LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015997.D
Acq On : 05 Jul 2023 03:33
Operator : MA/JU
Sample : 03244-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGF5

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: BP015997.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.369	28	31	38	rVB	40700	56109	1.76%	0.138%
2	3.917	122	124	132	rVB2	28608	39205	1.23%	0.096%
3	4.034	139	144	151	rVB	53926	85945	2.70%	0.211%
4	4.134	158	161	165	rVB2	16476	21199	0.67%	0.052%
5	4.375	200	202	208	rVB6	8730	9594	0.30%	0.024%
6	5.058	314	318	319	rBV4	4011	4864	0.15%	0.012%
7	5.081	319	322	330	rVB	13476	24641	0.77%	0.060%
8	5.693	421	426	427	rBV5	5216	7703	0.24%	0.019%
9	5.922	462	465	469	rBV5	4389	5917	0.19%	0.015%
10	5.993	473	477	482	rBV8	7623	14464	0.45%	0.036%
11	6.346	535	537	540	rBV4	4439	4151	0.13%	0.010%
12	6.675	587	593	600	rVB7	18260	33545	1.05%	0.082%
13	6.987	642	646	650	rBV6	6195	9203	0.29%	0.023%
14	7.246	681	690	705	rBV	300346	946990	29.73%	2.325%
15	7.369	705	711	729	rVB	375829	763974	23.98%	1.875%
16	7.581	740	747	772	rBV	462580	995292	31.24%	2.443%
17	7.975	811	814	818	rVB6	3612	5735	0.18%	0.014%
18	8.040	818	825	843	rBV	795273	1610116	50.54%	3.952%
19	8.240	854	859	864	rVV9	15793	27388	0.86%	0.067%
20	8.293	866	868	878	rVB10	10507	20147	0.63%	0.049%
21	8.405	885	887	890	rVB4	3145	3873	0.12%	0.010%
22	8.681	932	934	936	rBV3	3605	3827	0.12%	0.009%
23	8.805	948	955	969	rBV2	258414	910409	28.58%	2.235%
24	8.910	969	973	991	rVB	86680	247597	7.77%	0.608%
25	9.157	1012	1015	1019	rVB6	3297	4867	0.15%	0.012%
26	9.246	1022	1030	1051	rBV	376768	956055	30.01%	2.347%
27	9.387	1051	1054	1058	rVB6	6837	11957	0.38%	0.029%
28	9.563	1081	1084	1088	rVB6	8247	11310	0.36%	0.028%
29	9.746	1114	1115	1124	rVB9	4381	7859	0.25%	0.019%
30	9.975	1145	1154	1176	rBV	220065	796518	25.00%	1.955%
31	10.299	1200	1209	1210	rBV9	14116	34662	1.09%	0.085%
32	10.563	1245	1254	1282	rBV2	264110	1112278	34.91%	2.730%
33	10.810	1293	1296	1298	rBV4	3351	3876	0.12%	0.010%
34	10.869	1299	1306	1324	rVV	1043996	2324098	72.95%	5.705%
35	10.999	1326	1328	1332	rVV5	9070	12159	0.38%	0.030%
36	11.069	1333	1340	1364	rVB2	160280	643719	20.21%	1.580%

LSC Area Percent Report

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Acq On : 05 Jul 2023 03:33
Operator : MA/JU
Sample : 03244-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCGF5

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	11.528	1416	1418	1421	rBV4	2929	4178	0.13%	0.010%
38	11.751	1453	1456	1461	rVB7	3791	6298	0.20%	0.015%
39	11.857	1469	1474	1477	rBV7	6889	10740	0.34%	0.026%
40	11.993	1494	1497	1500	rVB5	4022	3687	0.12%	0.009%
41	12.051	1504	1507	1509	rBV4	4566	5423	0.17%	0.013%
42	12.128	1517	1520	1522	rVB4	3748	3329	0.10%	0.008%
43	12.263	1539	1543	1550	rVB9	5350	8216	0.26%	0.020%
44	12.404	1563	1567	1569	rBV5	2215	3398	0.11%	0.008%
45	12.440	1571	1573	1576	rVB4	3528	3569	0.11%	0.009%
46	12.493	1576	1582	1588	rVV4	6754	16408	0.52%	0.040%
47	12.569	1588	1595	1600	rVB7	8606	19687	0.62%	0.048%
48	12.640	1602	1607	1608	rVB5	3885	3305	0.10%	0.008%
49	12.775	1623	1630	1632	rBV8	6370	10267	0.32%	0.025%
50	12.869	1643	1646	1650	rBV5	4279	7837	0.25%	0.019%
51	12.940	1655	1658	1664	rVV8	3707	5427	0.17%	0.013%
52	13.040	1669	1675	1677	rBV6	7185	12814	0.40%	0.031%
53	13.057	1677	1678	1685	rVB7	6937	11160	0.35%	0.027%
54	13.193	1696	1701	1703	rBV6	6657	8802	0.28%	0.022%
55	13.487	1748	1751	1756	rVV7	9213	15373	0.48%	0.038%
56	13.575	1756	1766	1775	rVB5	44595	129694	4.07%	0.318%
57	13.675	1775	1783	1786	rBV10	5817	10646	0.33%	0.026%
58	13.751	1794	1796	1799	rBV4	3820	4479	0.14%	0.011%
59	13.887	1812	1819	1821	rBV8	6846	12685	0.40%	0.031%
60	13.945	1826	1829	1831	rVV4	5653	5575	0.17%	0.014%
61	13.992	1832	1837	1848	rVV7	26476	62767	1.97%	0.154%
62	14.110	1848	1857	1878	rVV	873560	1711682	53.73%	4.202%
63	14.392	1898	1905	1920	rBV	1132959	2013442	63.20%	4.942%
64	14.557	1930	1933	1940	rVB6	20201	32582	1.02%	0.080%
65	14.628	1940	1945	1950	rBV6	26685	42383	1.33%	0.104%
66	14.692	1950	1956	1969	rBV	1638804	2798320	87.84%	6.869%
67	14.992	2005	2007	2009	rVB3	4266	3512	0.11%	0.009%
68	15.045	2010	2016	2026	rBV5	64719	259073	8.13%	0.636%
69	15.298	2058	2059	2061	rBV2	6020	5638	0.18%	0.014%
70	15.451	2083	2085	2089	rVB4	9607	13970	0.44%	0.034%
71	15.510	2091	2095	2102	rVB3	17015	28417	0.89%	0.070%
72	15.592	2107	2109	2114	rVB4	16800	23520	0.74%	0.058%
73	15.698	2119	2127	2144	rBV	1233874	2326880	73.04%	5.712%
74	15.898	2155	2161	2177	rBV3	82192	282890	8.88%	0.694%
75	16.069	2185	2190	2199	rBV	146172	279551	8.78%	0.686%
76	16.304	2228	2230	2234	rBV5	11297	14594	0.46%	0.036%

LSC Area Percent Report

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Instrument :
BNA_P
ClientSampleId :
DCGF5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Title : SVOA CALIBRATION

77	16.386	2239	2244	2248	rVB4	29578	51752	1.62%	0.127%
78	16.551	2268	2272	2277	rBV7	23167	38476	1.21%	0.094%
79	17.163	2373	2376	2380	rBV2	27126	38983	1.22%	0.096%
80	17.328	2400	2404	2411	rBV4	50892	82474	2.59%	0.202%
81	17.392	2412	2415	2420	rBV4	28298	42520	1.33%	0.104%
82	17.457	2420	2426	2432	rBV	1642942	2679769	84.12%	6.578%
83	17.563	2439	2444	2466	rVB2	993963	1912009	60.02%	4.693%
84	17.904	2499	2502	2507	rBV3	34228	41518	1.30%	0.102%
85	18.251	2557	2561	2566	rBV3	125544	227836	7.15%	0.559%
86	18.304	2566	2570	2579	rBV	698028	1135313	35.64%	2.787%
87	19.463	2763	2767	2775	rVB	423276	604064	18.96%	1.483%
88	19.533	2775	2779	2787	rBV2	193409	293204	9.20%	0.720%
89	19.786	2817	2822	2836	rBV2	1687879	3185732	100.00%	7.820%
90	19.916	2842	2844	2851	rVB3	106791	122576	3.85%	0.301%
91	21.227	3065	3067	3073	rVB2	321847	445829	13.99%	1.094%
92	21.551	3117	3122	3127	rBV	1628280	2637877	82.80%	6.475%
93	23.927	3521	3526	3532	rVB2	801259	1483367	46.56%	3.641%
94	24.092	3549	3554	3564	rVB	1069756	2314854	72.66%	5.682%
95	24.639	3643	3647	3655	rVB	695927	1406690	44.16%	3.453%

Sum of corrected areas: 40738307

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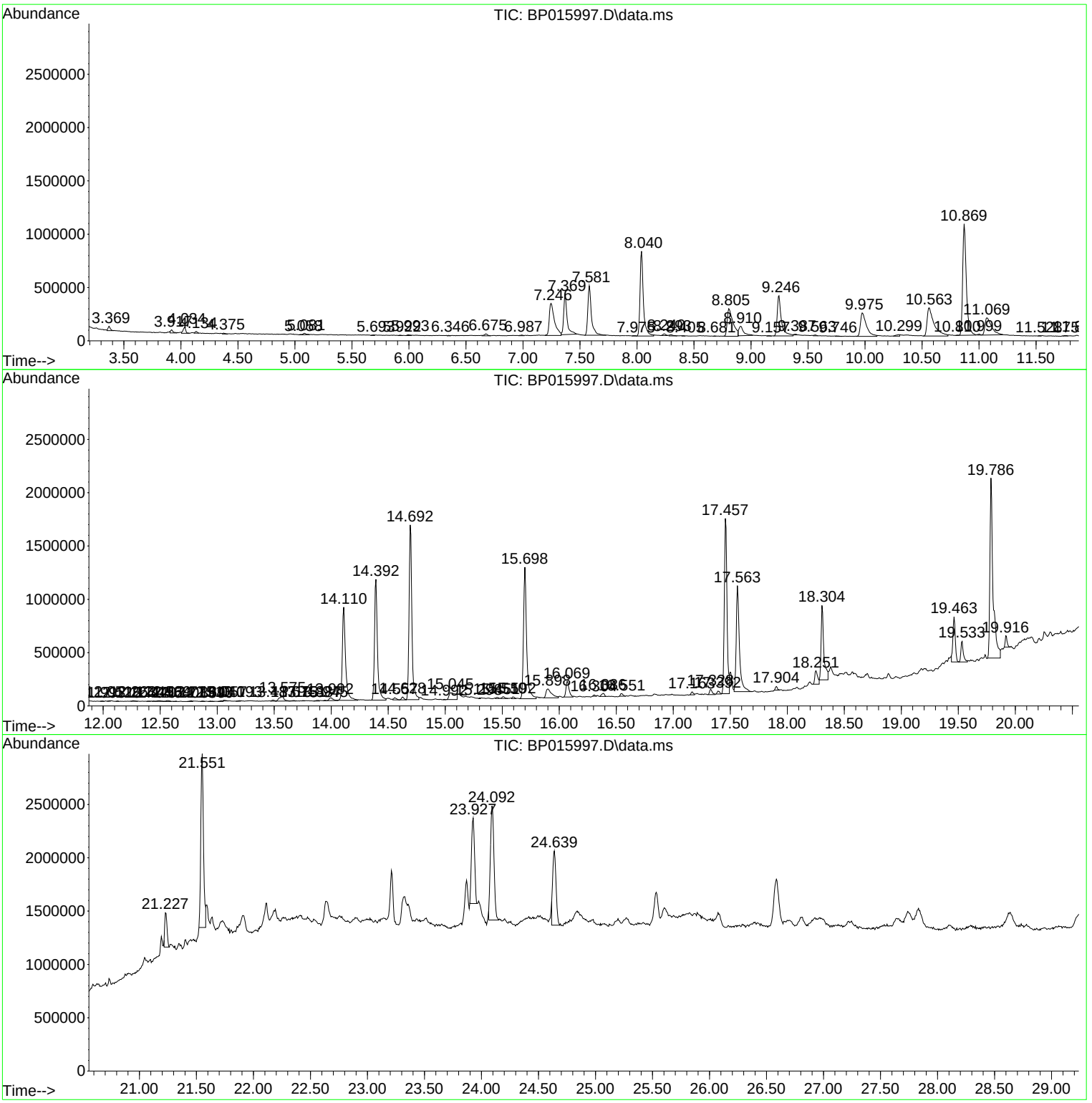
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGF5

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\BP070423\
Data File : BP015997.D
Acq On : 05 Jul 2023 03:33
Operator : MA/JU
Sample : 03244-16
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Instrument :
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ClientSampleId :
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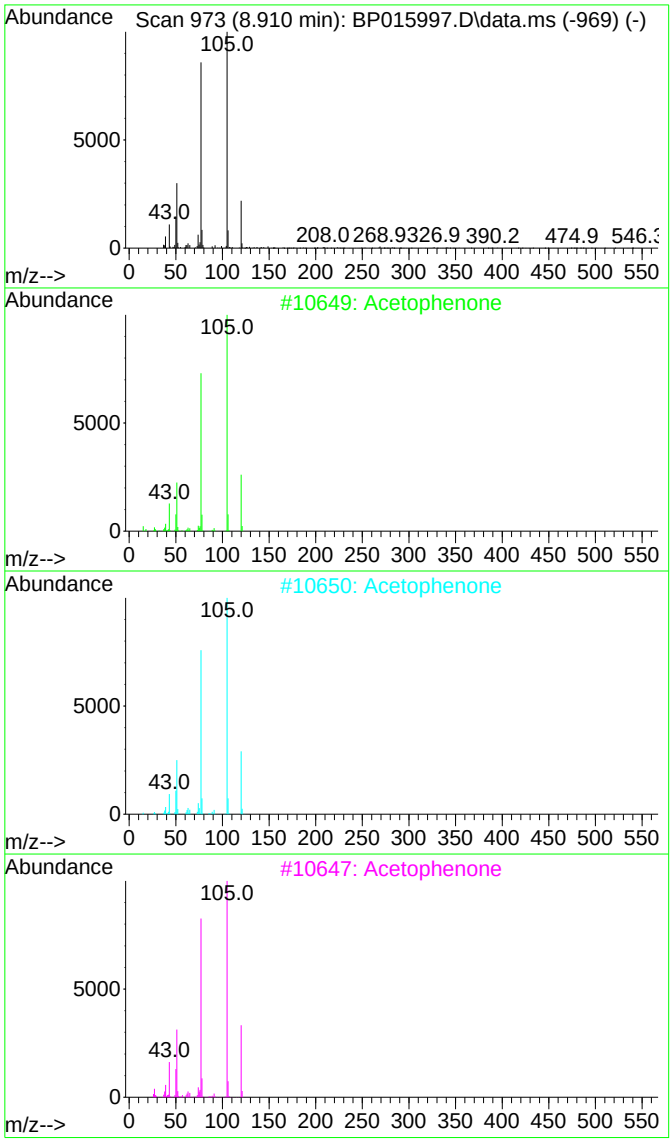
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

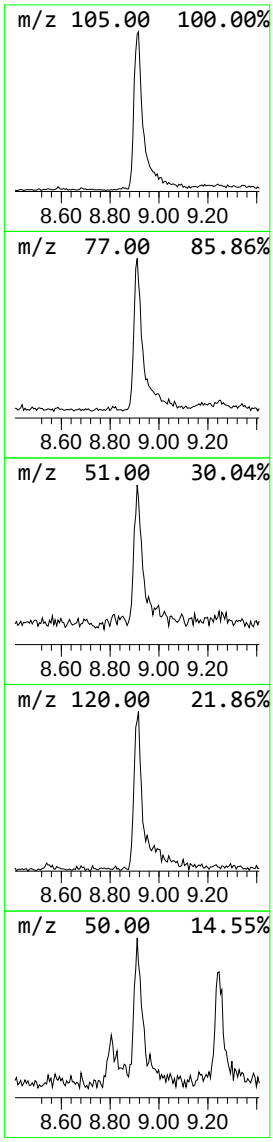
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Aceto phenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.910	3.08 ng/ul	247597	1,4-Dichlorobenzene-d4	8.040

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	91
2	Acetophenone	120	C8H8O	000098-86-2	91
3	Acetophenone	120	C8H8O	000098-86-2	87
4	Acetophenone	120	C8H8O	000098-86-2	87
5	Benzamide, N-(aminocarbonyl)-N-(...	252	C11H12N2O3S	074779-60-5	80





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Data File : BP015997.D
Acq On : 05 Jul 2023 03:33
Operator : MA/JU
Sample : 03244-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGF5

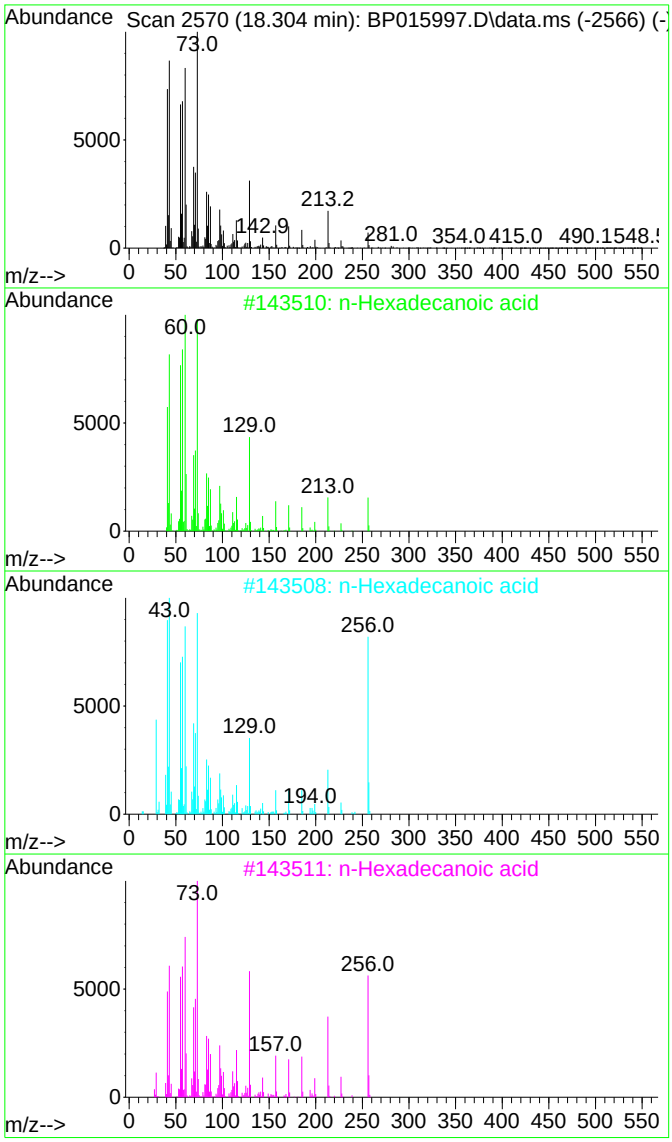
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

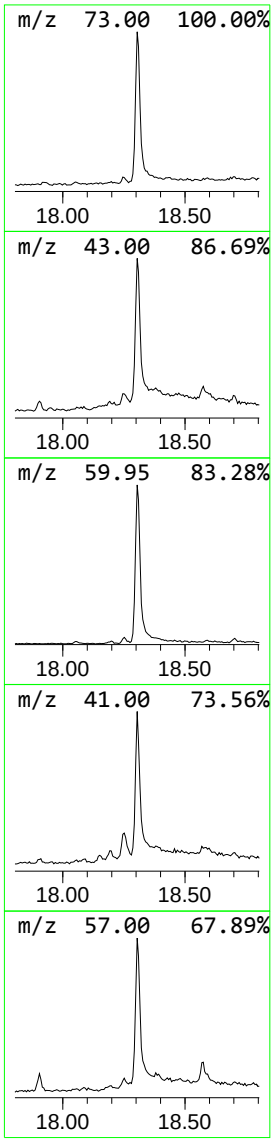
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	8.47 ng/ul	1135310	Phenanthrene-d10	17.457

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
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Sample : 03244-16
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ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGF5

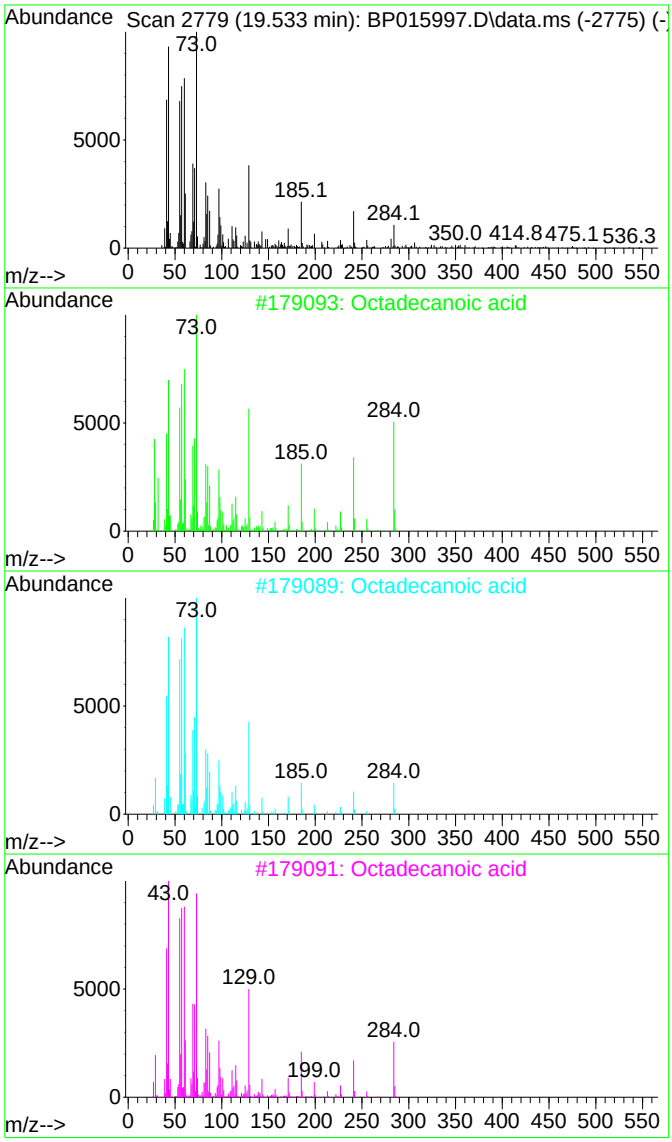
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

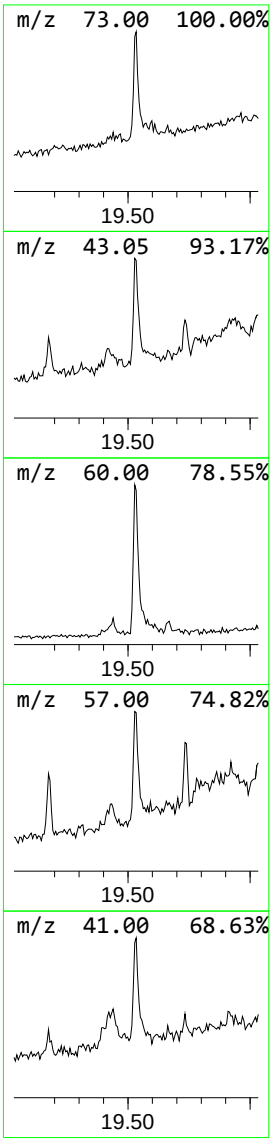
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.533	2.22 ng/ul	293204	Chrysene-d12	21.551

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	99
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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Acq On : 05 Jul 2023 03:33
Operator : MA/JU
Sample : 03244-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

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

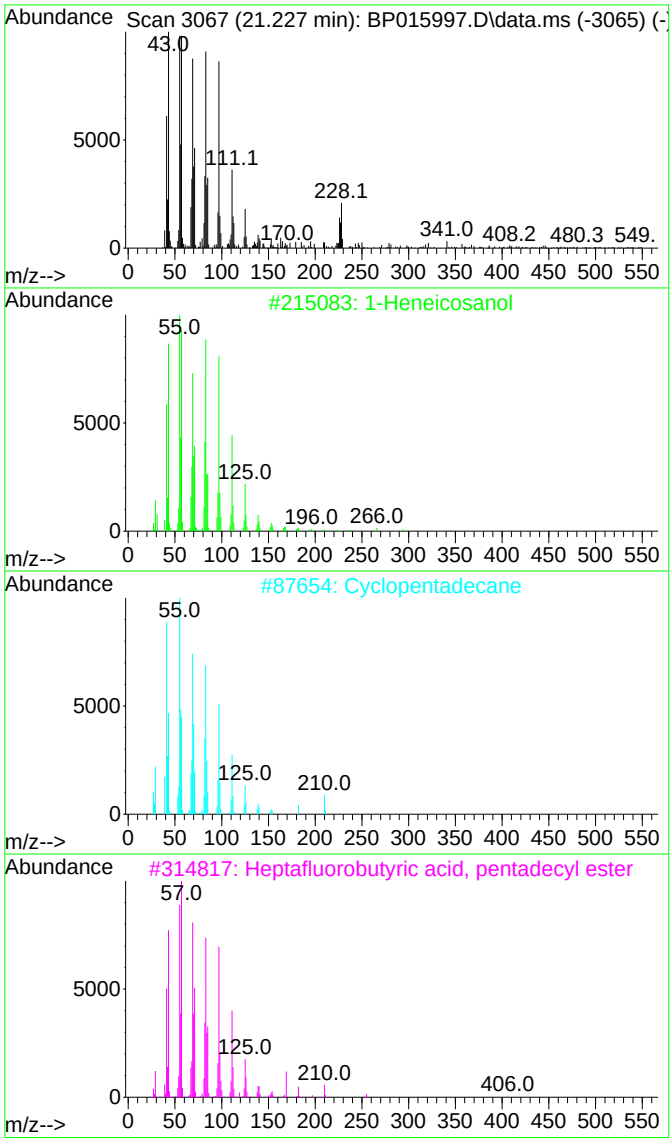
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

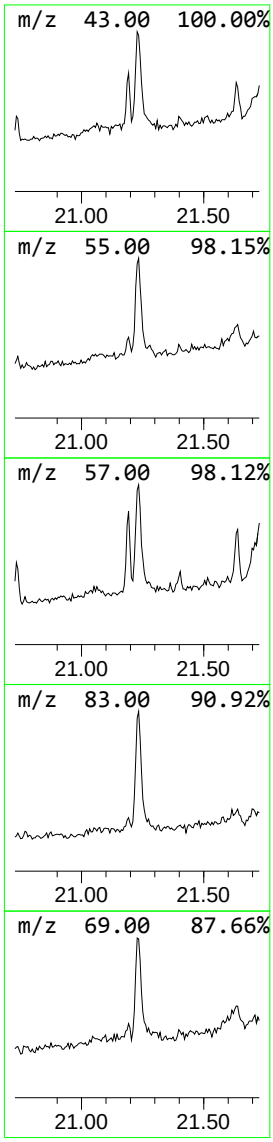
****

Peak Number 4 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.227	3.38 ng/ul	445829	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Cyclopentadecane	210	C15H30	000295-48-7	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





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Sample : 03244-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGF5

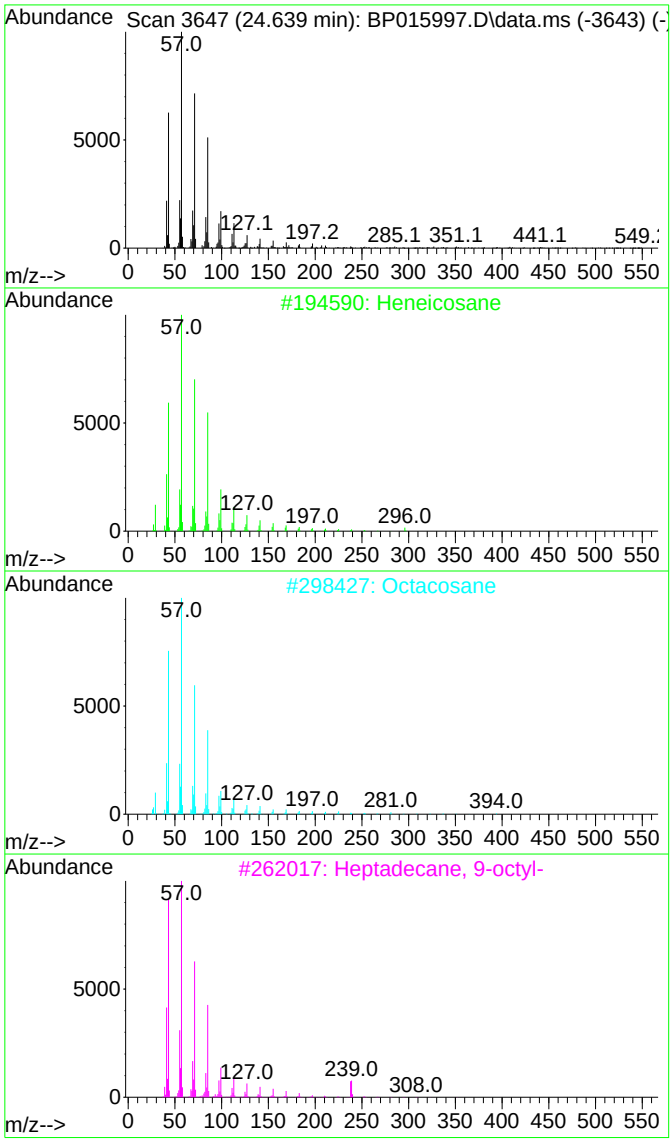
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

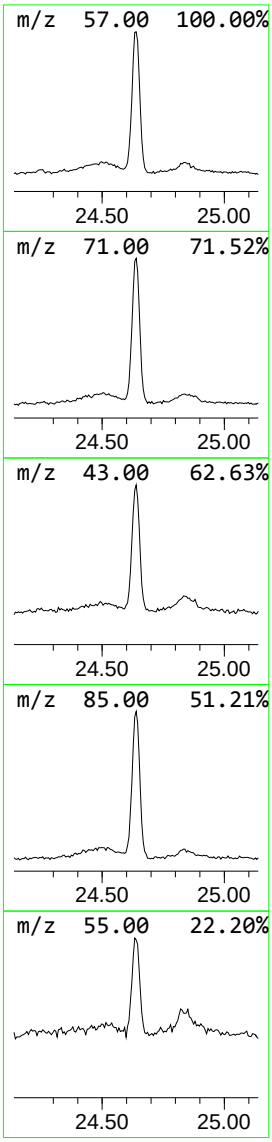
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.639	12.15 ng/ul	1406690	Perylene-d12	24.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Octacosane	394	C28H58	000630-02-4	95
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
4	Pentacosane	352	C25H52	000629-99-2	93
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015997.D
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Operator : MA/JU
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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGF5

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
Aceto phenone	8.910	3.1	ng/ul	247597	1	8.040	1610120	20.0
n-Hexadecanoic ...	18.304	8.5	ng/ul	1135310	4	17.457	2679770	20.0
Octadecanoic acid	19.533	2.2	ng/ul	293204	5	21.551	2637880	20.0
1-Heneicosanol	21.227	3.4	ng/ul	445829	5	21.551	2637880	20.0
(DEL) Alkane: S...	24.639	12.2	ng/ul	1406690	6	24.092	2314850	20.0