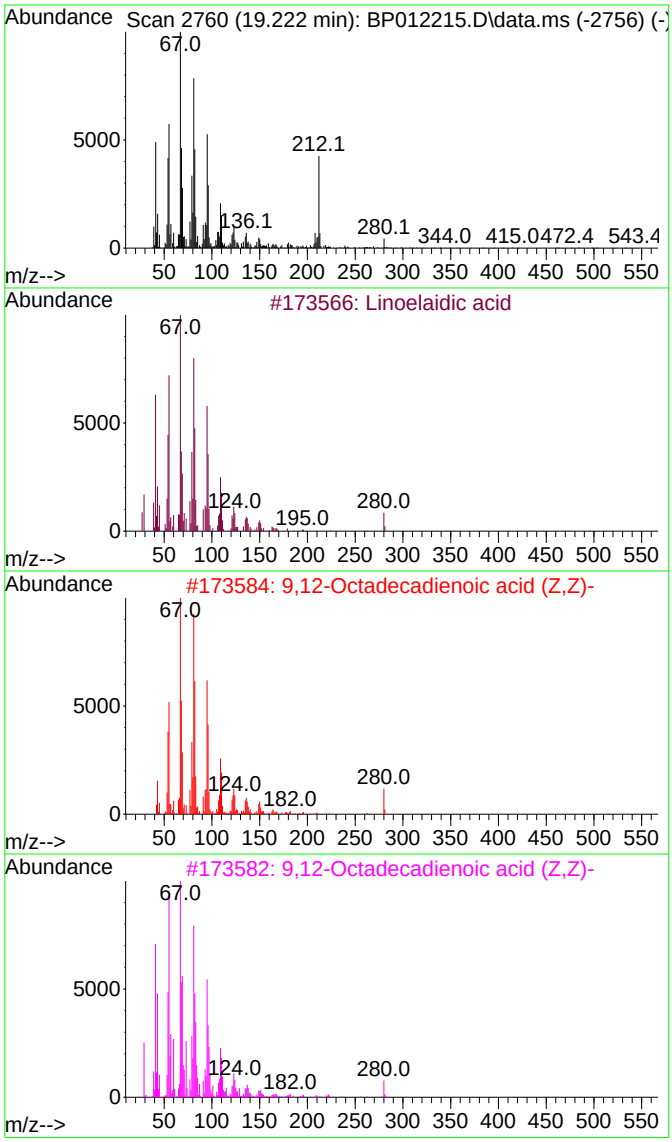
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

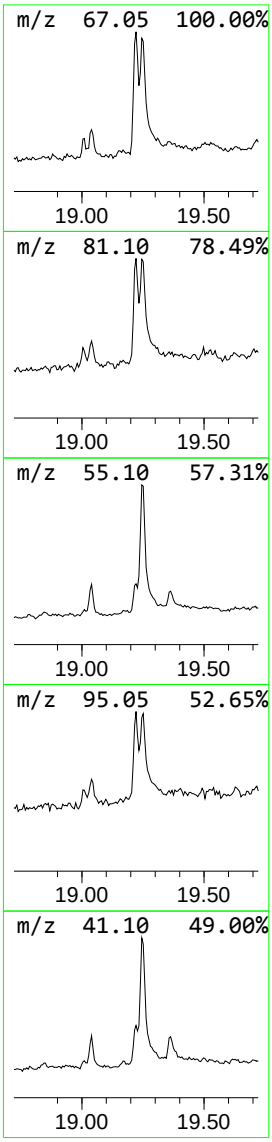
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Linoelaidic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.222	3.15 ng/ul	773999	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Linoelaidic acid	280	C18H32O2	000506-21-8	94
2	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	93
3	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	93
4	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	93
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012215.D
Acq On : 20 Oct 2022 15:57
Operator : CG/JU
Sample : N5103-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B93

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

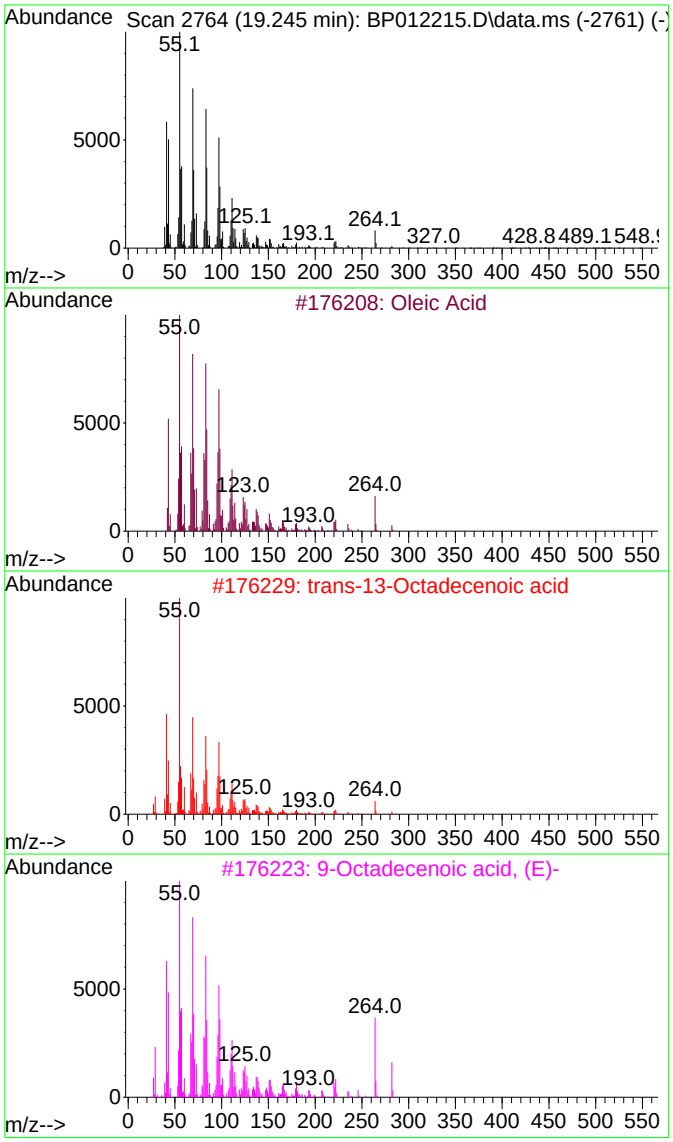
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

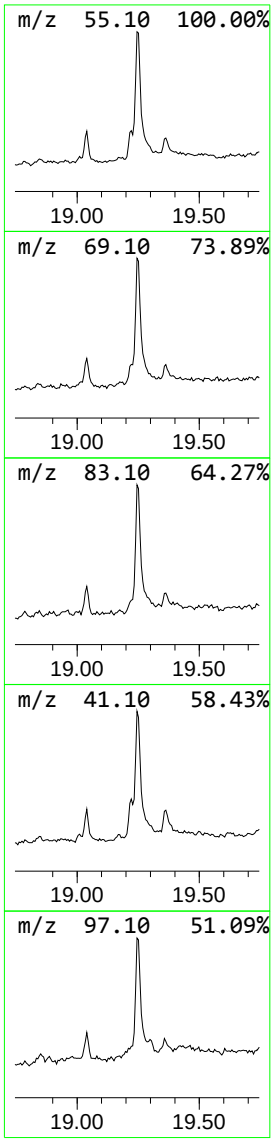
****

Peak Number 5 Oleic Acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.245	13.20 ng/ul	3243450	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	87
2	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	83
3	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	83
4	9-Octadecenoic acid	282	C18H34O2	002027-47-6	74
5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012215.D
Acq On : 20 Oct 2022 15:57
Operator : CG/JU
Sample : N5103-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B93

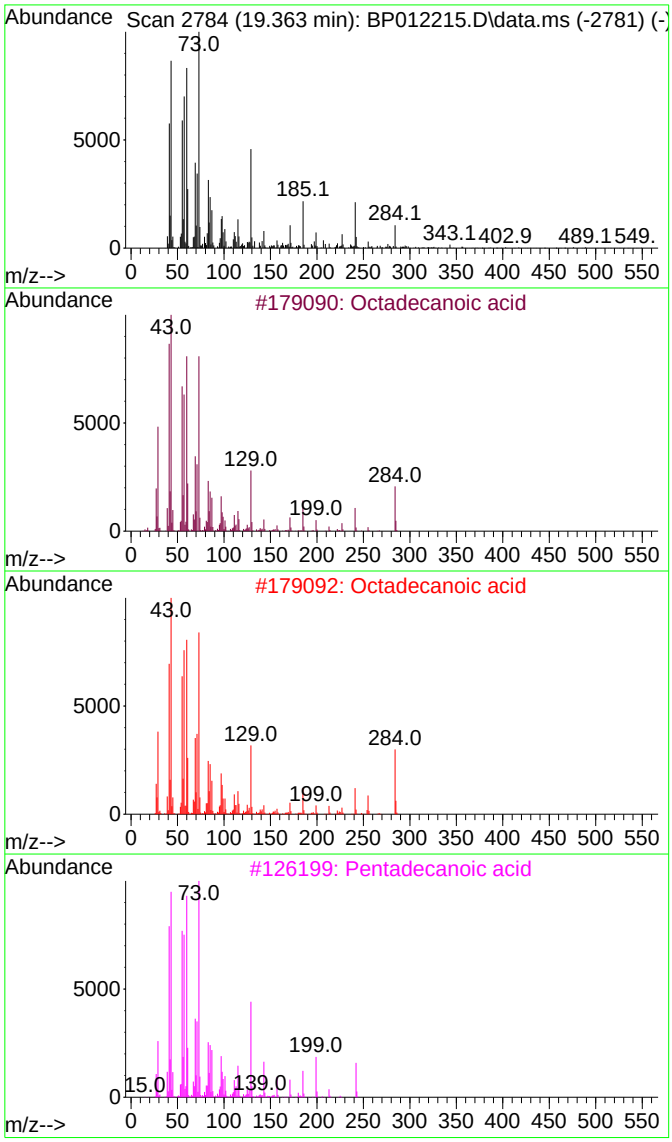
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

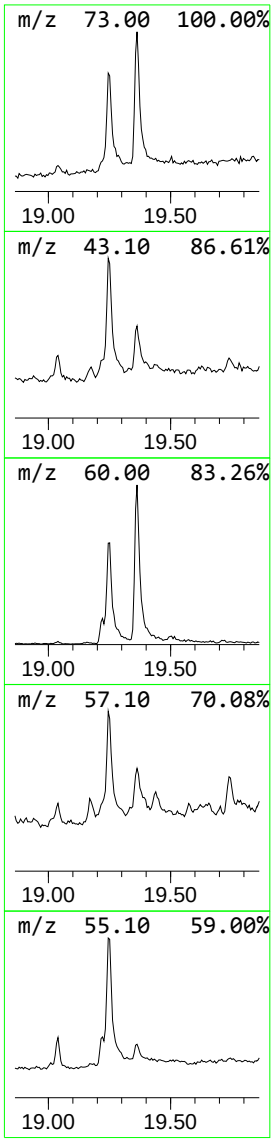
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.363	3.10 ng/ul	609845	Chrysene-d12	21.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012215.D
Acq On : 20 Oct 2022 15:57
Operator : CG/JU
Sample : N5103-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B93

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.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
o-Hydroxybiphenyl	14.751	4.7	ng/ul	1040620	3	14.475	4418410	20.0
n-Hexadecanoic ...	18.122	2.4	ng/ul	587633	4	17.239	4913730	20.0
14-Octadecenoic...	19.039	2.4	ng/ul	593431	4	17.239	4913730	20.0
Linoelaidic acid	19.222	3.1	ng/ul	773999	4	17.239	4913730	20.0
Oleic Acid	19.245	13.2	ng/ul	3243450	4	17.239	4913730	20.0
Octadecanoic acid	19.363	3.1	ng/ul	609845	5	21.327	3929940	20.0