LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016252.D
Acq On : 17 Jul 2023 14:23
Operator : MA/JU
Sample : 03457-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0C58

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-BP071223.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016252.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.281	13	16	24	rVB	33012	52571	0.80%	0.079%
2	3.752	94	96	116	rBV	114794	297455	4.53%	0.446%
3	3.940	124	128	137	rVB2	18181	33701	0.51%	0.051%
4	4.046	143	146	153	rVB2	20798	32895	0.50%	0.049%
5	7.205	676	683	693	rBV3	66596	236424	3.60%	0.355%
6	7.299	693	699	726	rVV	315987	987108	15.04%	1.481%
7	7.516	729	736	766	rVB	315254	932701	14.21%	1.399%
8	7.969	805	813	836	rBV	378704	1078822	16.43%	1.618%
9	8.146	841	843	848	rVB5	3900	6731	0.10%	0.010%
10	8.722	936	941	967	rBV2	224923	858806	13.08%	1.288%
11	9.169	1009	1017	1039	rBV	438641	1223729	18.64%	1.836%
12	9.481	1065	1070	1080	rVB	7273	15803	0.24%	0.024%
13	9.899	1133	1141	1171	rBV	293064	1037139	15.80%	1.556%
14	10.475	1232	1239	1280	rBV	318113	1584171	24.13%	2.377%
15	10.787	1284	1292	1313	rVB	820166	1859937	28.33%	2.790%
16	10.987	1319	1326	1367	rBV	295621	1405088	21.40%	2.108%
17	11.710	1443	1449	1450	rBV6	5476	8117	0.12%	0.012%
18	11.981	1489	1495	1498	rVV7	5403	9909	0.15%	0.015%
19	12.457	1568	1576	1584	rVB7	7964	20865	0.32%	0.031%
20	12.987	1659	1666	1667	rBV7	5950	10526	0.16%	0.016%
21	13.416	1735	1739	1744	rVB7	5316	8608	0.13%	0.013%
22	13.498	1746	1753	1759	rBV2	15992	31907	0.49%	0.048%
23	14.034	1838	1844	1872	rBV	1394905	2836917	43.21%	4.256%
24	14.316	1885	1892	1910	rBV	1896428	3281985	49.99%	4.924%
25	14.481	1917	1920	1925	rVB7	10592	17527	0.27%	0.026%
26	14.616	1936	1943	1960	rBV	1576439	2615643	39.84%	3.924%
27	15.051	2008	2017	2034	rBV	2806366	4543933	69.21%	6.817%
28	15.381	2069	2073	2078	rVV5	13720	21282	0.32%	0.032%
29	15.439	2080	2083	2091	rVB5	18470	26307	0.40%	0.039%
30	15.622	2107	2114	2133	rBV	2364901	4392481	66.91%	6.590%
31	15.816	2141	2147	2171	rBV2	301103	1159748	17.66%	1.740%
32	15.992	2172	2177	2197	rVB	304677	613712	9.35%	0.921%
33	16.269	2220	2224	2226	rBV3	16786	21405	0.33%	0.032%
34	16.292	2226	2228	2236	rVB7	15178	29781	0.45%	0.045%
35	16.551	2268	2272	2280	rVB2	43989	77246	1.18%	0.116%
36	16.616	2280	2283	2284	rBV3	5707	6627	0.10%	0.010%

LSC Area Percent Report

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Data File : BP016252.D
Acq On : 17 Jul 2023 14:23
Operator : MA/JU
Sample : 03457-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0C58

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-BP071223.MA.M
Title : SVOA CALIBRATION

37	16.698	2294	2297	2302	rVB7	8911	11922	0.18%	0.018%
38	16.775	2305	2310	2316	rBV7	28727	61229	0.93%	0.092%
39	16.875	2323	2327	2331	rVB4	15448	18906	0.29%	0.028%
40	17.051	2354	2357	2361	rBV5	17051	21665	0.33%	0.033%
41	17.098	2361	2365	2368	rVV4	15012	18443	0.28%	0.028%
42	17.139	2369	2372	2377	rVB6	10138	15961	0.24%	0.024%
43	17.269	2391	2394	2397	rVB3	17168	19538	0.30%	0.029%
44	17.381	2407	2413	2425	rBV	2178434	3342707	50.92%	5.015%
45	17.486	2425	2431	2455	rVB2	2439635	5188020	79.02%	7.783%
46	17.839	2488	2491	2493	rBV2	11143	13359	0.20%	0.020%
47	18.022	2519	2522	2526	rVB6	23277	24591	0.37%	0.037%
48	18.122	2536	2539	2545	rBV4	20581	31281	0.48%	0.047%
49	18.245	2554	2560	2571	rBV	1412359	2084226	31.75%	3.127%
50	18.639	2624	2627	2631	rBV6	16023	16860	0.26%	0.025%
51	19.110	2705	2707	2713	rVB5	19470	23385	0.36%	0.035%
52	19.298	2736	2739	2742	rBV2	40898	51932	0.79%	0.078%
53	19.333	2742	2745	2746	rBV2	29058	26784	0.41%	0.040%
54	19.357	2746	2749	2750	rBV2	34280	34418	0.52%	0.052%
55	19.469	2764	2768	2787	rBV	613495	1038090	15.81%	1.557%
56	19.604	2788	2791	2795	rVB	57112	65511	1.00%	0.098%
57	19.722	2805	2811	2819	rBV	3709628	6475934	98.64%	9.715%
58	21.169	3051	3057	3070	rVB	608034	1539744	23.45%	2.310%
59	21.486	3106	3111	3123	rBV	2050277	4082255	62.18%	6.124%
60	22.692	3312	3316	3323	rVB	272331	376705	5.74%	0.565%
61	23.810	3499	3506	3526	rVB2	2915193	6565239	100.00%	9.849%
62	23.980	3528	3535	3556	rVB	1400312	4129672	62.90%	6.196%

Sum of corrected areas: 66655984

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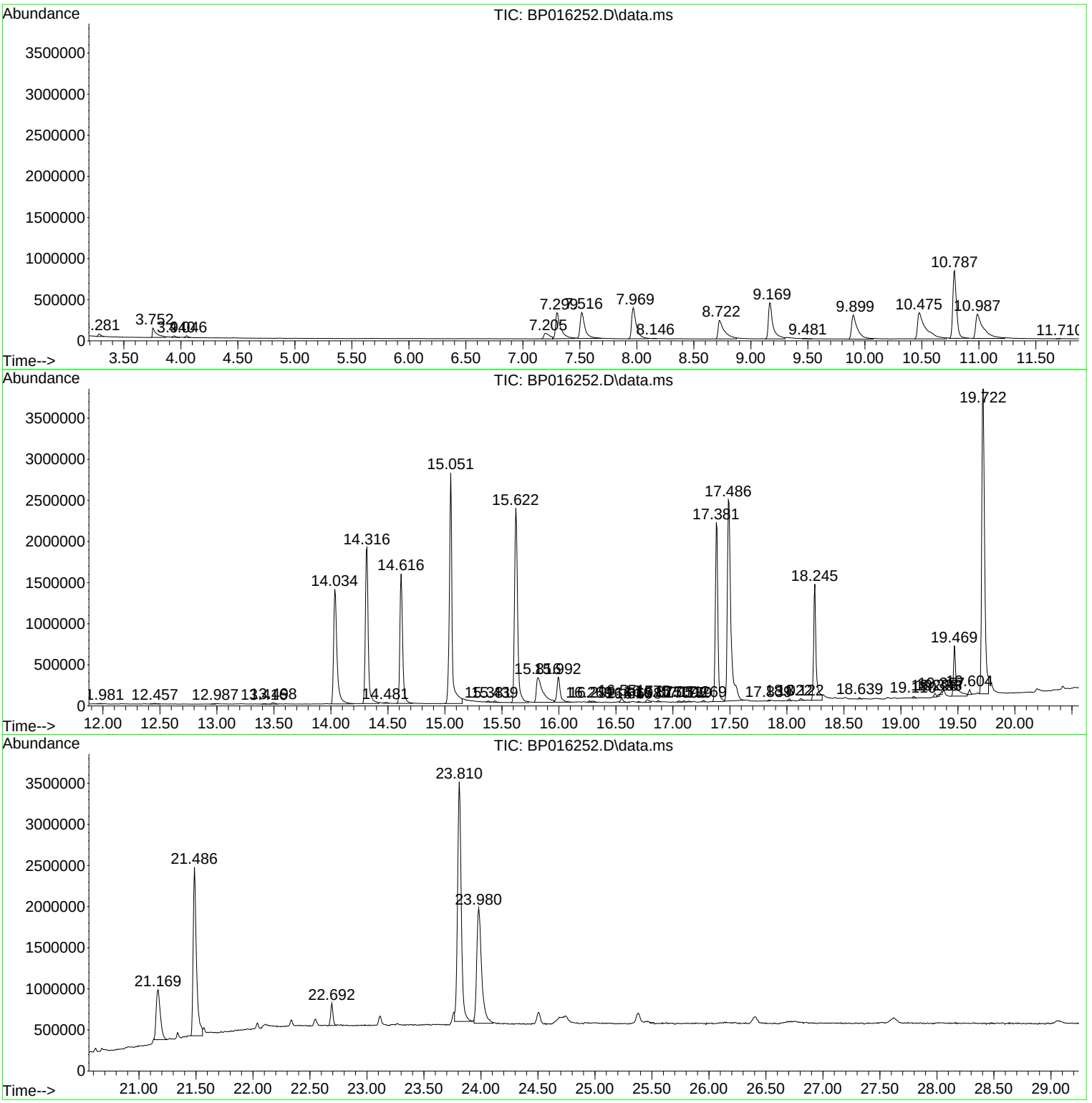
Instrument :
BNA_P
ClientSampleId :
C0C58

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016252.D
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Operator : MA/JU
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Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

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

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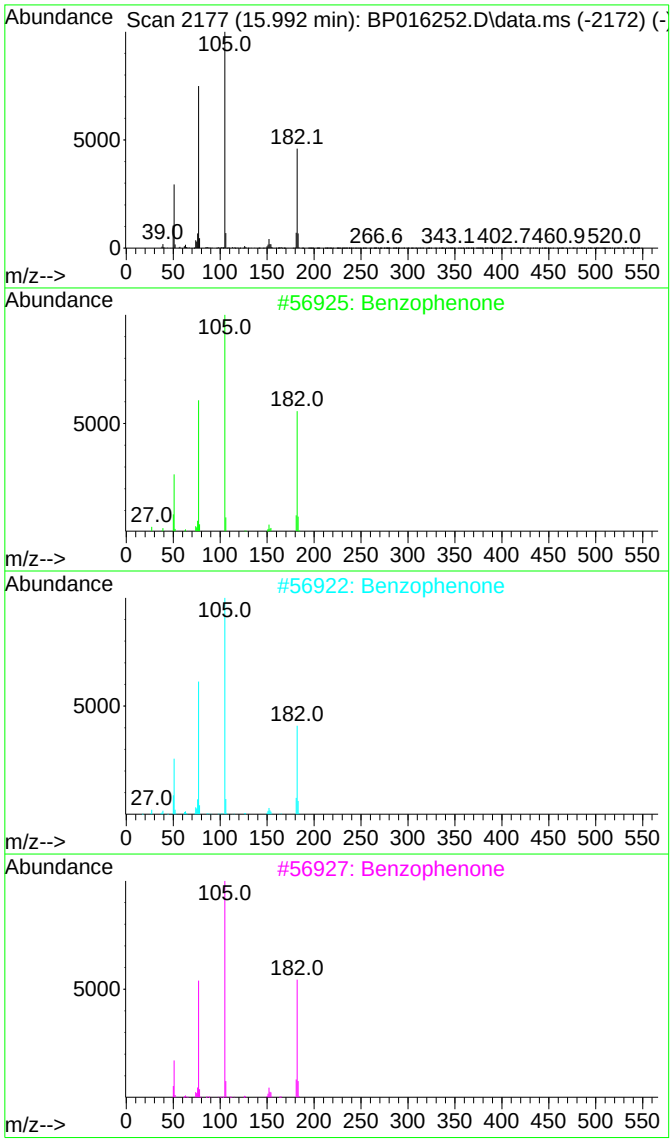
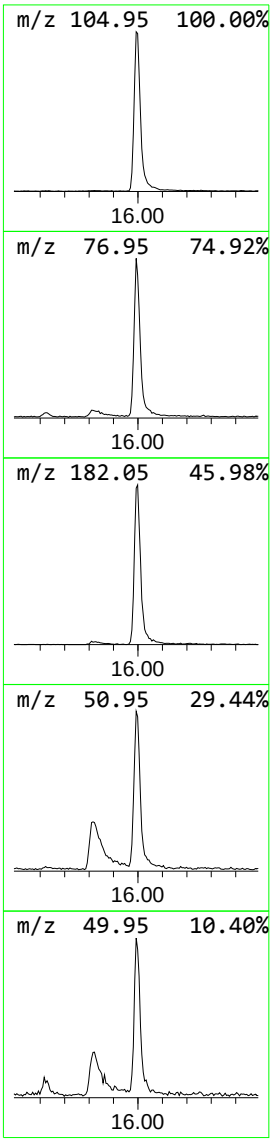
Peak Number 1 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.992	4.69 ng/ul	613712	Acenaphthene-d10	14.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
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Instrument :
BNA_P
ClientSampleId :
C0C58

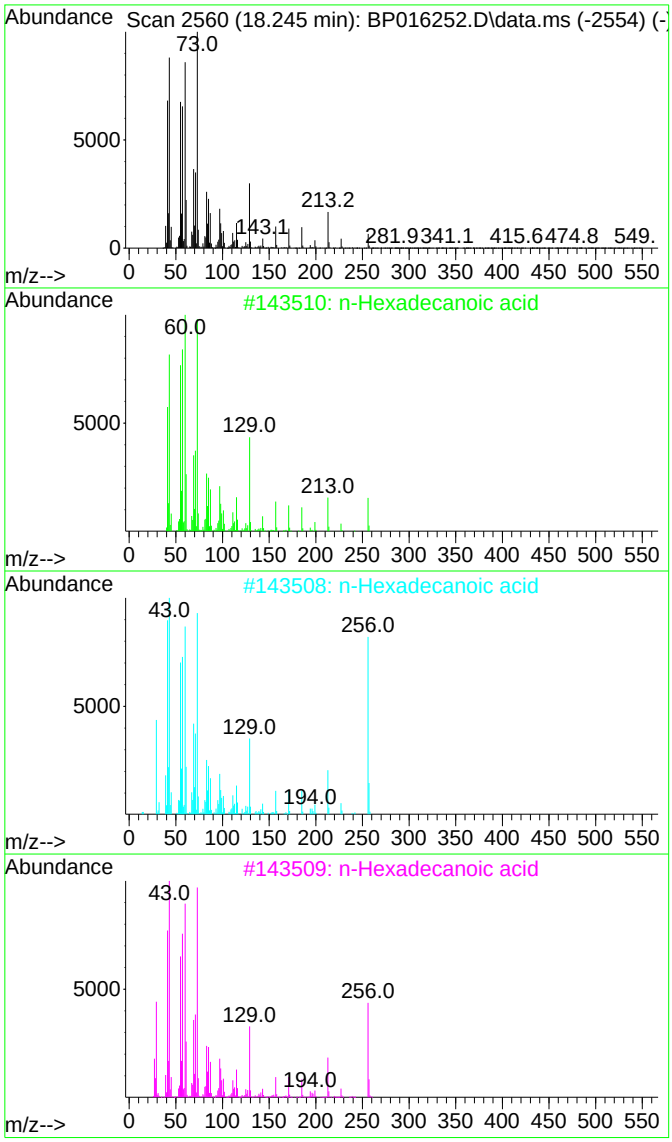
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

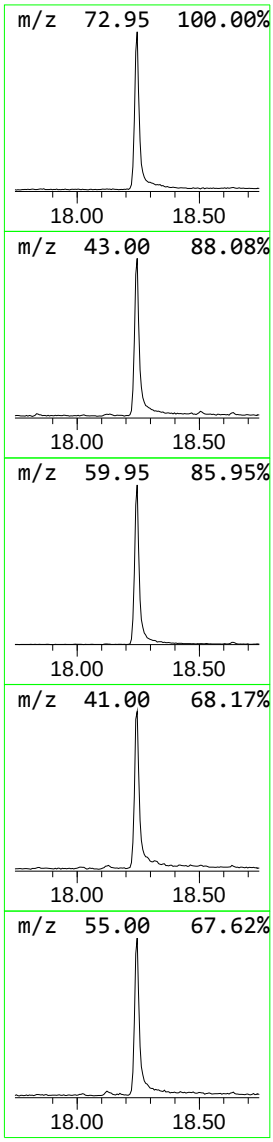
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	12.47 ng/ul	2084230	Phenanthrene-d10	17.381

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92





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Acq On : 17 Jul 2023 14:23
Operator : MA/JU
Sample : 03457-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0C58

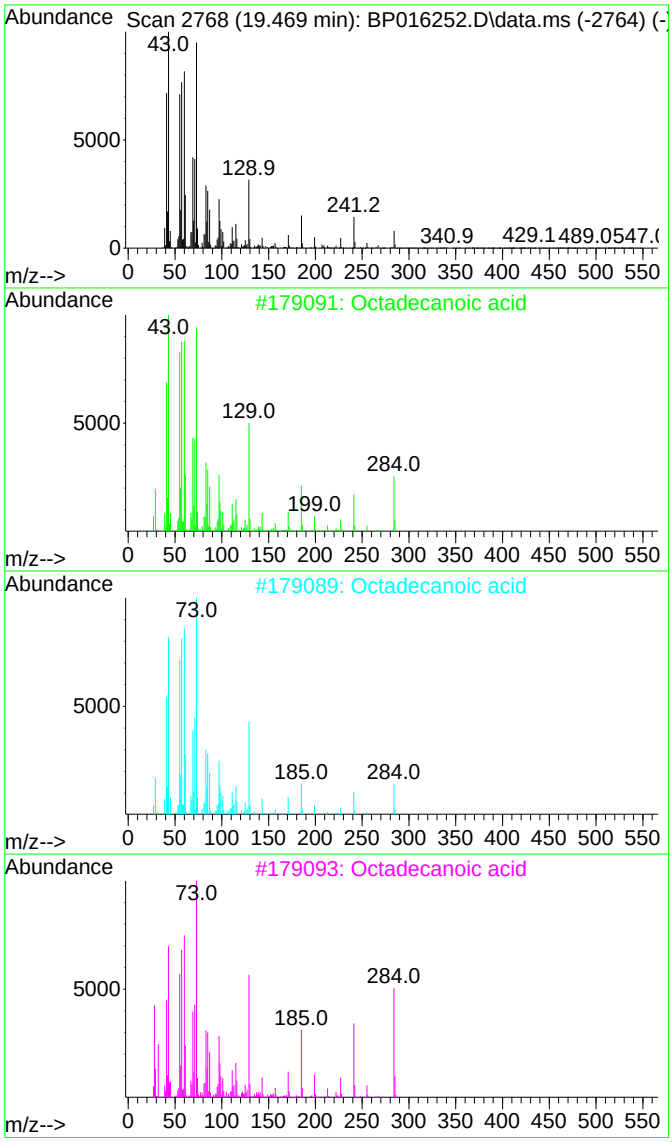
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

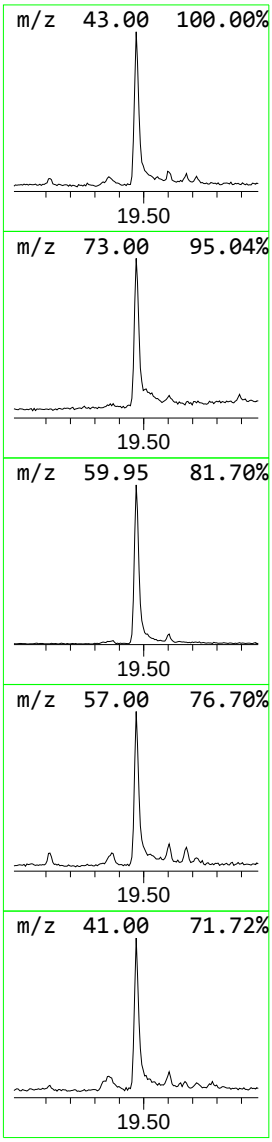
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.469	5.09 ng/ul	1038090	Chrysene-d12	21.486

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	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016252.D
Acq On : 17 Jul 2023 14:23
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Sample : 03457-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0C58

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

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

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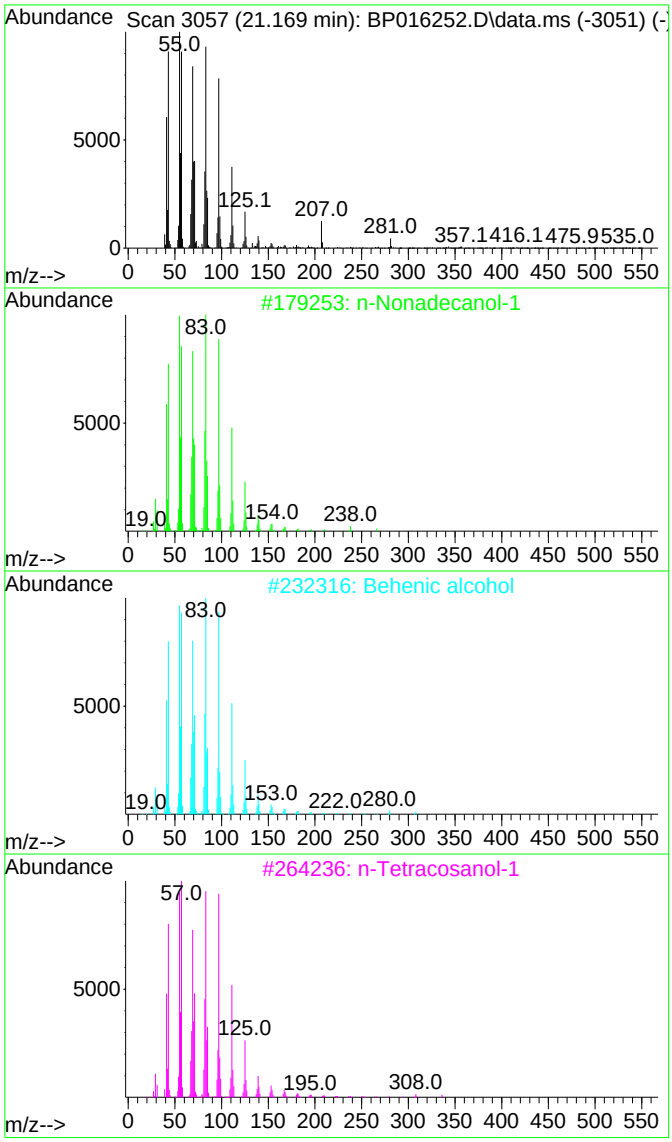
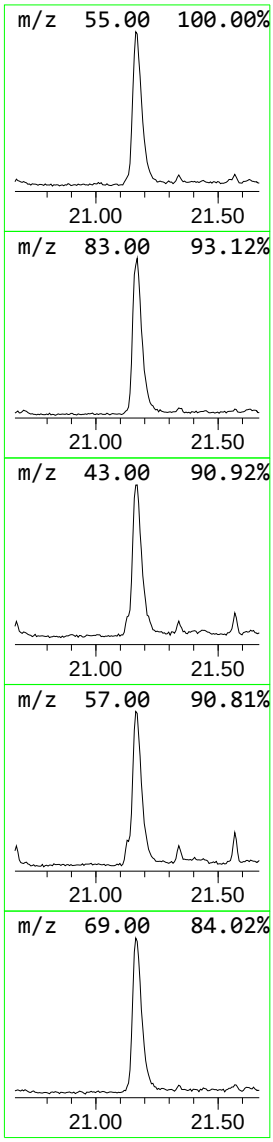
Peak Number 4 n-Nonadecanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.169	7.54 ng/ul	1539740	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Octadecanol	270	C18H38O	000112-92-5	94
5	1-Hexacosene	364	C26H52	018835-33-1	93





Tentatively Identified Compound (LSC) summary

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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.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
Benzophenone	15.992	4.7	ng/ul	613712	3	14.616	2615640	20.0
n-Hexadecanoic ...	18.245	12.5	ng/ul	2084230	4	17.381	3342710	20.0
Octadecanoic acid	19.469	5.1	ng/ul	1038090	5	21.486	4082260	20.0
n-Nonadecanol-1	21.169	7.5	ng/ul	1539740	5	21.486	4082260	20.0