LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082523\
Data File : BP016760.D
Acq On : 25 Aug 2023 23:28
Operator : MA/JU
Sample : 04037-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYD6

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-BP082423.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016760.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.387	13	17	22	rVB	70569	97625	1.71%	0.148%
2	3.834	90	93	106	rVB2	38441	70360	1.23%	0.106%
3	3.934	107	110	115	rVB	30231	38981	0.68%	0.059%
4	4.022	120	125	133	rVB	75654	118318	2.07%	0.179%
5	4.140	141	145	150	rVB	24267	36228	0.63%	0.055%
6	4.528	208	211	216	rVB4	15878	21964	0.38%	0.033%
7	5.075	300	304	309	rBV	46778	70458	1.23%	0.106%
8	5.193	322	324	329	rVB5	7123	10113	0.18%	0.015%
9	5.387	353	357	359	rBV4	4795	6965	0.12%	0.011%
10	5.405	359	360	368	rVB8	8311	10119	0.18%	0.015%
11	5.487	372	374	378	rBV4	6185	7823	0.14%	0.012%
12	5.622	392	397	401	rBV4	14195	30942	0.54%	0.047%
13	5.969	452	456	458	rBV3	8091	12736	0.22%	0.019%
14	5.993	458	460	467	rVB3	12926	21243	0.37%	0.032%
15	6.610	562	565	570	rBV7	7070	13041	0.23%	0.020%
16	6.981	624	628	631	rBV6	9151	12903	0.23%	0.020%
17	7.093	643	647	649	rBV4	3912	5750	0.10%	0.009%
18	7.116	649	651	655	rVB5	4682	5828	0.10%	0.009%
19	7.181	655	662	674	rBV	908987	1488700	26.06%	2.250%
20	7.375	688	695	707	rVV	803721	1234881	21.62%	1.866%
21	7.469	707	711	715	rVB8	4056	6386	0.11%	0.010%
22	7.557	718	726	736	rBV	954253	1536368	26.89%	2.322%
23	7.651	737	742	749	rVV5	14937	31235	0.55%	0.047%
24	7.840	769	774	780	rBV4	8755	13762	0.24%	0.021%
25	8.040	798	808	817	rBV	1243841	1934669	33.87%	2.924%
26	8.128	817	823	828	rVB5	6493	12312	0.22%	0.019%
27	8.222	834	839	842	rBV7	2480	6035	0.11%	0.009%
28	8.557	892	896	905	rVB7	7769	14845	0.26%	0.022%
29	8.646	910	911	919	rVB8	5171	8435	0.15%	0.013%
30	8.740	919	927	938	rBV	936309	1515654	26.53%	2.291%
31	8.887	947	952	960	rVB	87191	142377	2.49%	0.215%
32	9.234	1001	1011	1022	rBV	908255	1506142	26.37%	2.276%
33	9.351	1028	1031	1037	rVB7	8104	11822	0.21%	0.018%
34	9.457	1044	1049	1054	rVB5	10435	15721	0.28%	0.024%
35	9.716	1091	1093	1099	rVB7	4327	6628	0.12%	0.010%
36	9.951	1123	1133	1141	rBV	672653	1129623	19.77%	1.707%

LSC Area Percent Report

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Operator : MA/JU
Sample : 04037-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYD6

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-BP082423.MA.M
Title : SVOA CALIBRATION

37	10.063	1149	1152	1156	rBV4	5606	8476	0.15%	0.013%
38	10.316	1189	1195	1203	rBV8	10139	20920	0.37%	0.032%
39	10.475	1214	1222	1233	rBV	1056479	1780949	31.18%	2.692%
40	10.763	1266	1271	1276	rVB3	15747	24435	0.43%	0.037%
41	10.869	1281	1289	1296	rBV	1755641	2922140	51.15%	4.416%
42	10.922	1296	1298	1302	rVV	30736	45962	0.80%	0.069%
43	10.969	1302	1306	1309	rVV	59814	97638	1.71%	0.148%
44	11.022	1309	1315	1330	rVB	916912	1610769	28.20%	2.434%
45	11.404	1377	1380	1389	rVB9	5443	13657	0.24%	0.021%
46	11.528	1396	1401	1403	rVB5	4142	7131	0.12%	0.011%
47	11.616	1411	1416	1422	rBV10	7874	16976	0.30%	0.026%
48	11.687	1424	1428	1430	rBV5	4735	6568	0.11%	0.010%
49	11.810	1444	1449	1453	rVB6	7711	13535	0.24%	0.020%
50	11.892	1460	1463	1467	rVB6	4128	6075	0.11%	0.009%
51	11.939	1469	1471	1477	rVB7	3585	6011	0.11%	0.009%
52	12.016	1479	1484	1487	rBV7	3622	6263	0.11%	0.009%
53	12.210	1512	1517	1522	rBV3	18165	28332	0.50%	0.043%
54	12.339	1535	1539	1542	rBV5	6720	8264	0.14%	0.012%
55	12.445	1552	1557	1565	rVB	25623	42942	0.75%	0.065%
56	12.522	1565	1570	1576	rBV	27452	42590	0.75%	0.064%
57	12.675	1592	1596	1600	rVB4	5095	8626	0.15%	0.013%
58	12.739	1600	1607	1612	rBV2	19689	35052	0.61%	0.053%
59	12.969	1641	1646	1649	rVB7	5220	7943	0.14%	0.012%
60	13.022	1649	1655	1658	rVB6	8832	15317	0.27%	0.023%
61	13.157	1672	1678	1681	rBV8	8603	15174	0.27%	0.023%
62	13.192	1681	1684	1691	rVB9	4386	8250	0.14%	0.012%
63	13.263	1693	1696	1699	rVB4	6672	7839	0.14%	0.012%
64	13.451	1721	1728	1734	rVB	29140	46248	0.81%	0.070%
65	13.534	1734	1742	1748	rBV4	63449	119312	2.09%	0.180%
66	13.622	1751	1757	1761	rBV8	5206	10791	0.19%	0.016%
67	13.839	1788	1794	1795	rBV5	9269	12914	0.23%	0.020%
68	14.004	1815	1822	1827	rBV3	25099	49241	0.86%	0.074%
69	14.063	1827	1832	1833	rVV3	13521	23419	0.41%	0.035%
70	14.098	1833	1838	1853	rVB	2002750	2729831	47.79%	4.126%
71	14.239	1859	1862	1865	rBV4	6590	7882	0.14%	0.012%
72	14.392	1879	1888	1899	rBV	2328275	3544473	62.05%	5.357%
73	14.522	1906	1910	1913	rVB	29525	35479	0.62%	0.054%
74	14.692	1932	1939	1947	rBV	2634990	3863780	67.64%	5.839%
75	14.892	1967	1973	1985	rBV	364529	721709	12.63%	1.091%
76	15.075	1999	2004	2008	rBV8	25718	54665	0.96%	0.083%

LSC Area Percent Report

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Operator : MA/JU
Sample : 04037-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYD6

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

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Title : SVOA CALIBRATION

77	15.122	2008	2012	2023	rVB4	53603	104245	1.82%	0.158%
78	15.292	2037	2041	2045	rBV7	7911	13330	0.23%	0.020%
79	15.433	2062	2065	2067	rBV3	7955	9026	0.16%	0.014%
80	15.475	2069	2072	2085	rVB4	29095	55154	0.97%	0.083%
81	15.686	2101	2108	2122	rBV	3067245	4414003	77.27%	6.671%
82	15.804	2123	2128	2136	rBV	334842	470677	8.24%	0.711%
83	15.980	2155	2158	2162	rVB	20859	24748	0.43%	0.037%
84	16.028	2163	2166	2170	rVB5	11024	15571	0.27%	0.024%
85	16.357	2216	2222	2227	rBV2	48132	96144	1.68%	0.145%
86	16.975	2323	2327	2335	rBV2	42119	66153	1.16%	0.100%
87	17.145	2353	2356	2359	rVB2	26158	30178	0.53%	0.046%
88	17.457	2403	2409	2414	rBV	3303815	4673834	81.82%	7.064%
89	17.498	2414	2416	2420	rVV	104987	134582	2.36%	0.203%
90	17.557	2420	2426	2436	rVV	3140967	4452811	77.95%	6.730%
91	17.633	2437	2439	2445	rVB3	53343	78288	1.37%	0.118%
92	18.298	2547	2552	2560	rBV	576643	1019567	17.85%	1.541%
93	19.527	2758	2761	2767	rBV3	241142	406381	7.11%	0.614%
94	19.792	2800	2806	2815	rBV	3890190	5712505	100.00%	8.633%
95	21.210	3044	3047	3054	rVB2	668677	994289	17.41%	1.503%
96	21.551	3101	3105	3110	rVB	2973742	4011308	70.22%	6.062%
97	22.121	3198	3202	3210	rBV	2903117	3877755	67.88%	5.861%
98	23.956	3510	3514	3521	rVB2	1703896	3145218	55.06%	4.753%
99	24.127	3539	3543	3551	rVB	1583051	3126501	54.73%	4.725%

Sum of corrected areas: 66166838

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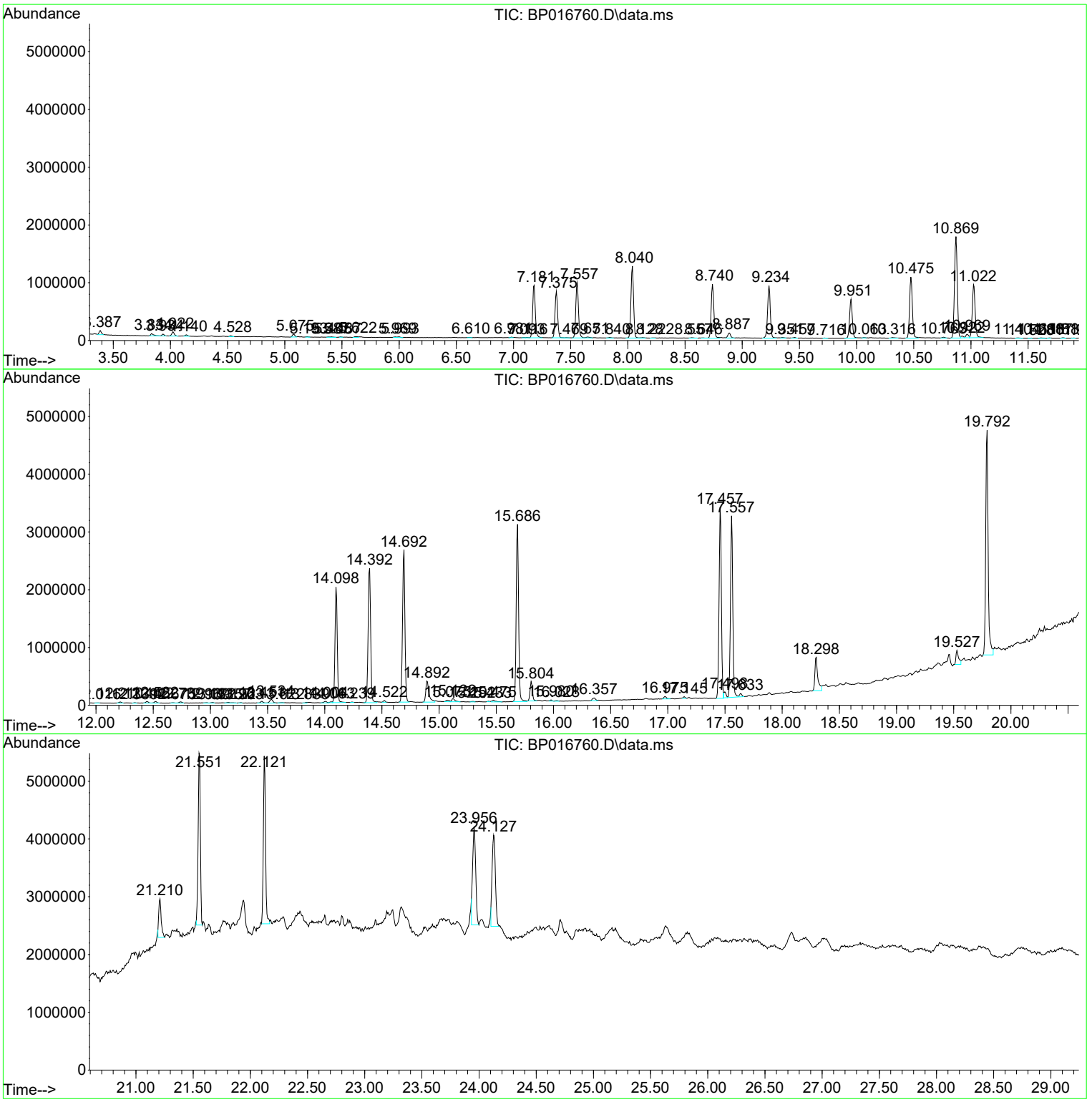
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYD6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.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\BP082523\
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Quant Title : SVOA CALIBRATION

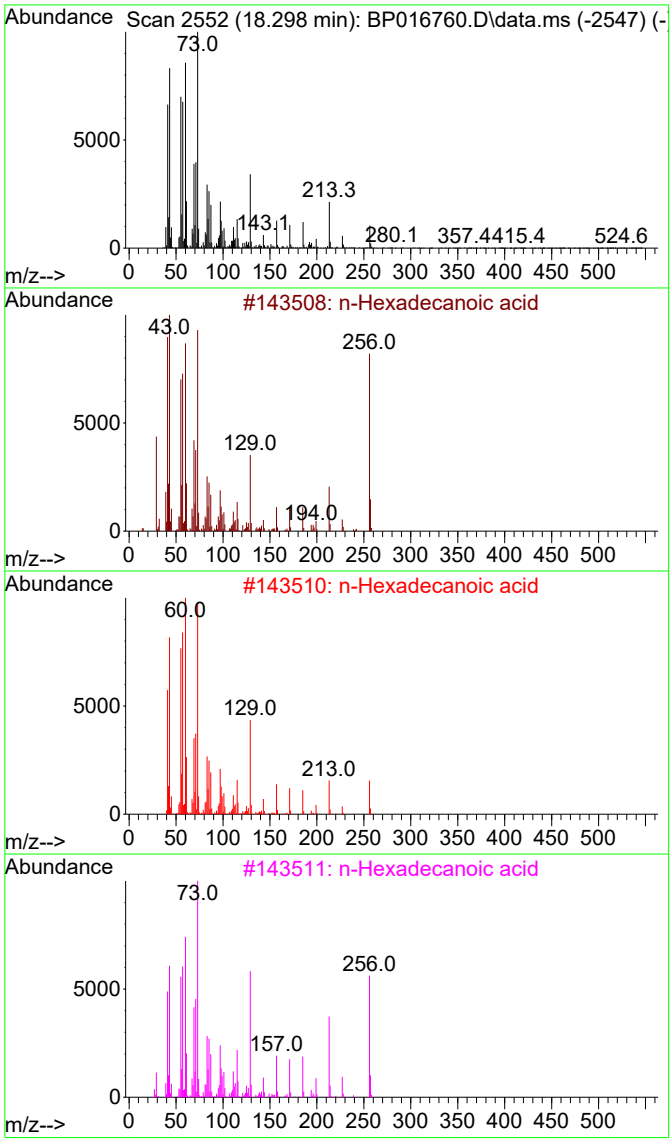
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

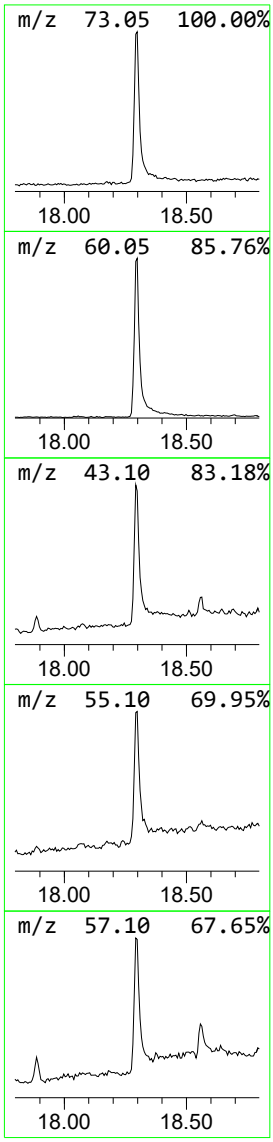
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	4.36 ng/ul	1019570	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	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082523\
Data File : BP016760.D
Acq On : 25 Aug 2023 23:28
Operator : MA/JU
Sample : 04037-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYD6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

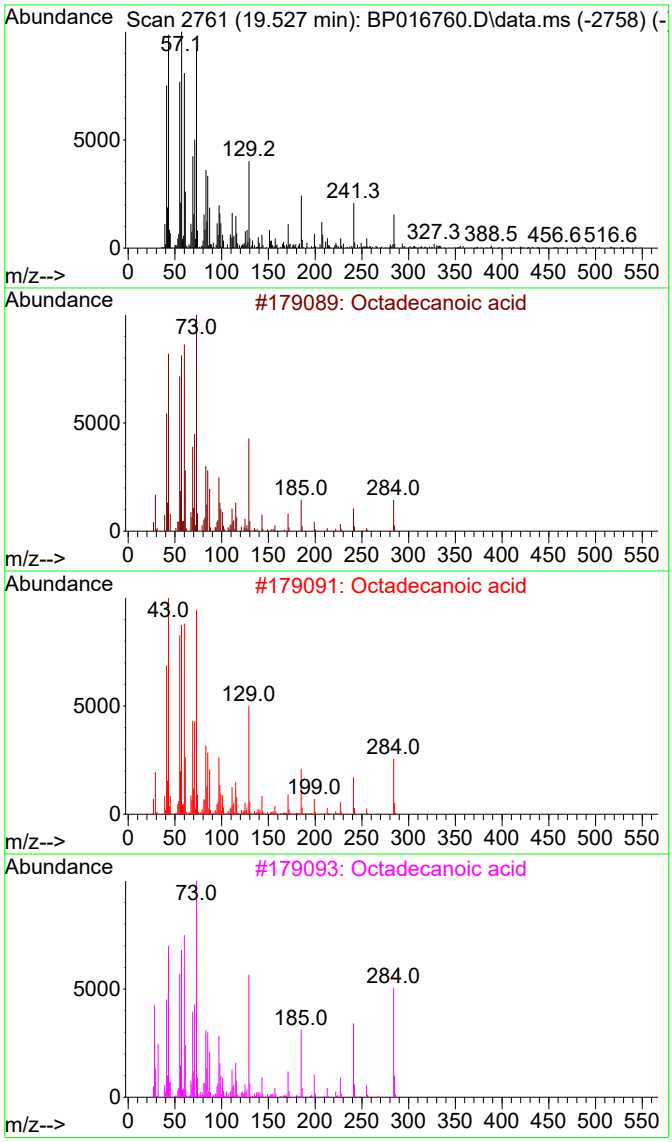
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

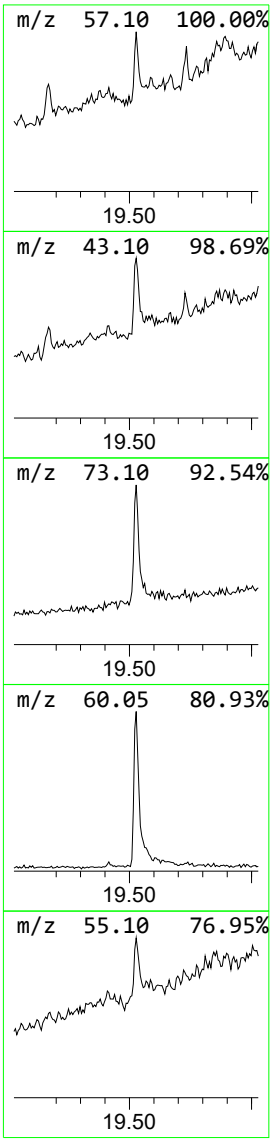
****

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.527	2.03 ng/ul	406381	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYD6

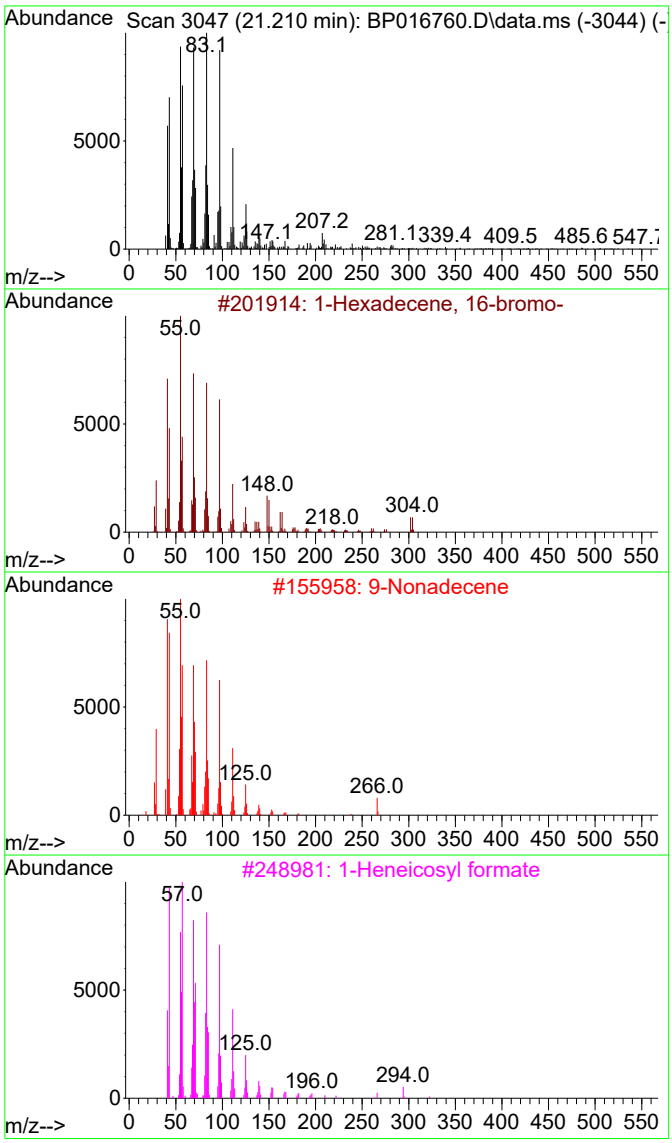
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

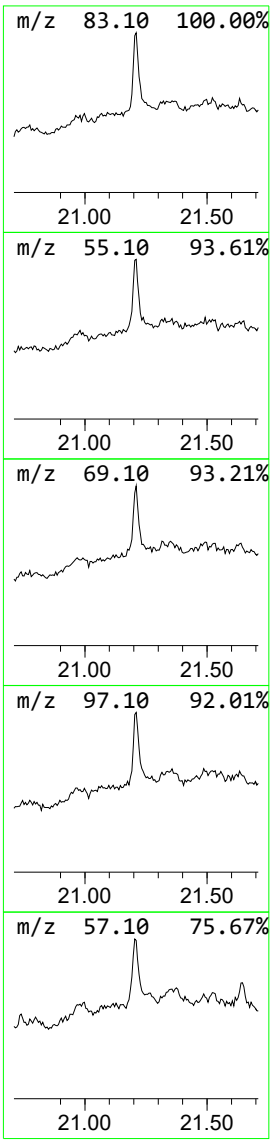
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Hexadecene, 16-bromo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.210	4.96 ng/ul	994289	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	91
2	9-Nonadecene	266	C19H38	031035-07-1	90
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	87
4	Nonacos-1-ene	406	C29H58	018835-35-3	87
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	83





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Instrument :
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ClientSampleId :
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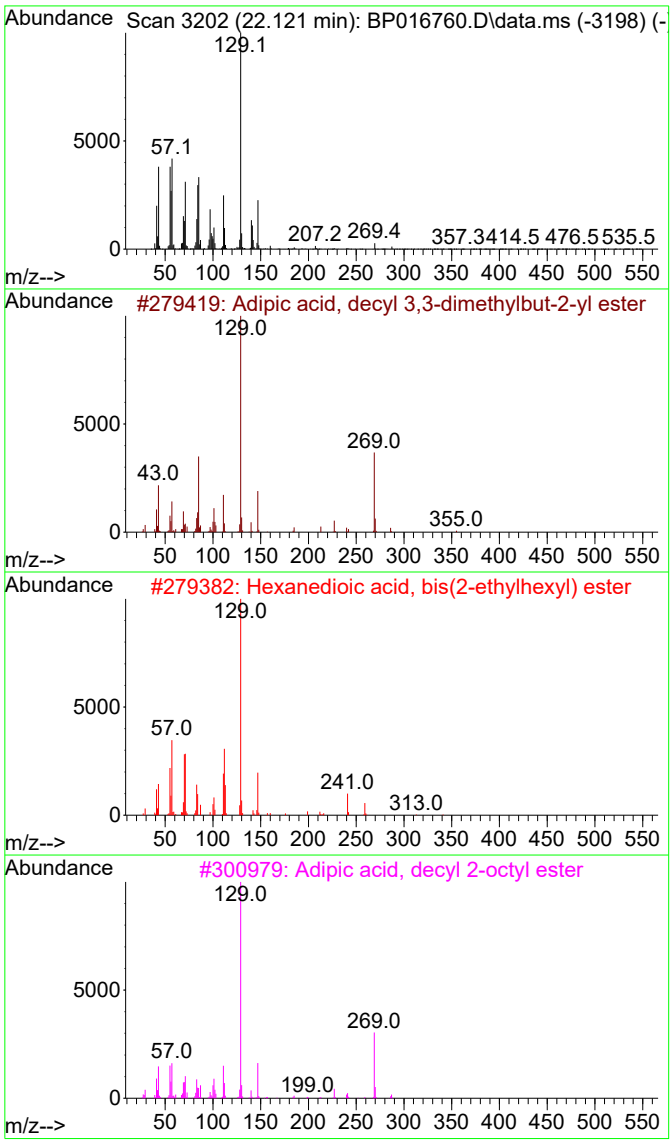
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

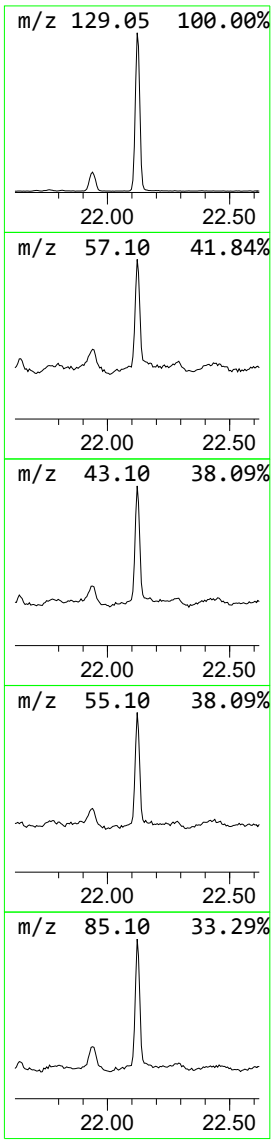
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Adipic acid, decyl 3,3-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.121	19.33 ng/ul	3877760	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, decyl 3,3-dimethylb...	370	C22H42O4	1000353-67-5	53
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	52
3	Adipic acid, decyl 2-octyl ester	398	C24H46O4	1000324-45-2	47
4	Adipic acid, di(3-hexyl) ester	314	C18H34O4	1000353-63-9	47
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082523\
Data File : BP016760.D
Acq On : 25 Aug 2023 23:28
Operator : MA/JU
Sample : 04037-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYD6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.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 ...	18.298	4.4	ng/ul	1019570	4	17.457	4673830	20.0
Octadecanoic acid	19.527	2.0	ng/ul	406381	5	21.551	4011310	20.0
1-Hexadecene, 1...	21.210	5.0	ng/ul	994289	5	21.551	4011310	20.0
Adipic acid, de...	22.121	19.3	ng/ul	3877760	5	21.551	4011310	20.0