LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020202.D
Acq On : 06 May 2024 11:27
Operator : MA/JU
Sample : P2279-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0RQ5

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-BP050124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020202.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.217	19	22	26	rBV	16222	21099	0.72%	0.070%
2	3.493	65	69	72	rBV3	8660	13075	0.44%	0.043%
3	3.628	88	92	109	rBV	69474	150679	5.13%	0.501%
4	3.911	138	140	148	rVB4	6173	10925	0.37%	0.036%
5	4.993	318	324	343	rBV	1017047	1631314	55.52%	5.421%
6	6.405	558	564	569	rBV8	2497	5401	0.18%	0.018%
7	6.669	604	609	617	rBV2	8029	13276	0.45%	0.044%
8	6.816	627	634	653	rBV	68758	170932	5.82%	0.568%
9	6.975	655	661	677	rVV	273389	502812	17.11%	1.671%
10	7.163	686	693	710	rBV	355014	640796	21.81%	2.130%
11	7.510	745	752	757	rBV	27932	48857	1.66%	0.162%
12	7.557	757	760	765	rVV2	15849	26336	0.90%	0.088%
13	7.622	765	771	774	rVV	355577	585391	19.92%	1.945%
14	7.657	774	777	793	rVB	240041	398111	13.55%	1.323%
15	7.963	823	829	846	rBV	289260	543869	18.51%	1.807%
16	8.340	884	893	909	rBV	173323	376435	12.81%	1.251%
17	8.781	961	968	986	rBV	380165	725927	24.70%	2.412%
18	8.934	992	994	1001	rVB7	2278	4243	0.14%	0.014%
19	9.134	1022	1028	1036	rVB	13953	22626	0.77%	0.075%
20	9.393	1067	1072	1074	rBV5	2252	4406	0.15%	0.015%
21	9.493	1082	1089	1110	rBV	305305	608302	20.70%	2.022%
22	9.828	1139	1146	1149	rBV7	1470	3248	0.11%	0.011%
23	10.034	1173	1181	1205	rBV	336499	806518	27.45%	2.680%
24	10.263	1213	1220	1228	rVB2	35460	61727	2.10%	0.205%
25	10.393	1234	1242	1258	rBV	450684	846408	28.80%	2.813%
26	10.569	1262	1272	1292	rBV	115953	320500	10.91%	1.065%
27	10.775	1304	1307	1315	rVB8	5187	8850	0.30%	0.029%
28	11.204	1371	1380	1385	rBV7	6182	18090	0.62%	0.060%
29	11.263	1386	1390	1395	rVB8	5401	11738	0.40%	0.039%
30	11.634	1445	1453	1460	rVB	9700	14948	0.51%	0.050%
31	11.781	1473	1478	1486	rBV2	4800	11121	0.38%	0.037%
32	12.016	1511	1518	1525	rVB3	6337	14192	0.48%	0.047%
33	12.469	1589	1595	1596	rBV5	1920	3011	0.10%	0.010%
34	13.087	1692	1700	1701	rBV6	5999	11677	0.40%	0.039%
35	13.098	1701	1702	1709	rVV6	7993	9953	0.34%	0.033%
36	13.163	1709	1713	1720	rVV3	7659	15048	0.51%	0.050%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2279-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0RQ5

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-BP050124.MA.M
Title : SVOA CALIBRATION

37	13.240	1720	1726	1733	rVV6	11827	33217	1.13%	0.110%
38	13.310	1737	1738	1746	rVB5	5308	5842	0.20%	0.019%
39	13.622	1785	1791	1794	rBV8	2148	4314	0.15%	0.014%
40	13.704	1794	1805	1826	rBV	926540	1503180	51.16%	4.996%
41	13.975	1844	1851	1864	rBV	999017	1624047	55.27%	5.397%
42	14.292	1897	1905	1918	rVV	769769	1199958	40.84%	3.988%
43	14.498	1935	1940	1943	rBV6	1461	2990	0.10%	0.010%
44	14.592	1950	1956	1971	rBV2	34862	146632	4.99%	0.487%
45	15.081	2033	2039	2047	rBV	8937	15556	0.53%	0.052%
46	15.316	2070	2079	2088	rVV	1359553	2134973	72.66%	7.095%
47	15.392	2088	2092	2098	rVV2	26255	47310	1.61%	0.157%
48	15.463	2098	2104	2118	rVV	426157	808410	27.51%	2.687%
49	15.563	2118	2121	2132	rVB6	9285	21126	0.72%	0.070%
50	15.763	2153	2155	2161	rVB7	2415	4073	0.14%	0.014%
51	16.228	2232	2234	2240	rVB6	2007	3313	0.11%	0.011%
52	16.410	2259	2265	2271	rBV10	4315	10430	0.35%	0.035%
53	16.522	2280	2284	2291	rBV2	19405	27324	0.93%	0.091%
54	16.669	2304	2309	2314	rBV4	7172	12410	0.42%	0.041%
55	16.880	2343	2345	2348	rBV3	2925	4123	0.14%	0.014%
56	16.910	2348	2350	2354	rVV5	2419	3187	0.11%	0.011%
57	17.016	2363	2368	2371	rVB6	2350	3830	0.13%	0.013%
58	17.075	2371	2378	2380	rBV6	7457	11529	0.39%	0.038%
59	17.128	2380	2387	2397	rVV	1012248	1532995	52.17%	5.095%
60	17.233	2398	2405	2417	rVV	1510567	2529213	86.07%	8.405%
61	17.328	2419	2421	2430	rVB9	16170	27530	0.94%	0.091%
62	17.569	2453	2462	2469	rBV9	7116	16624	0.57%	0.055%
63	17.669	2474	2479	2486	rVB9	3716	8641	0.29%	0.029%
64	17.822	2501	2505	2515	rBV9	3663	9877	0.34%	0.033%
65	17.945	2521	2526	2533	rBV3	41521	63543	2.16%	0.211%
66	18.080	2543	2549	2559	rBV2	222501	388046	13.21%	1.290%
67	18.392	2598	2602	2604	rBV5	4825	7121	0.24%	0.024%
68	18.539	2624	2627	2632	rVB5	9824	11694	0.40%	0.039%
69	18.604	2636	2638	2643	rVV6	7358	10158	0.35%	0.034%
70	18.657	2645	2647	2653	rVB6	5227	8108	0.28%	0.027%
71	18.792	2668	2670	2674	rVB5	3967	3830	0.13%	0.013%
72	19.004	2704	2706	2711	rVB6	8129	10883	0.37%	0.036%
73	19.174	2731	2735	2741	rVB4	22970	30876	1.05%	0.103%
74	19.245	2743	2747	2752	rBV	18316	30433	1.04%	0.101%
75	19.304	2754	2757	2766	rVB3	28513	55739	1.90%	0.185%
76	19.427	2773	2778	2791	rBV	209525	355744	12.11%	1.182%

LSC Area Percent Report

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Sample : P2279-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0RQ5

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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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Title : SVOA CALIBRATION

77	19.627	2805	2812	2823	rBV	1940209	2938427	100.00%	9.765%
78	21.310	3094	3098	3106	rBV7	41162	91054	3.10%	0.303%
79	21.627	3145	3152	3163	rBV	994089	1644335	55.96%	5.465%
80	23.474	3460	3466	3477	rVB	175626	382422	13.01%	1.271%
81	24.751	3673	3683	3695	rVB	770557	2242572	76.32%	7.453%
82	24.980	3714	3722	3739	rVB	499461	1400884	47.67%	4.656%

Sum of corrected areas: 30090364

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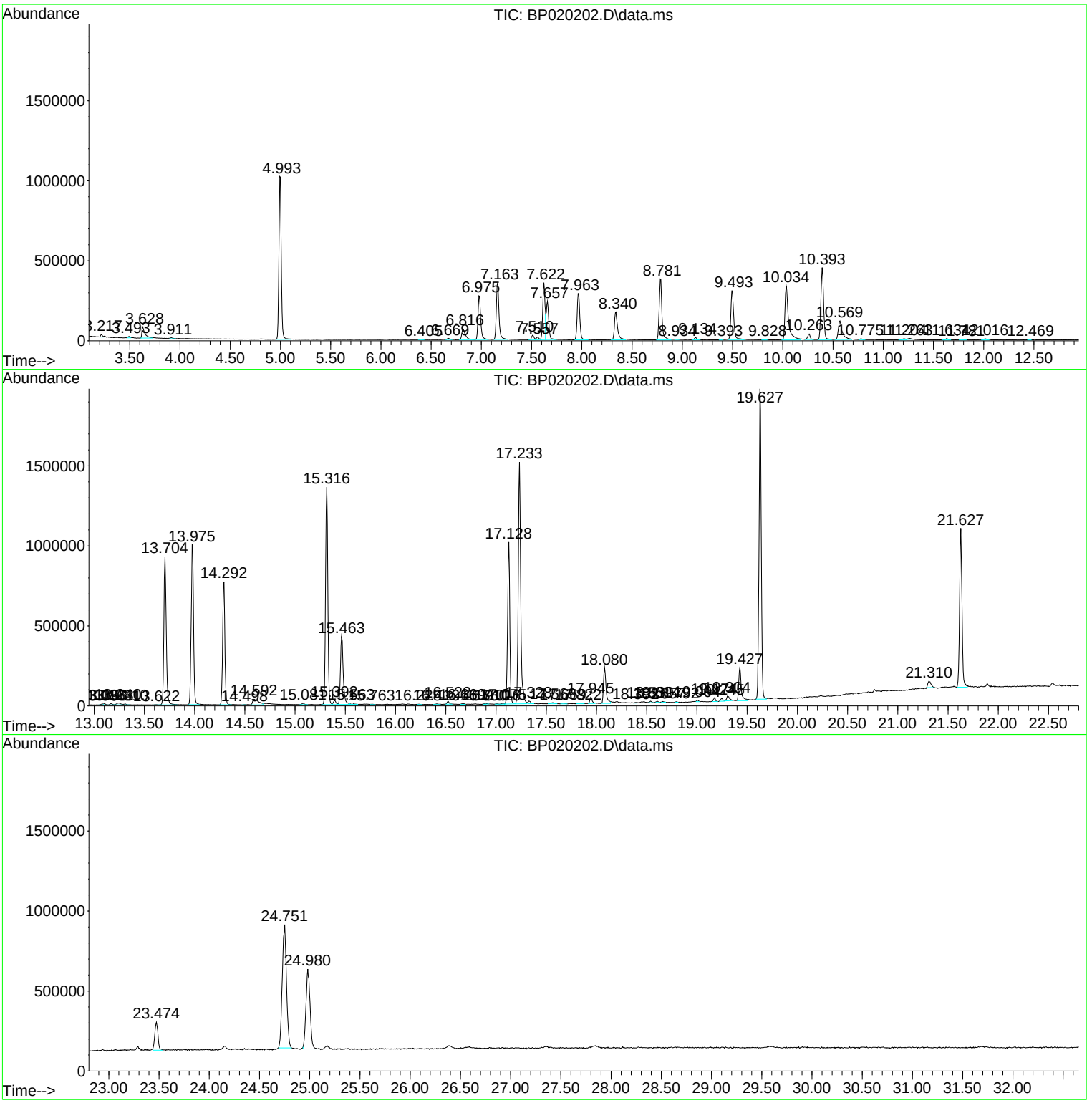
Instrument :
BNA_P
ClientSampleId :
C0RQ5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.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\BP050624\
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Sample : P2279-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0RQ5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

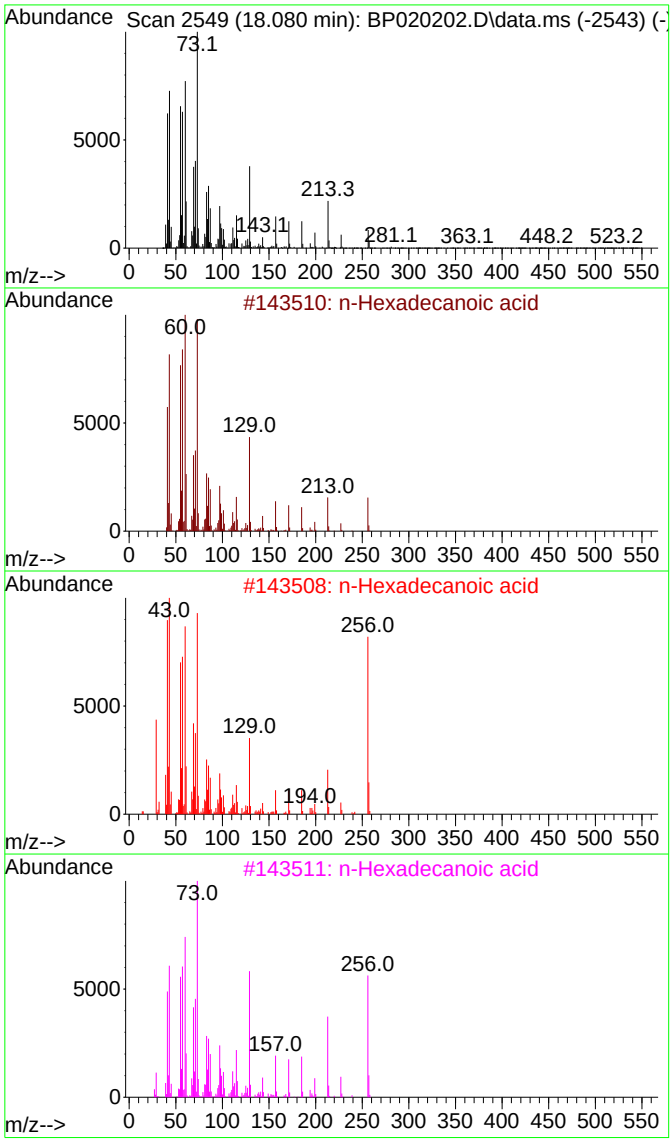
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

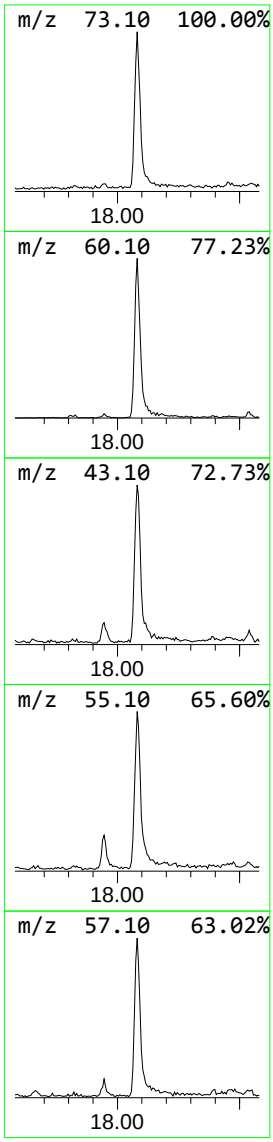
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.080	5.06 ng/ul	388046	Phenanthrene-d10	17.128

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	97
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020202.D
Acq On : 06 May 2024 11:27
Operator : MA/JU
Sample : P2279-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0RQ5

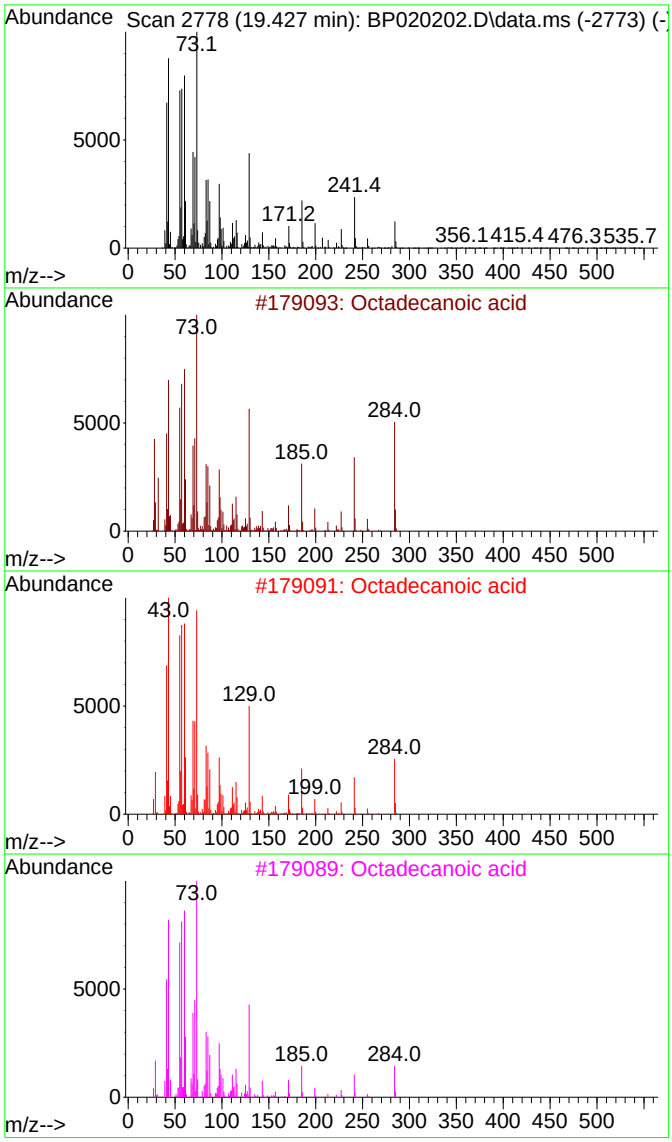
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

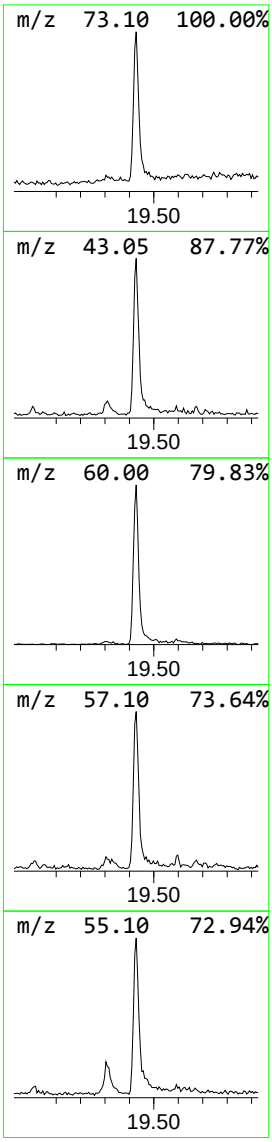
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.427	4.33 ng/ul	355744	Chrysene-d12	21.627

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	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





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Sample : P2279-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0RQ5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

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

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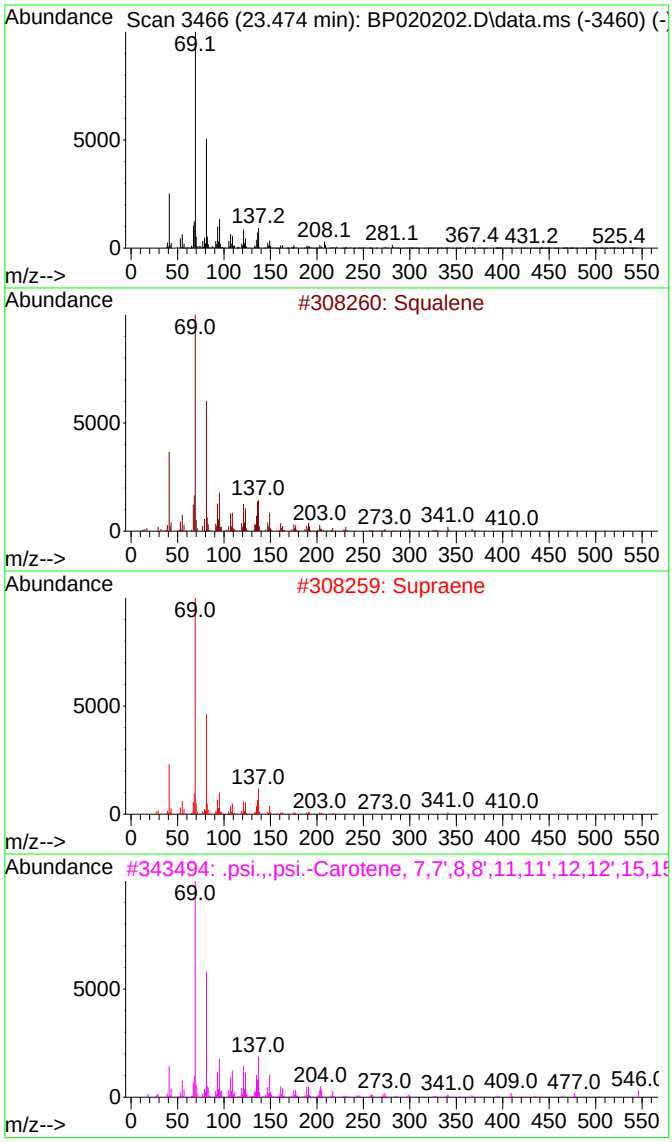
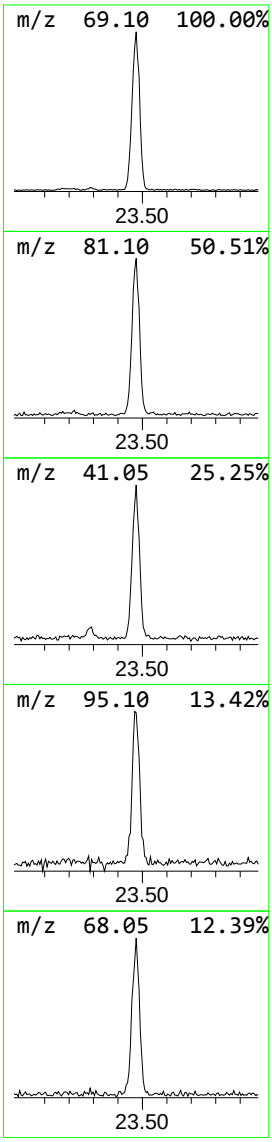
Peak Number 5 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.474	5.46 ng/ul	382422	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
5	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	64





Tentatively Identified Compound (LSC) summary

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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
n-Hexadecanoic ...	18.080	5.1	ng/ul	388046	4	17.128	1533000	20.0
Octadecanoic acid	19.427	4.3	ng/ul	355744	5	21.627	1644340	20.0
Squalene	23.474	5.5	ng/ul	382422	6	24.980	1400880	20.0