LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020059.D
Acq On : 21 Apr 2024 02:45
Operator : MA/JU
Sample : P2104-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA3

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-BP041924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020059.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.234	21	25	30	rVB	14600	19486	1.23%	0.177%
2	3.511	70	72	77	rBV	6596	9988	0.63%	0.091%
3	3.652	93	96	105	rVV	15636	27670	1.75%	0.252%
4	3.728	105	109	118	rVB	32098	46464	2.94%	0.423%
5	3.922	138	142	148	rBV4	5525	8175	0.52%	0.074%
6	4.287	202	204	207	rVB4	2243	2158	0.14%	0.020%
7	4.346	211	214	224	rVB6	3614	7605	0.48%	0.069%
8	4.470	231	235	241	rVB6	5305	8177	0.52%	0.074%
9	4.534	244	246	251	rVB6	1318	1791	0.11%	0.016%
10	4.593	251	256	258	rBV6	1346	1941	0.12%	0.018%
11	4.628	258	262	269	rBV10	1787	3298	0.21%	0.030%
12	4.728	278	279	286	rVB7	1970	2692	0.17%	0.024%
13	4.805	289	292	293	rBV3	2839	2478	0.16%	0.023%
14	4.928	310	313	319	rBV8	3612	6449	0.41%	0.059%
15	5.146	349	350	357	rVB6	2211	2664	0.17%	0.024%
16	5.328	375	381	384	rBV8	1835	3141	0.20%	0.029%
17	5.675	435	440	444	rBV7	3736	6537	0.41%	0.059%
18	6.199	526	529	535	rVB8	2710	3759	0.24%	0.034%
19	6.252	535	538	542	rBV5	1592	1984	0.13%	0.018%
20	6.528	583	585	589	rVB5	1583	2085	0.13%	0.019%
21	6.622	595	601	605	rBV8	1639	3426	0.22%	0.031%
22	6.693	609	613	616	rVV6	1882	2343	0.15%	0.021%
23	6.746	616	622	628	rVB4	3487	6378	0.40%	0.058%
24	6.993	658	664	680	rBV	183451	333075	21.06%	3.031%
25	7.122	685	686	690	rVB4	2050	1779	0.11%	0.016%
26	7.216	696	702	703	rBV6	2944	4267	0.27%	0.039%
27	7.240	705	706	710	rVB4	3850	3733	0.24%	0.034%
28	7.358	721	726	732	rVB9	2014	4154	0.26%	0.038%
29	7.640	766	774	783	rBV	366948	639514	40.44%	5.820%
30	7.781	794	798	799	rBV4	1969	1806	0.11%	0.016%
31	7.934	823	824	827	rBV3	1718	1782	0.11%	0.016%
32	8.058	841	845	847	rBV5	1360	1724	0.11%	0.016%
33	8.269	877	881	884	rVB6	1492	2264	0.14%	0.021%
34	8.375	895	899	906	rBV9	4428	10881	0.69%	0.099%
35	8.499	913	920	928	rVB9	3335	8393	0.53%	0.076%
36	8.681	947	951	955	rBV7	1099	1951	0.12%	0.018%

LSC Area Percent Report

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Acq On : 21 Apr 2024 02:45
Operator : MA/JU
Sample : P2104-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA3

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-BP041924.MA.M
Title : SVOA CALIBRATION

37	8.805	962	972	985	rBV	216658	415668	26.28%	3.783%
38	8.957	994	998	1000	rBV5	2126	2576	0.16%	0.023%
39	9.157	1026	1032	1040	rVB3	7575	15433	0.98%	0.140%
40	9.434	1076	1079	1081	rBV4	1986	1834	0.12%	0.017%
41	9.510	1085	1092	1107	rBV	160849	332457	21.02%	3.025%
42	9.646	1112	1115	1116	rVV3	1919	2210	0.14%	0.020%
43	9.663	1116	1118	1121	rVB4	1241	1659	0.10%	0.015%
44	9.816	1138	1144	1147	rVV8	1815	4137	0.26%	0.038%
45	9.940	1159	1165	1166	rBV6	1508	1963	0.12%	0.018%
46	9.957	1166	1168	1171	rVB4	1337	1669	0.11%	0.015%
47	10.040	1179	1182	1186	rVB6	1441	2104	0.13%	0.019%
48	10.257	1215	1219	1220	rBV3	1501	2095	0.13%	0.019%
49	10.281	1220	1223	1224	rBV3	2397	2672	0.17%	0.024%
50	10.416	1237	1246	1262	rBV	426618	865999	54.76%	7.881%
51	10.534	1264	1266	1268	rBV3	1694	2040	0.13%	0.019%
52	10.969	1336	1340	1347	rBV10	1612	3784	0.24%	0.034%
53	11.222	1377	1383	1386	rBV6	5121	11118	0.70%	0.101%
54	11.257	1388	1389	1395	rVB6	3129	4449	0.28%	0.040%
55	11.851	1485	1490	1496	rVB9	2465	3993	0.25%	0.036%
56	11.963	1503	1509	1510	rBV5	1986	3657	0.23%	0.033%
57	12.010	1512	1517	1521	rVV8	2234	4440	0.28%	0.040%
58	12.640	1621	1624	1628	rVB6	2075	2269	0.14%	0.021%
59	12.816	1649	1654	1656	rBV6	1944	2073	0.13%	0.019%
60	12.904	1665	1669	1672	rBV6	2748	4558	0.29%	0.041%
61	13.028	1685	1690	1695	rBV9	2432	4602	0.29%	0.042%
62	13.069	1695	1697	1699	rVV3	2046	1910	0.12%	0.017%
63	13.116	1700	1705	1710	rVV7	5697	9994	0.63%	0.091%
64	13.198	1711	1719	1725	rVV3	10601	23135	1.46%	0.211%
65	13.281	1728	1733	1738	rVV8	2929	6223	0.39%	0.057%
66	13.316	1738	1739	1743	rVB4	1556	1746	0.11%	0.016%
67	13.351	1743	1745	1750	rVB6	1398	2237	0.14%	0.020%
68	13.434	1753	1759	1763	rVB9	1621	2969	0.19%	0.027%
69	13.587	1782	1785	1788	rVB5	1492	2149	0.14%	0.020%
70	13.734	1801	1810	1823	rBV	494427	827569	52.33%	7.531%
71	13.822	1823	1825	1828	rVB4	2555	2754	0.17%	0.025%
72	13.987	1848	1853	1854	rBV5	3723	5243	0.33%	0.048%
73	14.004	1854	1856	1858	rVB3	2173	2039	0.13%	0.019%
74	14.216	1888	1892	1899	rBV10	3733	6415	0.41%	0.058%
75	14.310	1902	1908	1917	rBV	708128	1145479	72.43%	10.424%
76	14.551	1941	1949	1957	rVB5	18985	49213	3.11%	0.448%

LSC Area Percent Report

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Data File : BP020059.D
Acq On : 21 Apr 2024 02:45
Operator : MA/JU
Sample : P2104-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA3

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-BP041924.MA.M
Title : SVOA CALIBRATION

77	14.740	1977	1981	1984	rBV6	2121	2772	0.18%	0.025%
78	14.775	1984	1987	1990	rBV5	4982	6174	0.39%	0.056%
79	15.045	2030	2033	2036	rVB5	1600	2252	0.14%	0.020%
80	15.140	2045	2049	2053	rVV7	4397	7345	0.46%	0.067%
81	15.210	2053	2061	2066	rVV6	5266	11644	0.74%	0.106%
82	15.345	2078	2084	2092	rBV	84655	151026	9.55%	1.374%
83	15.492	2102	2109	2128	rBV	166585	333811	21.11%	3.038%
84	15.781	2154	2158	2161	rBV6	2653	4339	0.27%	0.039%
85	16.039	2199	2202	2206	rBV6	2095	3844	0.24%	0.035%
86	16.104	2208	2213	2219	rVV9	11880	28188	1.78%	0.257%
87	16.816	2329	2334	2339	rBV	14593	25980	1.64%	0.236%
88	16.922	2348	2352	2356	rBV4	9469	16591	1.05%	0.151%
89	17.081	2375	2379	2380	rBV4	6437	9074	0.57%	0.083%
90	17.157	2385	2392	2402	rVV	911017	1406613	88.94%	12.800%
91	17.263	2407	2410	2415	rVV2	9352	15161	0.96%	0.138%
92	17.586	2460	2465	2467	rBV5	17685	24949	1.58%	0.227%
93	17.698	2480	2484	2492	rVB8	13147	23692	1.50%	0.216%
94	18.110	2549	2554	2564	rBV2	168796	293626	18.57%	2.672%
95	18.563	2628	2631	2635	rBV5	17428	22132	1.40%	0.201%
96	18.657	2642	2647	2653	rBV2	91014	140376	8.88%	1.277%
97	19.457	2779	2783	2790	rBV2	135060	200586	12.68%	1.825%
98	21.333	3099	3102	3106	rVB	133240	179826	11.37%	1.636%
99	21.651	3150	3156	3163	rVB	865282	1512747	95.65%	13.766%
100	25.045	3725	3733	3744	rVB2	562791	1581562	100.00%	14.392%

Sum of corrected areas: 10988856

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
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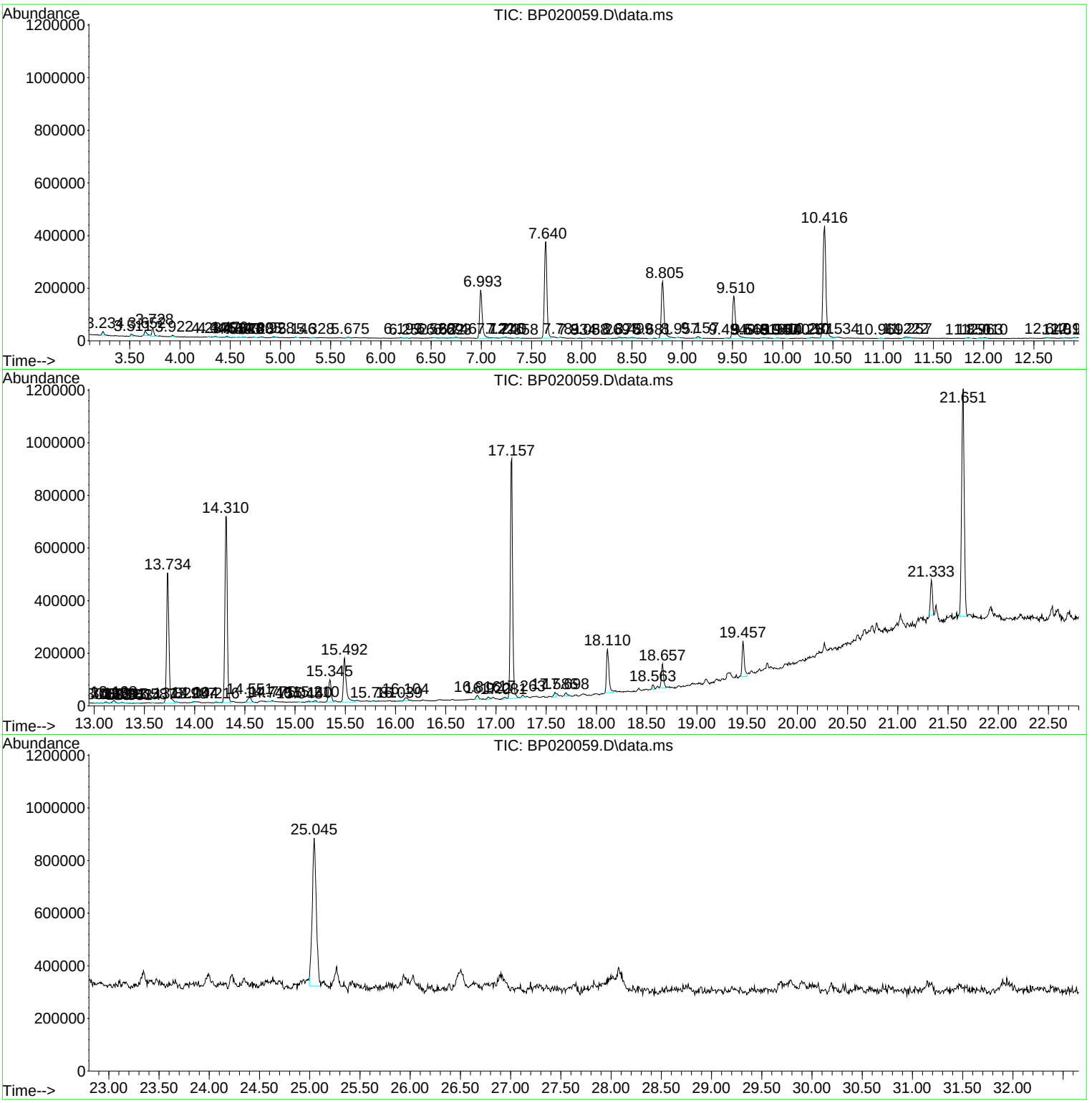
Sample : P2104-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.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\BP042024\
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Operator : MA/JU
Sample : P2104-02
Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

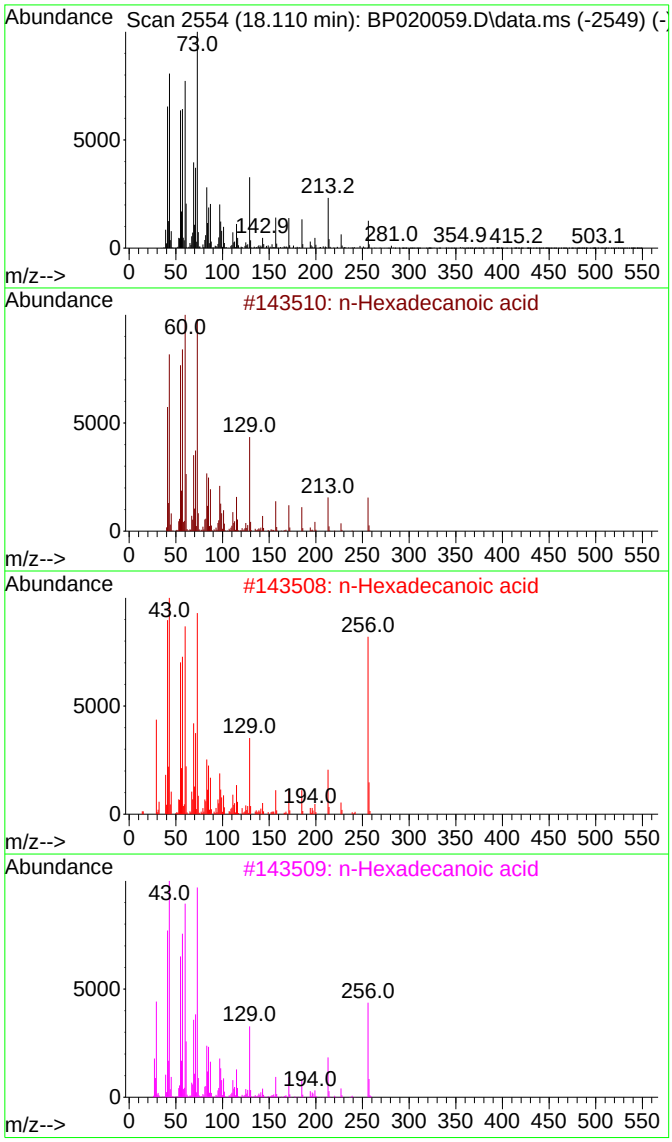
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

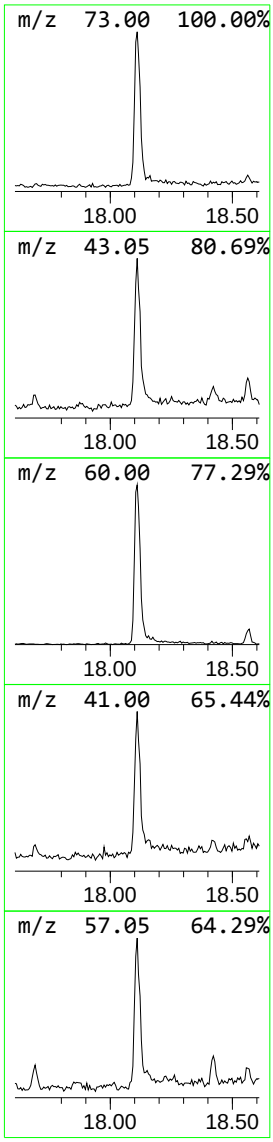
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	4.17 ng/ul	293626	Phenanthrene-d10	17.157

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	97
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020059.D
Acq On : 21 Apr 2024 02:45
Operator : MA/JU
Sample : P2104-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA3

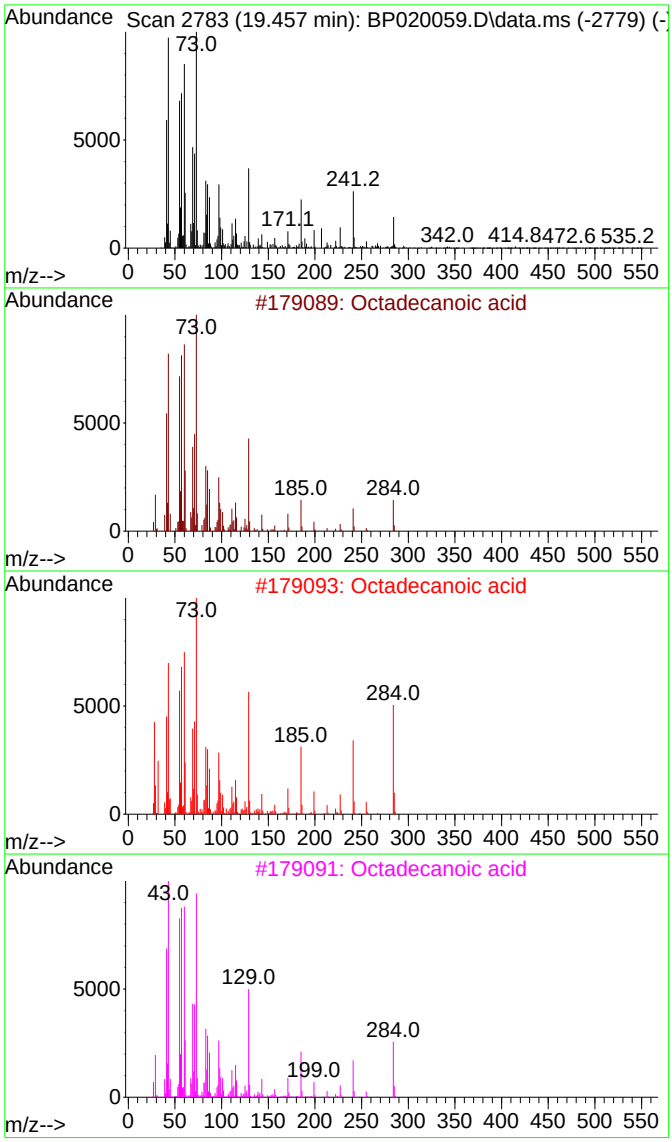
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

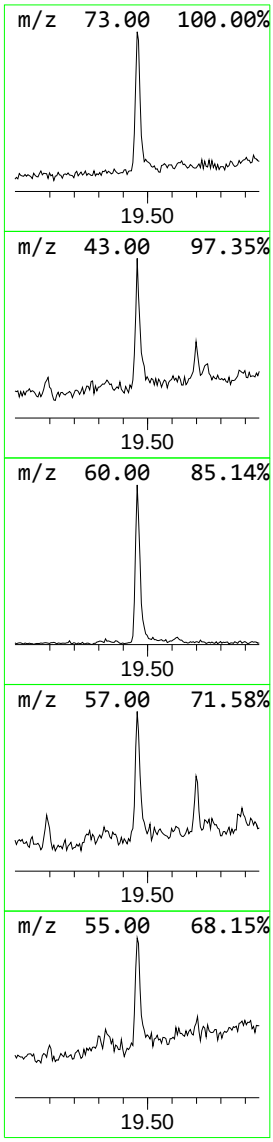
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.457	2.65 ng/ul	200586	Chrysene-d12	21.651

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	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
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Acq On : 21 Apr 2024 02:45
Operator : MA/JU
Sample : P2104-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA3

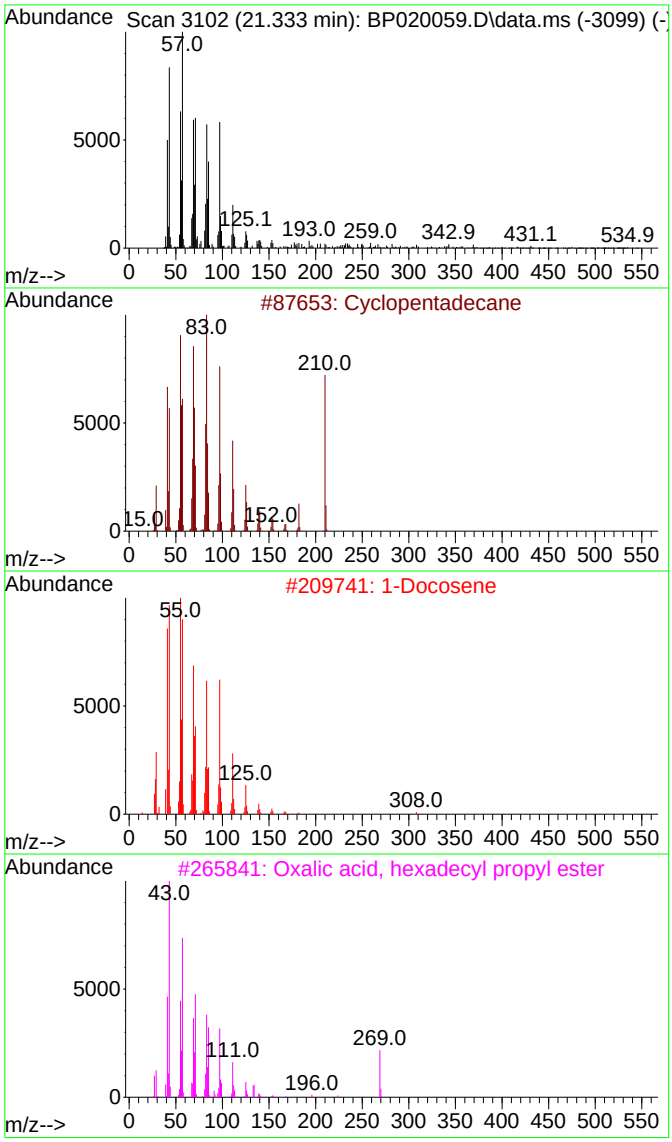
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

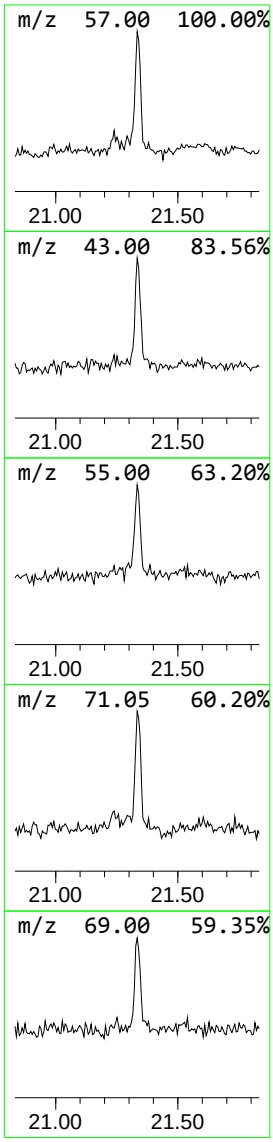
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic21.333 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.333	2.38 ng/ul	179826	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	90
2	1-Docosene	308	C22H44	001599-67-3	83
3	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	83
4	Pentacos-1-ene	350	C25H50	016980-85-1	78
5	Cyclotetradecane	196	C14H28	000295-17-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020059.D
Acq On : 21 Apr 2024 02:45
Operator : MA/JU
Sample : P2104-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.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
n-Hexadecanoic ...	18.110	4.2	ng/ul	293626	4	17.157	1406610	20.0
Octadecanoic acid	19.457	2.6	ng/ul	200586	5	21.651	1512750	20.0
(DEL) Alkane: C...	21.333	2.4	ng/ul	179826	5	21.651	1512750	20.0