LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051523\
Data File : BP015084.D
Acq On : 15 May 2023 20:49
Operator : CG/JU
Sample : 02592-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREE0

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-BP051123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015084.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.434	4	8	18	rVB	96386	147842	0.85%	0.091%
2	3.875	79	83	100	rBV	1311272	2103137	12.06%	1.296%
3	4.117	121	124	133	rVB	18085	33627	0.19%	0.021%
4	4.216	137	141	145	rBV	21475	31829	0.18%	0.020%
5	4.564	196	200	204	rBV2	17474	20495	0.12%	0.013%
6	4.681	213	220	228	rVB2	28854	54967	0.32%	0.034%
7	5.169	300	303	310	rVB3	11271	19135	0.11%	0.012%
8	5.422	342	346	357	rVB	84083	131361	0.75%	0.081%
9	5.793	404	409	415	rVB	16198	27741	0.16%	0.017%
10	7.034	615	620	628	rBV	128582	201025	1.15%	0.124%
11	7.287	656	663	678	rVB	2503143	4078176	23.39%	2.513%
12	7.458	681	692	702	rVB	2300664	3639266	20.87%	2.242%
13	7.663	719	727	737	rBV	2637371	4283339	24.57%	2.639%
14	8.134	799	807	815	rBV	1124794	1817483	10.42%	1.120%
15	8.846	919	928	946	rBV	3473867	5940752	34.07%	3.660%
16	9.316	997	1008	1018	rBV	2623872	4411097	25.30%	2.718%
17	9.710	1070	1075	1081	rVB	78717	118900	0.68%	0.073%
18	10.040	1120	1131	1144	rBV	2193540	3676450	21.09%	2.265%
19	10.469	1197	1204	1211	rVB5	10254	20761	0.12%	0.013%
20	10.581	1215	1223	1238	rBV	3463769	5906438	33.88%	3.639%
21	10.969	1279	1289	1298	rBV	1715575	2854939	16.37%	1.759%
22	11.104	1304	1312	1331	rBV	3625283	6233573	35.75%	3.841%
23	11.498	1373	1379	1386	rVB10	10848	23434	0.13%	0.014%
24	12.204	1495	1499	1505	rVB2	51533	71819	0.41%	0.044%
25	12.445	1534	1540	1548	rBV2	14395	31566	0.18%	0.019%
26	12.545	1550	1557	1563	rBV2	42173	81016	0.46%	0.050%
27	12.604	1563	1567	1576	rVB4	27352	50513	0.29%	0.031%
28	12.934	1619	1623	1630	rBV2	42936	74318	0.43%	0.046%
29	13.045	1636	1642	1651	rBV	68701	121132	0.69%	0.075%
30	13.663	1742	1747	1751	rBV2	14722	21767	0.12%	0.013%
31	13.881	1779	1784	1792	rVB4	30180	49412	0.28%	0.030%
32	14.045	1808	1812	1818	rBV2	23023	37021	0.21%	0.023%
33	14.181	1826	1835	1848	rBV	6659791	9468419	54.30%	5.834%
34	14.292	1850	1854	1860	rVB8	17695	30078	0.17%	0.019%
35	14.475	1877	1885	1895	rBV	7356348	11281948	64.71%	6.951%
36	14.775	1930	1936	1943	rBV	2603901	3978989	22.82%	2.452%

LSC Area Percent Report

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Acq On : 15 May 2023 20:49
Operator : CG/JU
Sample : 02592-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREE0

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-BP051123.MA.M
Title : SVOA CALIBRATION

37	14.822	1943	1944	1949	rVV5	21105	28282	0.16%	0.017%
38	14.869	1949	1952	1958	rVB4	27176	43523	0.25%	0.027%
39	14.963	1961	1968	1985	rBV	1333965	2105180	12.07%	1.297%
40	15.175	1999	2004	2015	rVB3	67905	146799	0.84%	0.090%
41	15.728	2092	2098	2099	rBV2	42831	54159	0.31%	0.033%
42	15.769	2099	2105	2118	rVV	9295504	13793588	79.11%	8.499%
43	15.881	2118	2124	2140	rVV	1442547	2059022	11.81%	1.269%
44	16.004	2140	2145	2152	rVB	48781	81655	0.47%	0.050%
45	16.128	2160	2166	2180	rVB	713457	957138	5.49%	0.590%
46	16.551	2235	2238	2246	rVB7	11482	18229	0.10%	0.011%
47	16.651	2251	2255	2259	rVB	24398	31689	0.18%	0.020%
48	16.910	2295	2299	2306	rBV8	16350	25801	0.15%	0.016%
49	16.975	2306	2310	2316	rBV2	33751	46515	0.27%	0.029%
50	17.204	2344	2349	2354	rBV5	14499	21119	0.12%	0.013%
51	17.310	2364	2367	2377	rVB6	19326	41619	0.24%	0.026%
52	17.410	2380	2384	2391	rVV2	23750	42898	0.25%	0.026%
53	17.528	2398	2404	2413	rBV	3320217	4857872	27.86%	2.993%
54	17.633	2415	2422	2432	rVV2	10087468	15027759	86.19%	9.259%
55	17.710	2432	2435	2445	rVV2	114699	203270	1.17%	0.125%
56	17.798	2448	2450	2458	rVB3	14349	22169	0.13%	0.014%
57	17.904	2464	2468	2473	rVB5	14332	25872	0.15%	0.016%
58	18.045	2488	2492	2498	rVB2	32616	44312	0.25%	0.027%
59	18.275	2525	2531	2536	rBV4	61392	110835	0.64%	0.068%
60	18.392	2545	2551	2560	rBV	1241041	1800963	10.33%	1.110%
61	18.951	2643	2646	2649	rVB3	29987	35801	0.21%	0.022%
62	19.269	2697	2700	2704	rBV2	35649	45648	0.26%	0.028%
63	19.427	2722	2727	2731	rBV	150862	212793	1.22%	0.131%
64	19.492	2731	2738	2747	rVV2	154614	336708	1.93%	0.207%
65	19.610	2754	2758	2766	rBV	476147	684083	3.92%	0.421%
66	19.716	2773	2776	2780	rVB2	44668	49937	0.29%	0.031%
67	19.851	2792	2799	2812	rBV	12552015	17435706	100.00%	10.743%
68	20.345	2879	2883	2887	rVB	260438	258874	1.48%	0.159%
69	20.827	2961	2965	2968	rBV	259180	283177	1.62%	0.174%
70	21.280	3038	3042	3051	rBV	977074	1318401	7.56%	0.812%
71	21.610	3093	3098	3108	rVB	3696380	4903301	28.12%	3.021%
72	21.733	3116	3119	3125	rVB	279925	320167	1.84%	0.197%
73	22.221	3198	3202	3206	rBV	527675	680697	3.90%	0.419%
74	22.604	3263	3267	3273	rVB2	390041	640080	3.67%	0.394%
75	22.757	3290	3293	3298	rVB	246606	332853	1.91%	0.205%
76	24.021	3499	3508	3526	rVB2	7873127	17236802	98.86%	10.620%

LSC Area Percent Report

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Sample : 02592-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREE0

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
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Title : SVOA CALIBRATION

77	24.180	3528	3535	3546	rVB	2190475	4866398	27.91%	2.998%

Sum of corrected areas: 162305459

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Acq On : 15 May 2023 20:49
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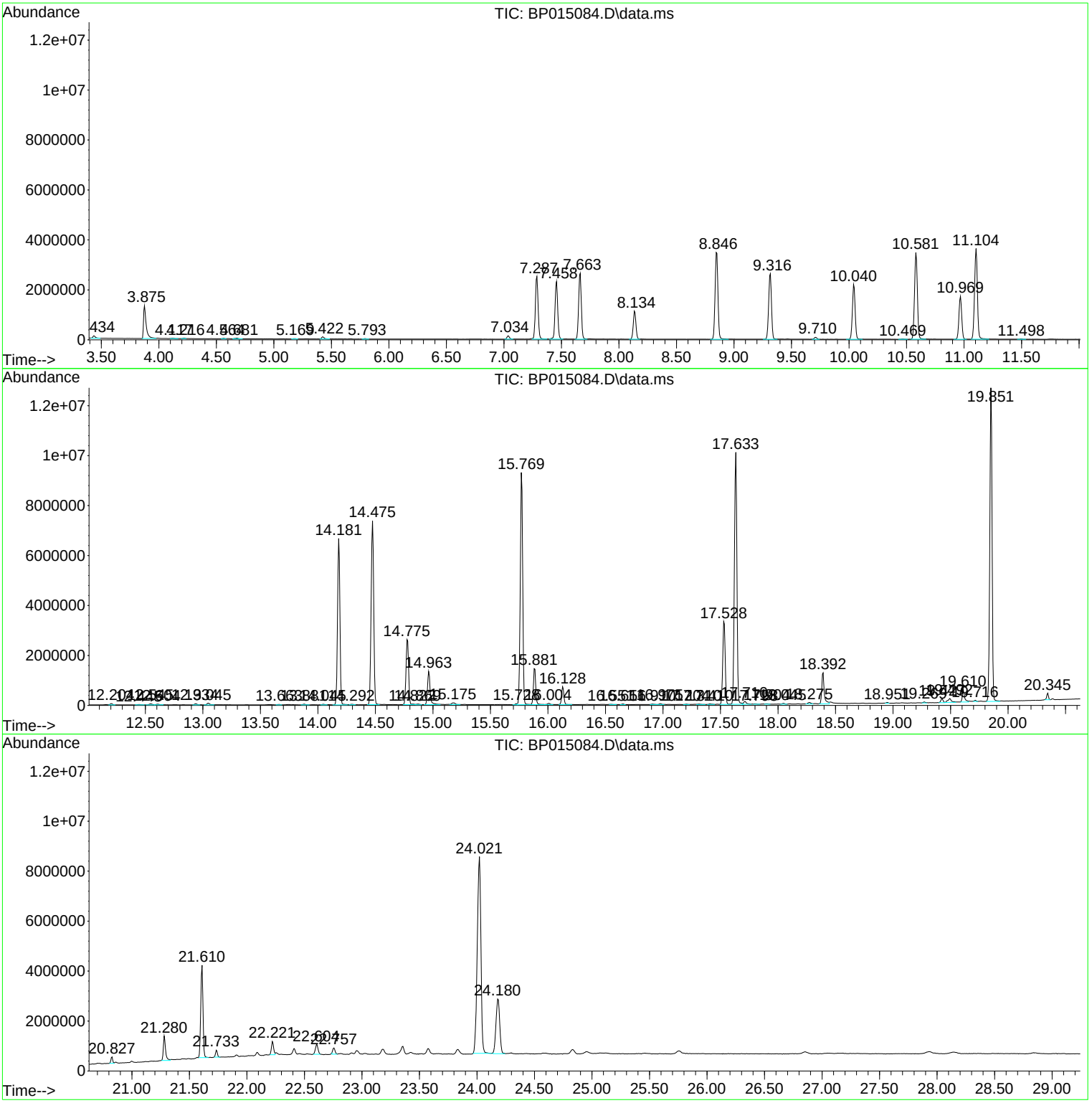
Sample : 02592-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREE0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.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\BP051523\
Data File : BP015084.D
Acq On : 15 May 2023 20:49
Operator : CG/JU
Sample : 02592-19
Misc :
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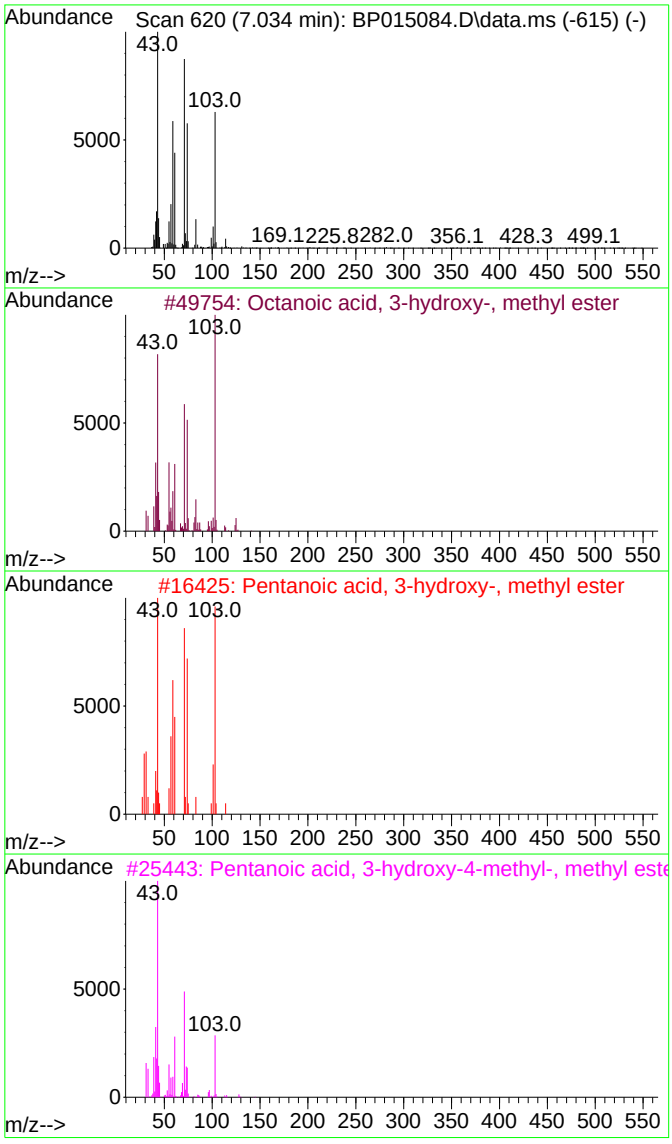
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

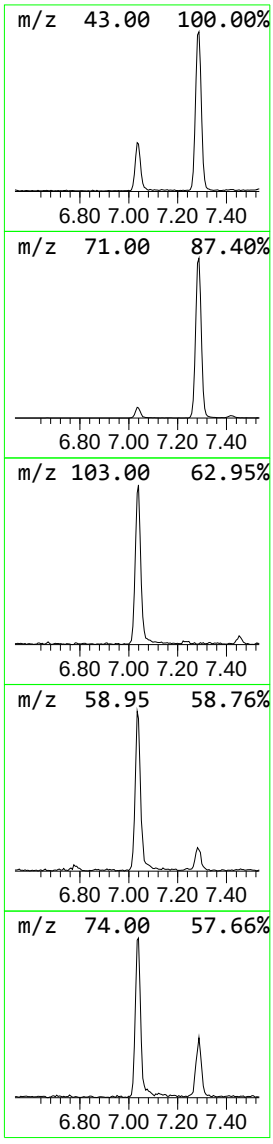
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Octanoic acid, 3-hydroxy-, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.034	2.21 ng/ul	201025	1,4-Dichlorobenzene-d4	8.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, 3-hydroxy-, methy...	174	C9H18O3	007367-87-5	56
2	Pentanoic acid, 3-hydroxy-, meth...	132	C6H12O3	056009-31-5	45
3	Pentanoic acid, 3-hydroxy-4-meth...	146	C7H14O3	065596-31-8	42
4	Oxirane-2-carboxylic acid, methy...	102	C4H6O3	004538-50-5	32
5	Butyric acid, 2,2-dimethyl-, eth...	144	C8H16O2	005129-40-8	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051523\
Data File : BP015084.D
Acq On : 15 May 2023 20:49
Operator : CG/JU
Sample : 02592-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREE0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

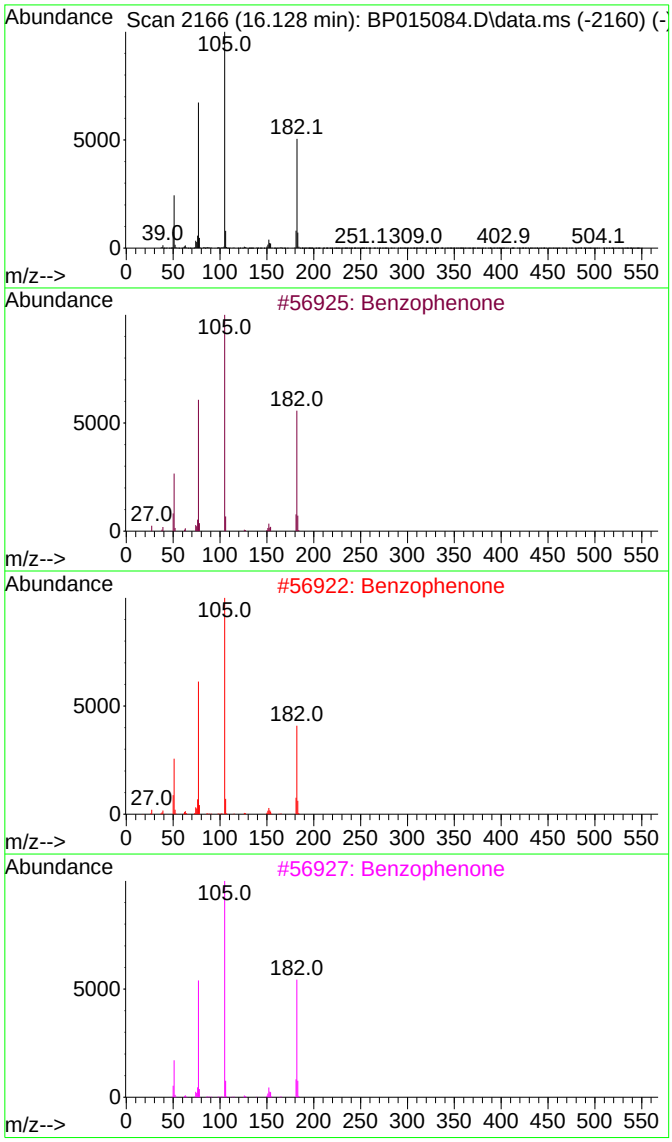
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

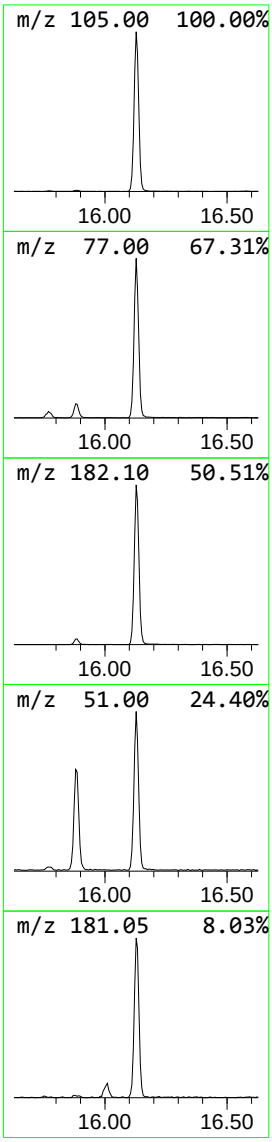
****

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.128	4.81 ng/ul	957138	Acenaphthene-d10	14.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	93
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051523\
Data File : BP015084.D
Acq On : 15 May 2023 20:49
Operator : CG/JU
Sample : 02592-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREE0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

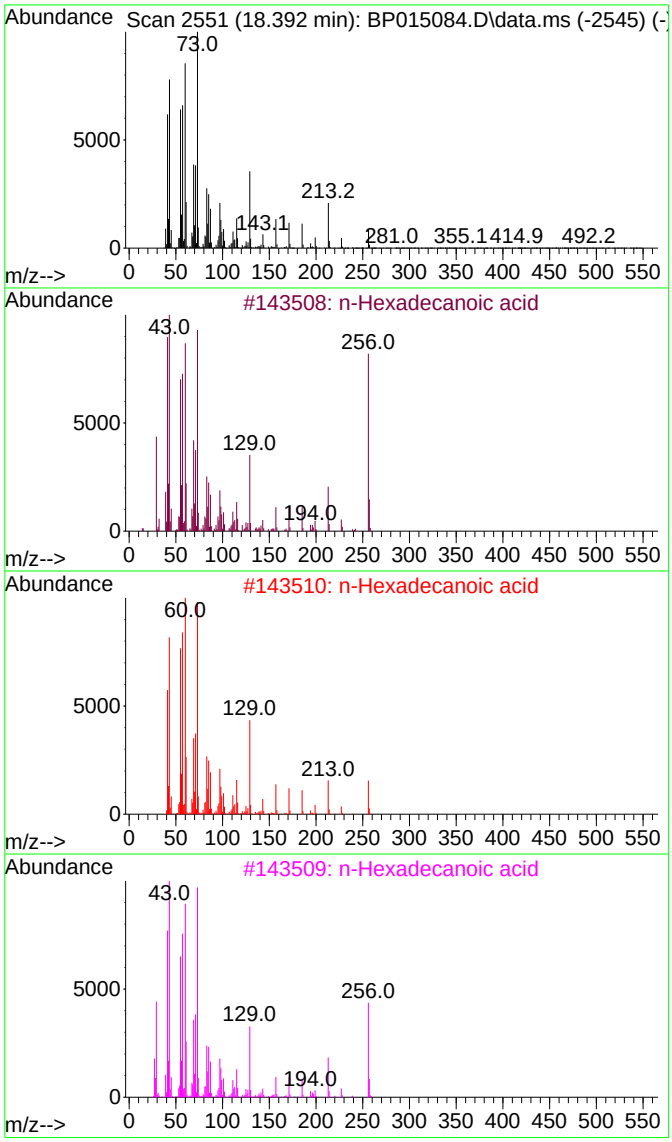
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

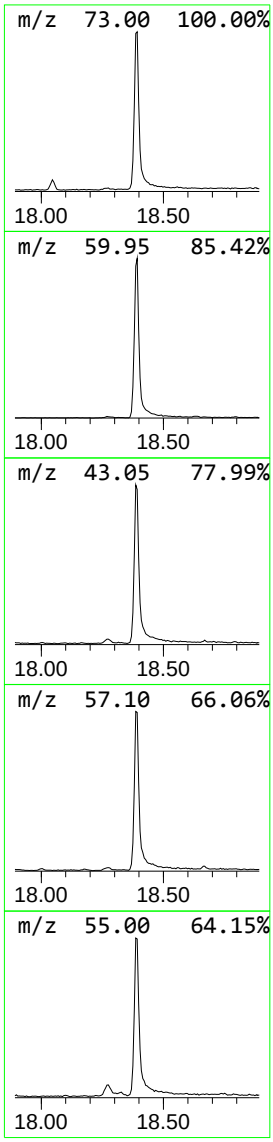
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	7.41 ng/ul	1800960	Phenanthrene-d10	17.528

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	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051523\
Data File : BP015084.D
Acq On : 15 May 2023 20:49
Operator : CG/JU
Sample : 02592-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

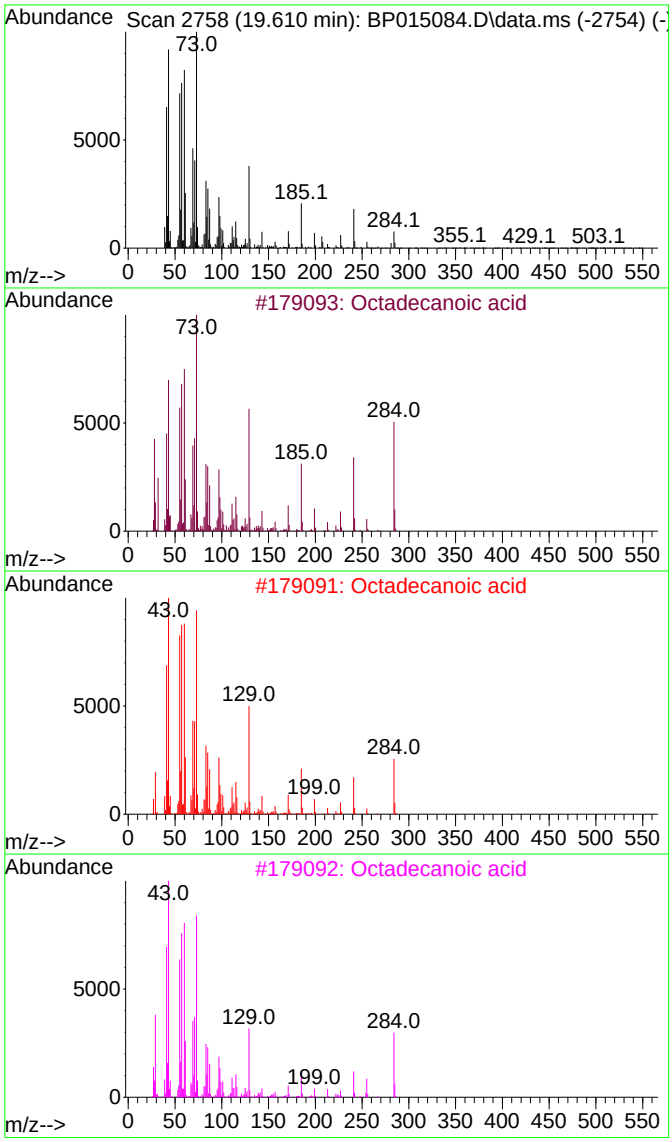
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

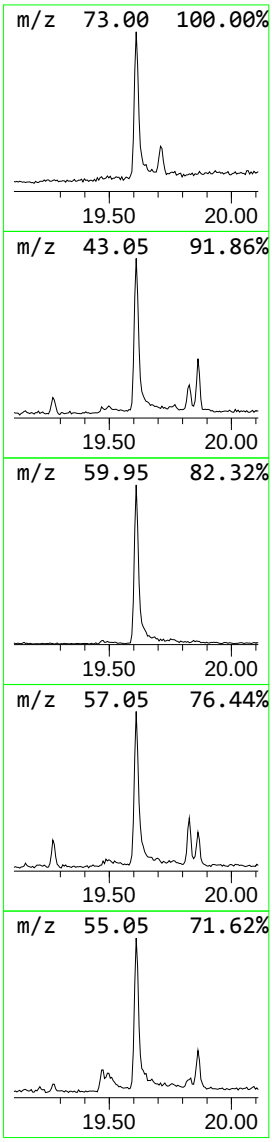
****

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.610	2.79 ng/ul	684083	Chrysene-d12	21.610

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	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051523\
Data File : BP015084.D
Acq On : 15 May 2023 20:49
Operator : CG/JU
Sample : 02592-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREE0

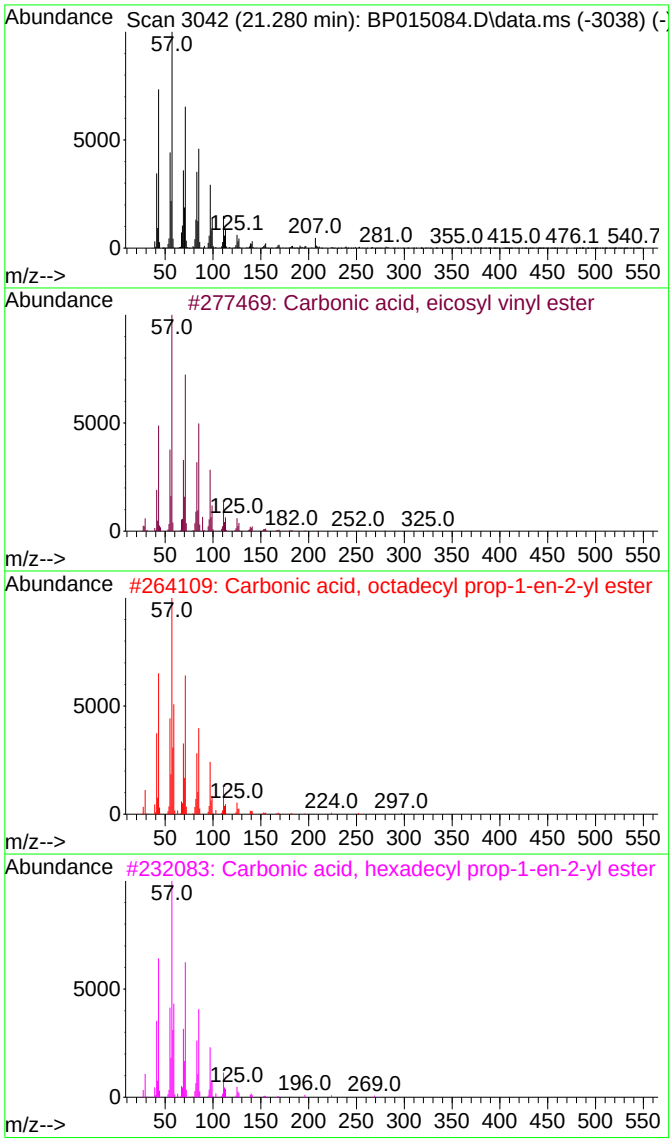
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

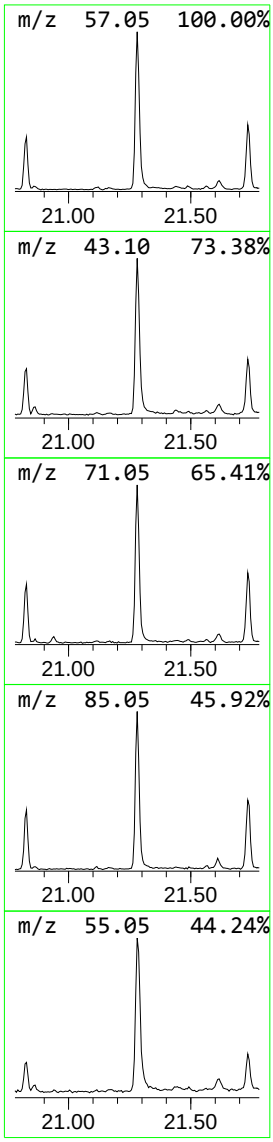
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Carbonic acid, eicosyl viny... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.280	5.38 ng/ul	1318400	Chrysene-d12	21.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	95
2	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91
3	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	91
4	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	87
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	83





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Data File : BP015084.D
Acq On : 15 May 2023 20:49
Operator : CG/JU
Sample : 02592-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREE0

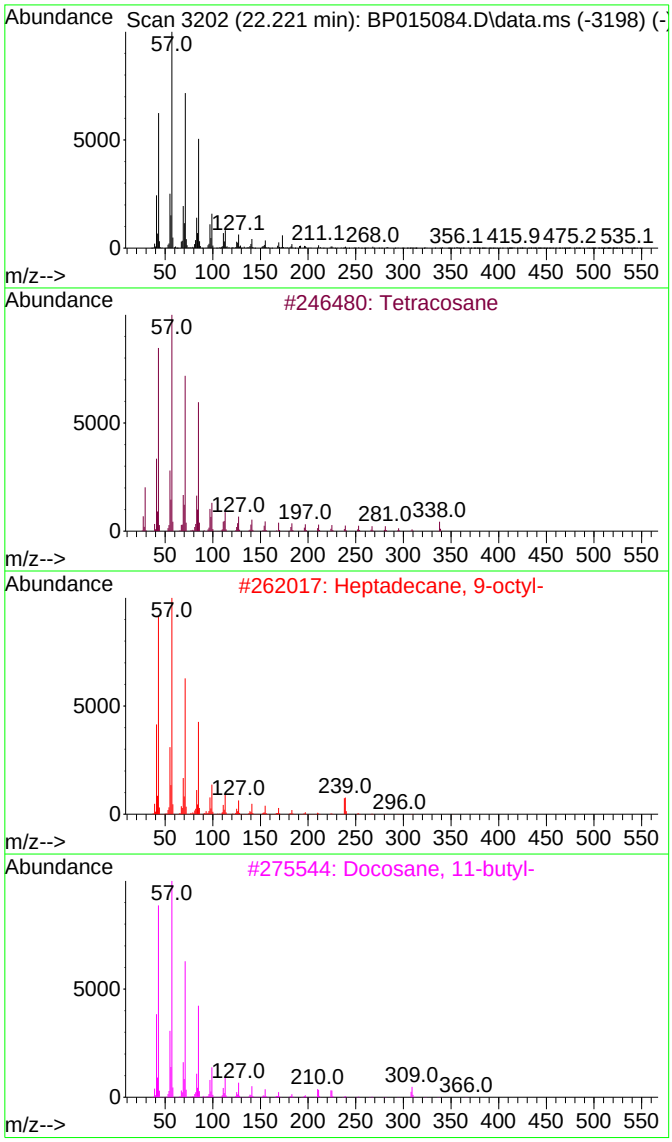
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

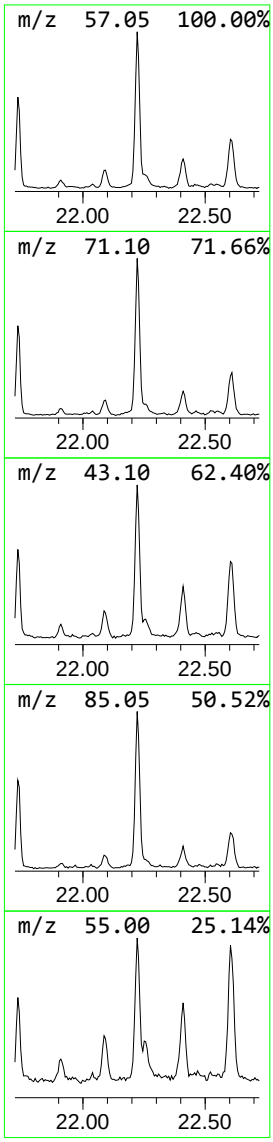
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.221	2.78 ng/ul	680697	Chrysene-d12	21.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051523\
Data File : BP015084.D
Acq On : 15 May 2023 20:49
Operator : CG/JU
Sample : 02592-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREE0

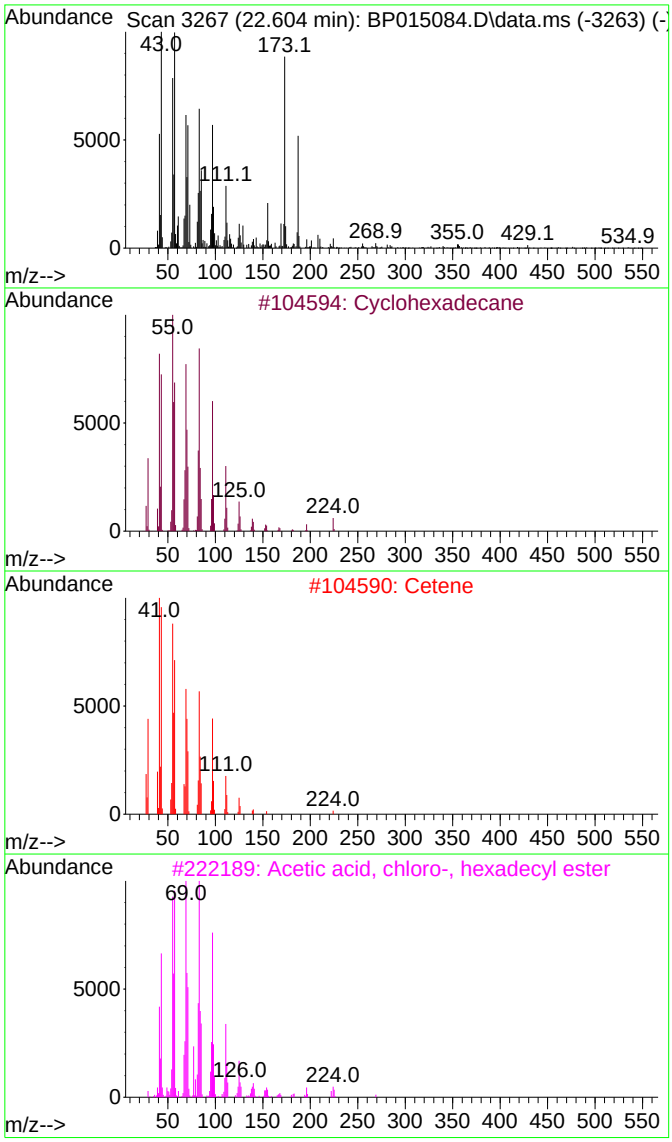
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

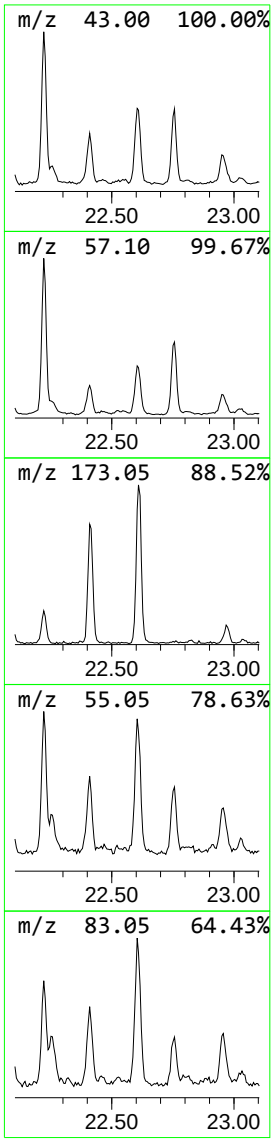
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic22.604 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.604	2.61 ng/ul	640080	Chrysene-d12	21.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	91
2	Cetene	224	C16H32	000629-73-2	89
3	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	87
4	Cyclotridecane	182	C13H26	000295-02-3	76
5	Cyclooctacosane	392	C28H56	000297-24-5	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051523\
Data File : BP015084.D
Acq On : 15 May 2023 20:49
Operator : CG/JU
Sample : 02592-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREE0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.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
Octanoic acid, ...	7.034	2.2	ng/ul	201025	1	8.134	1817480	20.0
Benzophenone	16.128	4.8	ng/ul	957138	3	14.775	3978990	20.0
n-Hexadecanoic ...	18.392	7.4	ng/ul	1800960	4	17.528	4857870	20.0
Octadecanoic acid	19.610	2.8	ng/ul	684083	5	21.610	4903300	20.0
Carbonic acid, ...	21.280	5.4	ng/ul	1318400	5	21.610	4903300	20.0
(DEL) Alkane: S...	22.221	2.8	ng/ul	680697	5	21.610	4903300	20.0
(DEL) Alkane: C...	22.604	2.6	ng/ul	640080	5	21.610	4903300	20.0