LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016175.D
Acq On : 11 Jul 2023 02:02
Operator : MA/JU
Sample : 03404-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : YBW52

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-BP062623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016175.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.346	23	27	36	rVB	73387	113332	1.24%	0.130%
2	3.793	100	103	123	rBV	497790	1030107	11.27%	1.185%
3	4.105	153	156	163	rVB5	14790	23452	0.26%	0.027%
4	7.211	677	684	700	rBV	561922	1897190	20.75%	2.183%
5	7.340	700	706	734	rVV	749221	1752089	19.17%	2.016%
6	7.546	734	741	765	rVV	822169	1940536	21.23%	2.233%
7	8.011	813	820	847	rBV	552278	1511349	16.53%	1.739%
8	8.763	941	948	985	rBV	722612	2671082	29.22%	3.074%
9	9.210	1017	1024	1051	rBV	715447	2131830	23.32%	2.453%
10	9.522	1073	1077	1081	rVB6	8219	12514	0.14%	0.014%
11	9.952	1141	1150	1180	rBV	460762	1852117	20.26%	2.131%
12	10.546	1243	1251	1294	rBV	505824	2645741	28.94%	3.045%
13	10.840	1294	1301	1323	rVB	923132	2431429	26.60%	2.798%
14	11.057	1330	1338	1371	rBV2	339958	1701289	18.61%	1.958%
15	12.022	1497	1502	1505	rBV6	5524	9175	0.10%	0.011%
16	12.510	1581	1585	1587	rBV5	13092	19581	0.21%	0.023%
17	13.546	1755	1761	1770	rVV3	26922	61512	0.67%	0.071%
18	13.675	1776	1783	1789	rBV10	7061	18120	0.20%	0.021%
19	14.081	1844	1852	1875	rBV	2121606	4807443	52.59%	5.532%
20	14.357	1892	1899	1926	rBV	3149046	5610283	61.37%	6.456%
21	14.534	1926	1929	1936	rVB6	14990	29893	0.33%	0.034%
22	14.663	1944	1951	1970	rBV	1986602	3378939	36.96%	3.888%
23	14.940	1993	1998	2004	rBV9	9381	22284	0.24%	0.026%
24	15.028	2004	2013	2023	rBV5	184352	876326	9.59%	1.008%
25	15.434	2079	2082	2087	rVB6	9763	13809	0.15%	0.016%
26	15.492	2088	2092	2100	rVB4	14171	26773	0.29%	0.031%
27	15.669	2115	2122	2141	rBV	3179458	7108251	77.76%	8.180%
28	15.857	2149	2154	2180	rBV	422364	1731438	18.94%	1.992%
29	16.045	2181	2186	2205	rVB	607158	1012669	11.08%	1.165%
30	16.310	2228	2231	2234	rBV3	14157	15884	0.17%	0.018%
31	16.457	2253	2256	2262	rVB8	8120	14686	0.16%	0.017%
32	16.598	2277	2280	2289	rVB4	14799	25037	0.27%	0.029%
33	16.851	2319	2323	2330	rVV8	11644	24770	0.27%	0.029%
34	16.910	2330	2333	2339	rVB5	11897	16171	0.18%	0.019%
35	17.087	2359	2363	2368	rBV7	12745	25404	0.28%	0.029%
36	17.134	2368	2371	2374	rVB4	10575	13503	0.15%	0.016%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016175.D
Acq On : 11 Jul 2023 02:02
Operator : MA/JU
Sample : 03404-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW52

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-BP062623.MA.M
Title : SVOA CALIBRATION

37	17.181	2376	2379	2384	rBV7	6120	11561	0.13%	0.013%
38	17.428	2413	2421	2433	rBV	2713307	4071231	44.54%	4.685%
39	17.534	2433	2439	2464	rVV2	3041408	7728610	84.55%	8.894%
40	18.163	2543	2546	2552	rBV7	9859	14979	0.16%	0.017%
41	18.286	2561	2567	2578	rBV	616555	1280009	14.00%	1.473%
42	19.345	2743	2747	2750	rBV2	59172	87186	0.95%	0.100%
43	19.375	2750	2752	2754	rVV2	51966	63601	0.70%	0.073%
44	19.422	2758	2760	2769	rVV	68187	114257	1.25%	0.131%
45	19.516	2771	2776	2792	rVV	208566	466887	5.11%	0.537%
46	19.710	2806	2809	2812	rBV2	46877	47748	0.52%	0.055%
47	19.763	2812	2818	2847	rBV	4407320	9141250	100.00%	10.519%
48	20.228	2894	2897	2901	rBV	104676	119267	1.30%	0.137%
49	20.716	2976	2980	2983	rBV	151880	170031	1.86%	0.196%
50	21.163	3053	3056	3059	rBV	204515	224664	2.46%	0.259%
51	21.216	3059	3065	3078	rVV3	568171	1626502	17.79%	1.872%
52	21.545	3116	3121	3130	rBV2	1620822	3722672	40.72%	4.284%
53	22.086	3210	3213	3217	rVB2	184695	221048	2.42%	0.254%
54	22.598	3297	3300	3304	rVB	217261	254044	2.78%	0.292%
55	22.745	3322	3325	3329	rVB	240947	304608	3.33%	0.351%
56	23.174	3394	3398	3406	rVB	256243	384253	4.20%	0.442%
57	23.827	3505	3509	3513	rBV	274349	451438	4.94%	0.519%
58	23.898	3514	3521	3542	rVV2	2430469	6576297	71.94%	7.568%
59	24.068	3544	3550	3573	rVB	962425	3243190	35.48%	3.732%

Sum of corrected areas: 86901341

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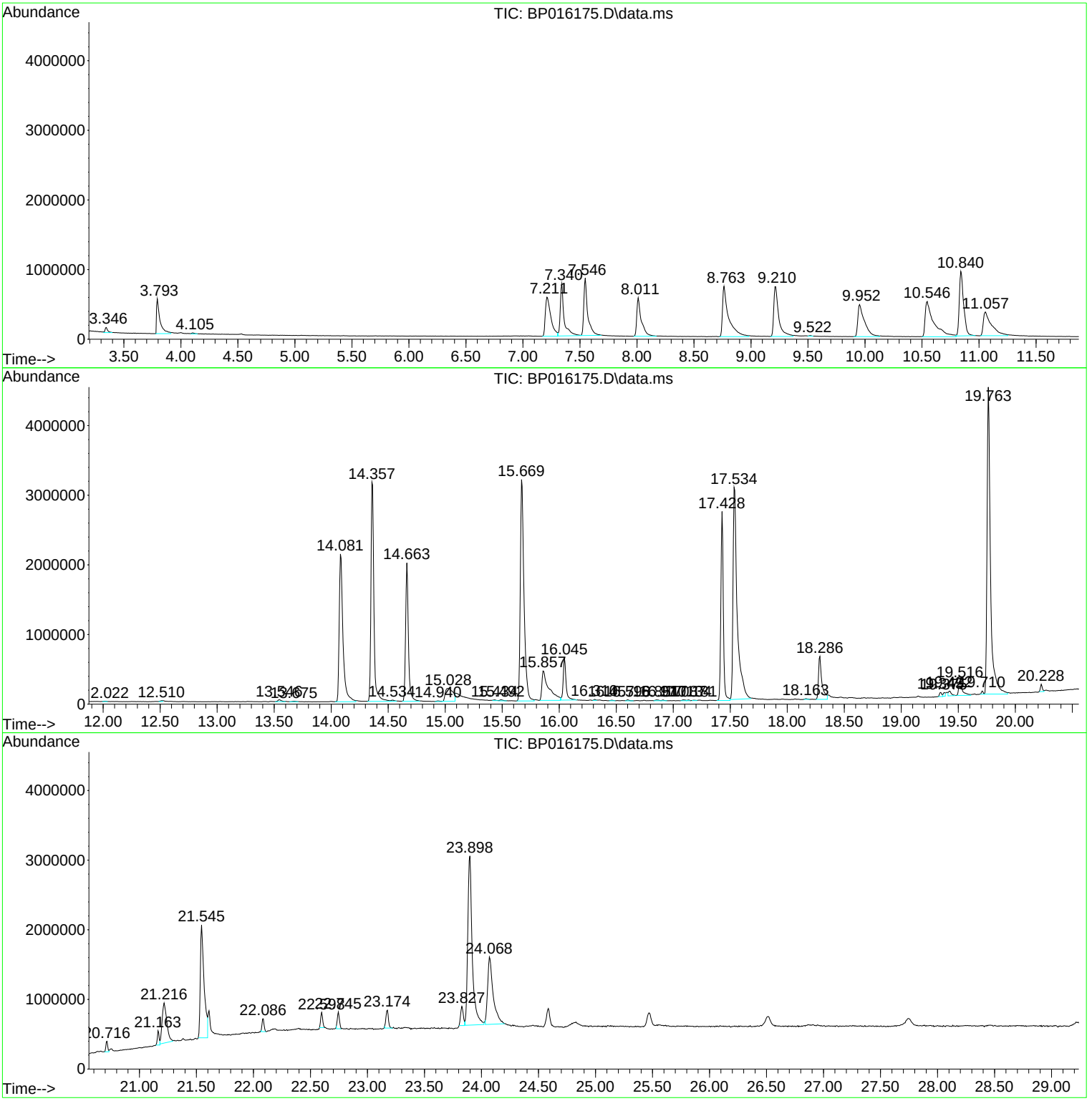
Instrument :
BNA_P
ClientSampleId :
YBW52

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.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\BP071023\
Data File : BP016175.D
Acq On : 11 Jul 2023 02:02
Operator : MA/JU
Sample : 03404-16
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Quant Title : SVOA CALIBRATION

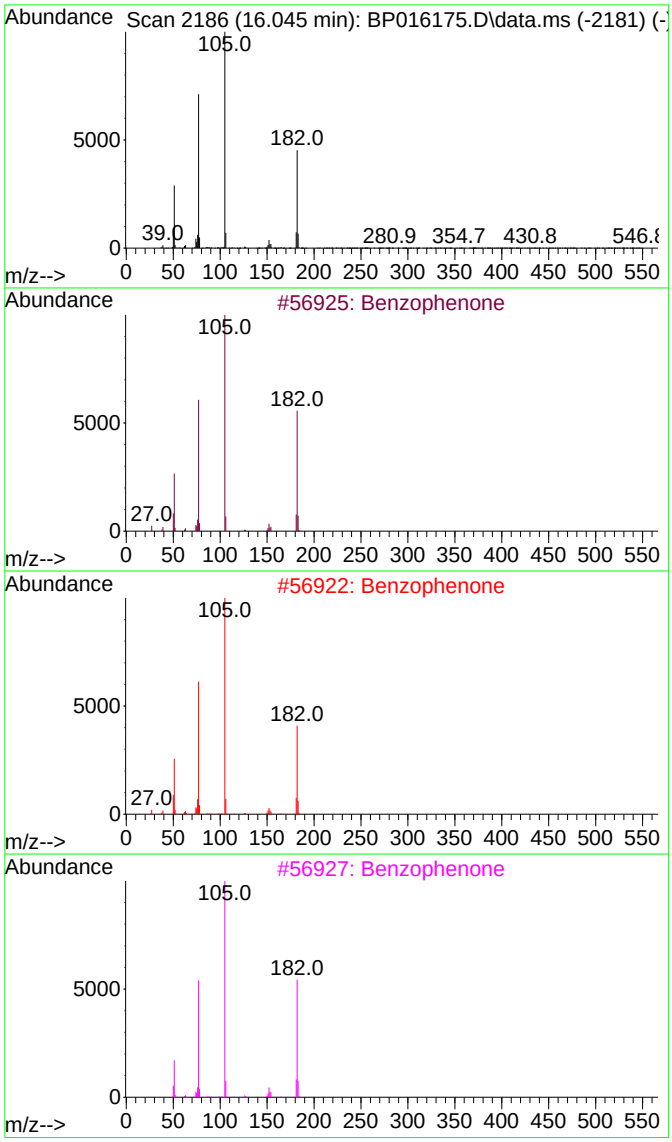
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

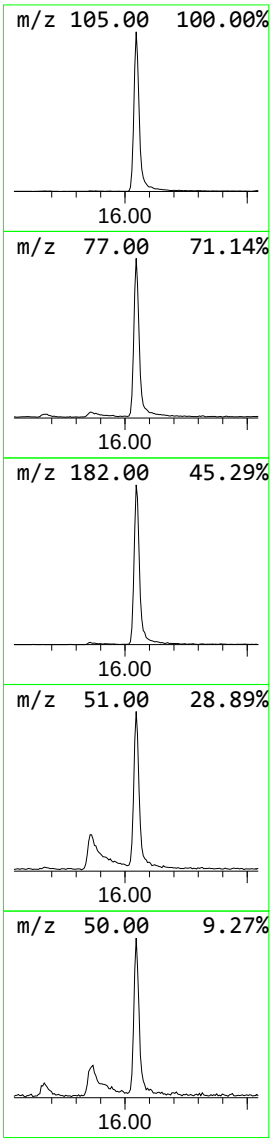
****

Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.045	5.99 ng/ul	1012670	Acenaphthene-d10	14.663

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	Benzophenone	182	C13H10O	000119-61-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016175.D
Acq On : 11 Jul 2023 02:02
Operator : MA/JU
Sample : 03404-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW52

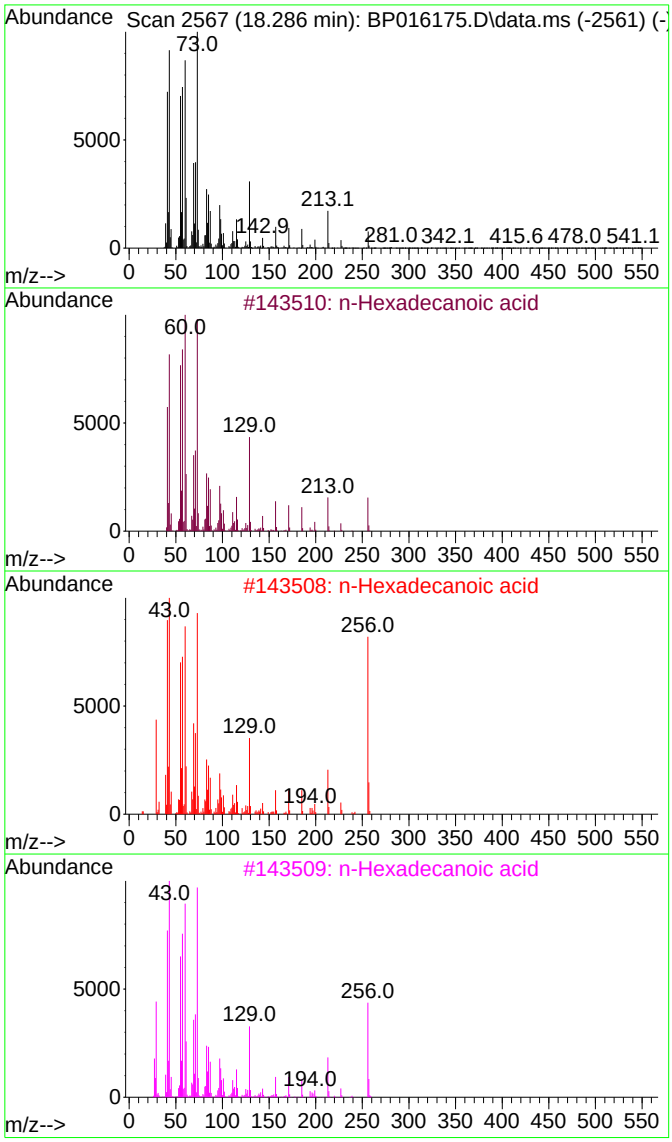
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

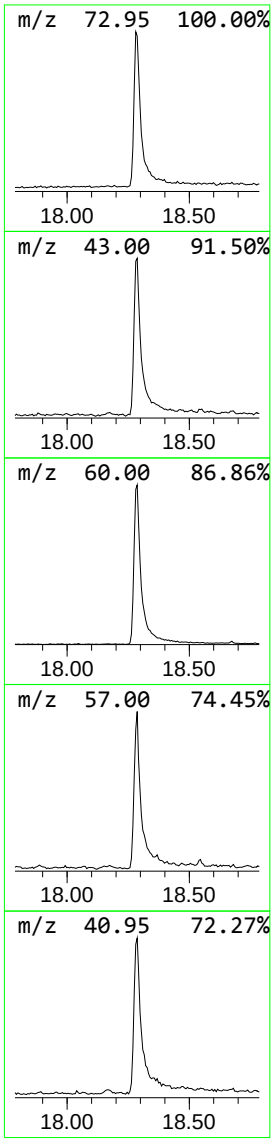
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	6.29 ng/ul	1280010	Phenanthrene-d10	17.428

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	Tridecanoic acid	214	C13H26O2	000638-53-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016175.D
Acq On : 11 Jul 2023 02:02
Operator : MA/JU
Sample : 03404-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW52

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

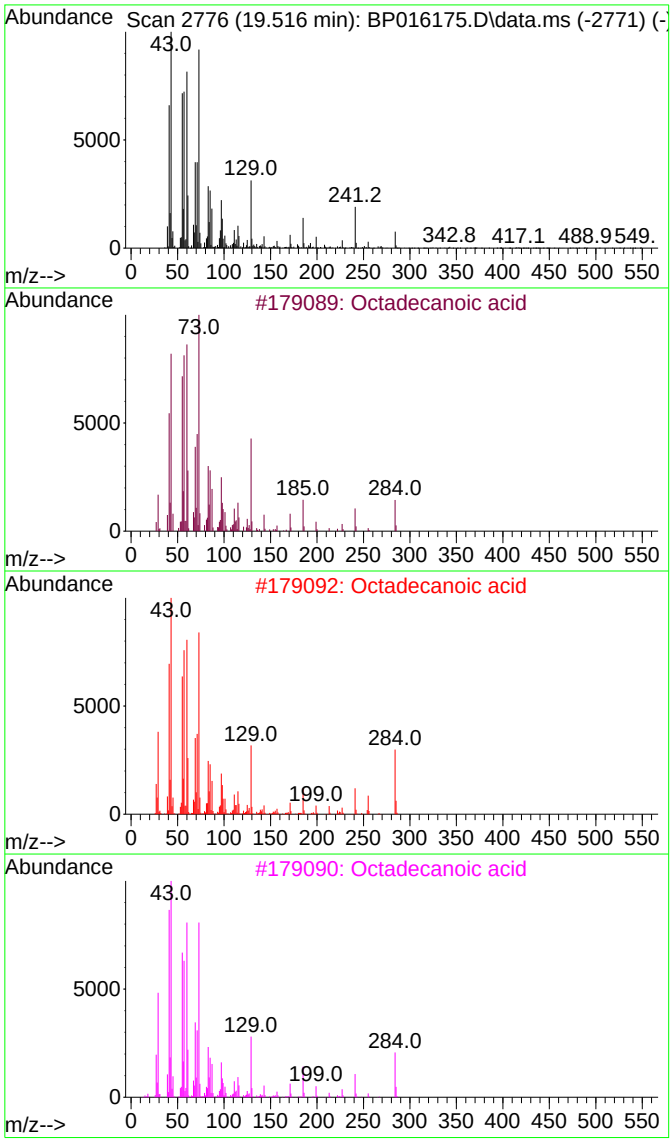
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

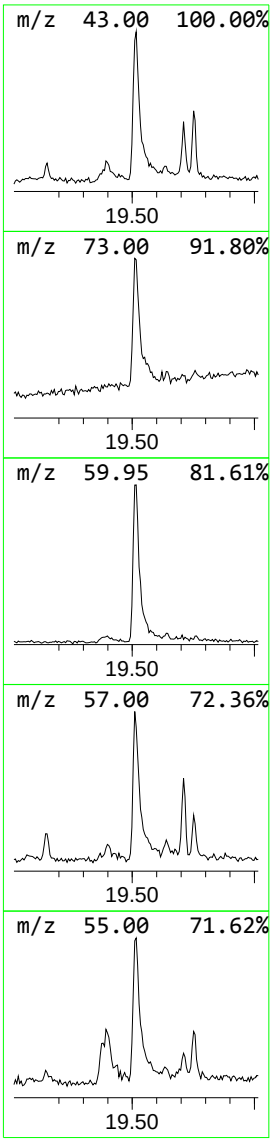
****

Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.516	2.51 ng/ul	466887	Chrysene-d12	21.545

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	Octadecanoic acid	284	C18H36O2	000057-11-4	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	86
5	Octadecanoic acid	284	C18H36O2	000057-11-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016175.D
Acq On : 11 Jul 2023 02:02
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Sample : 03404-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW52

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

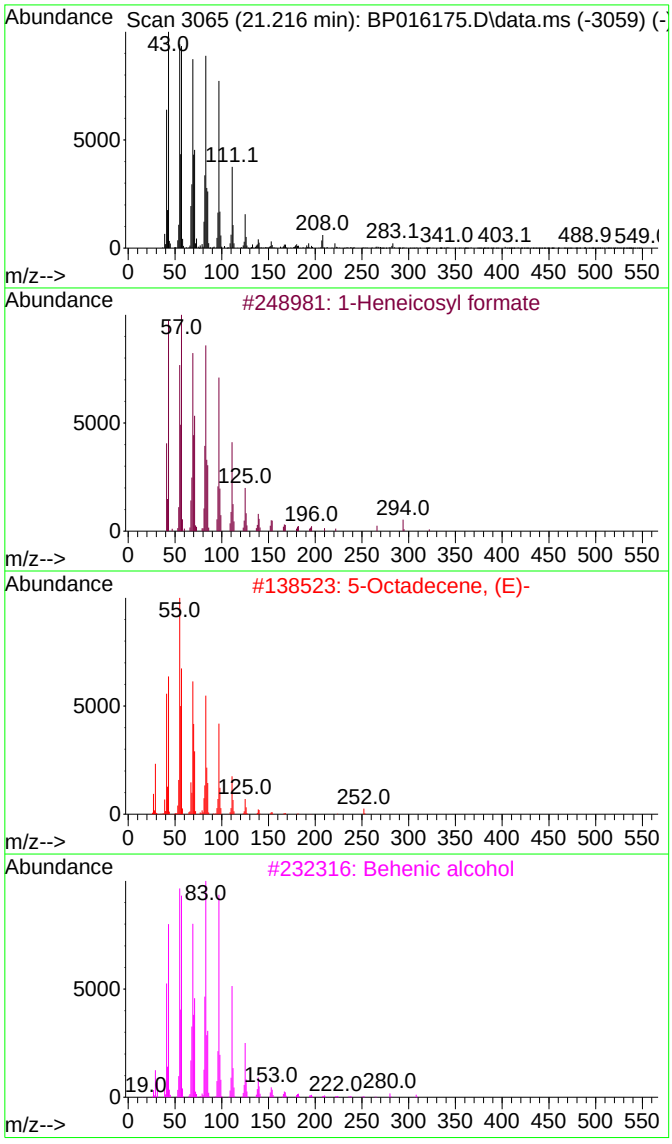
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

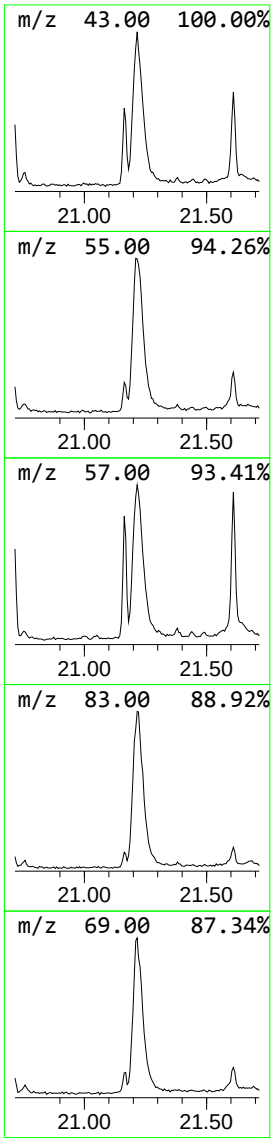
****

Peak Number 4 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.216	8.74 ng/ul	1626500	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	96
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
5	1-Tricosene	322	C23H46	018835-32-0	94





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Acq On : 11 Jul 2023 02:02
Operator : MA/JU
Sample : 03404-16
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ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW52

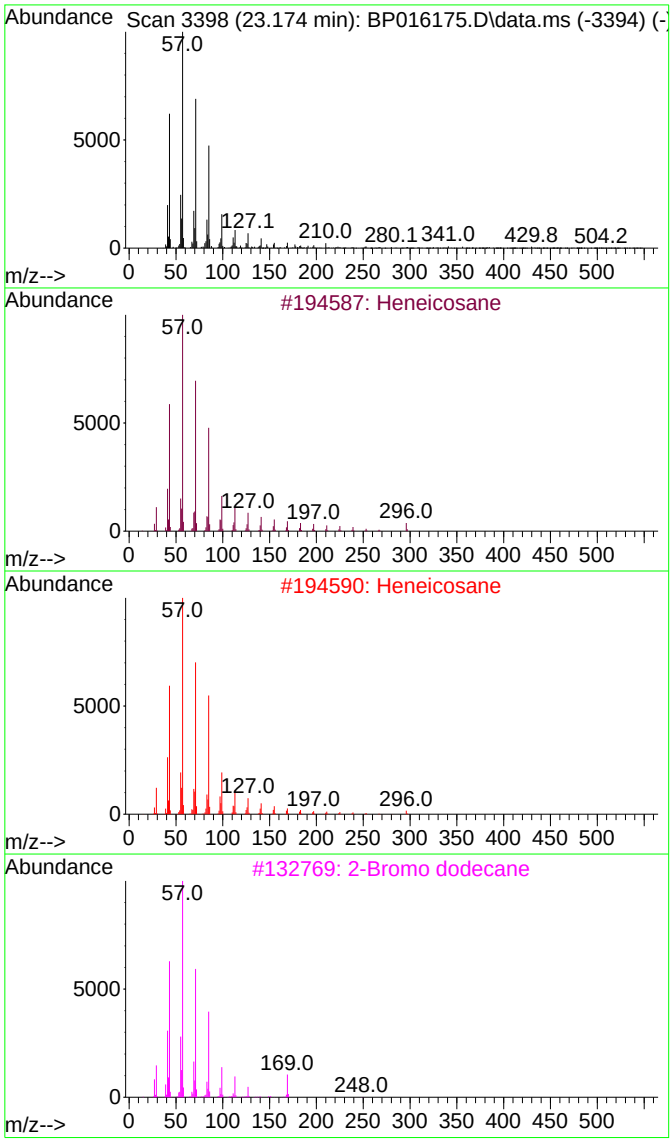
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

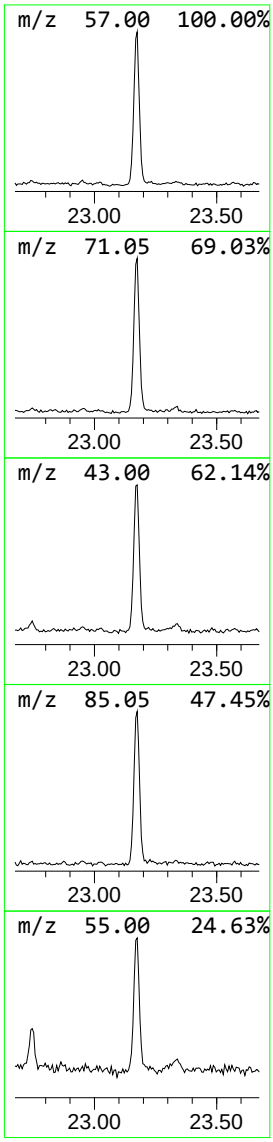
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.174	2.37 ng/ul	384253	Perylene-d12	24.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Heneicosane	296	C21H44	000629-94-7	94
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4	Dotriacontane, 2-methyl-	465	C33H68	001720-11-2	91
5	Heneicosane	296	C21H44	000629-94-7	91





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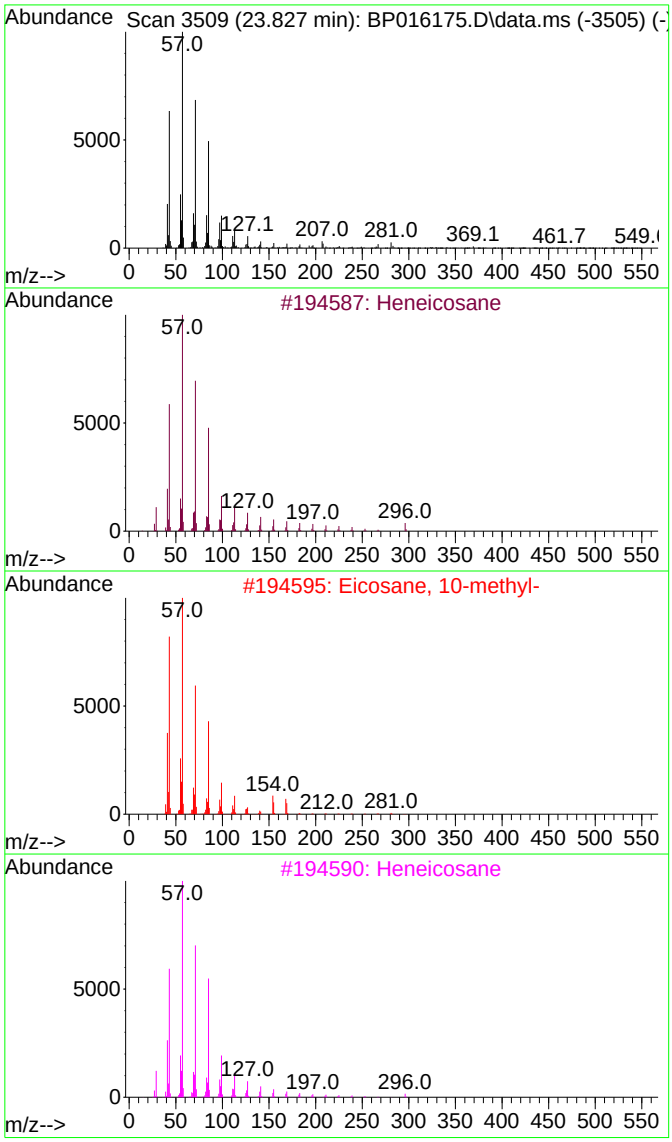
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

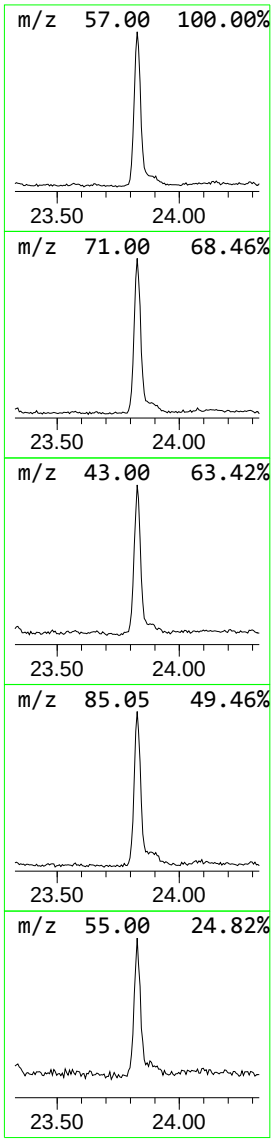
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.827	2.78 ng/ul	451438	Perylene-d12	24.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane, 3-methyl-	296	C21H44	006418-46-8	90
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016175.D
Acq On : 11 Jul 2023 02:02
Operator : MA/JU
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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.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	16.045	6.0	ng/ul	1012670	3	14.663	3378940	20.0
n-Hexadecanoic ...	18.286	6.3	ng/ul	1280010	4	17.428	4071230	20.0
Octadecanoic acid	19.516	2.5	ng/ul	466887	5	21.545	3722670	20.0
1-Heneicosyl fo...	21.216	8.7	ng/ul	1626500	5	21.545	3722670	20.0
(DEL) Alkane: S...	23.174	2.4	ng/ul	384253	6	24.069	3243190	20.0
(DEL) Alkane: S...	23.827	2.8	ng/ul	451438	6	24.069	3243190	20.0