LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021244.D
Acq On : 30 Jul 2024 21:25
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AZ6

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-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021244.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.175	27	32	39	rVB	18649	29798	0.66%	0.070%
2	3.475	80	83	89	rBV2	7149	14921	0.33%	0.035%
3	3.599	101	104	124	rBV	91403	204505	4.53%	0.480%
4	3.893	151	154	157	rVB3	4516	4574	0.10%	0.011%
5	4.793	300	307	312	rBV7	3056	7201	0.16%	0.017%
6	6.740	634	638	641	rBV5	2960	4569	0.10%	0.011%
7	6.857	652	658	673	rBV	120587	321077	7.11%	0.753%
8	6.981	673	679	696	rVB	362463	597662	13.23%	1.402%
9	7.187	707	714	734	rBV	440237	796472	17.63%	1.868%
10	7.628	782	789	803	rBV	476248	836198	18.51%	1.961%
11	8.363	907	914	942	rBV2	350560	864626	19.14%	2.028%
12	8.798	980	988	1003	rBV	388838	787702	17.44%	1.847%
13	9.128	1041	1044	1049	rVB4	4780	6300	0.14%	0.015%
14	9.363	1076	1084	1092	rBV4	5200	13788	0.31%	0.032%
15	9.510	1101	1109	1125	rBV	309755	700155	15.50%	1.642%
16	10.063	1196	1203	1231	rBV	388344	1112881	24.63%	2.610%
17	10.263	1234	1237	1247	rVB	3772	9651	0.21%	0.023%
18	10.398	1252	1260	1267	rBV	711888	1180586	26.13%	2.769%
19	10.569	1281	1289	1320	rBV	315299	840174	18.60%	1.970%
20	10.863	1333	1339	1344	rVB10	3949	9988	0.22%	0.023%
21	11.004	1357	1363	1368	rVB10	2577	6123	0.14%	0.014%
22	11.204	1389	1397	1403	rBV4	15266	42208	0.93%	0.099%
23	11.263	1405	1407	1420	rVB4	5289	12075	0.27%	0.028%
24	11.616	1460	1467	1472	rVB9	5094	9649	0.21%	0.023%
25	12.004	1529	1533	1543	rVB4	6111	14215	0.31%	0.033%
26	12.610	1626	1636	1642	rBV10	6943	18589	0.41%	0.044%
27	12.863	1673	1679	1684	rVB6	7339	13240	0.29%	0.031%
28	13.328	1753	1758	1764	rVB6	8384	14877	0.33%	0.035%
29	13.639	1807	1811	1812	rVV4	5151	5979	0.13%	0.014%
30	13.681	1812	1818	1833	rVB	1099191	1677939	37.14%	3.935%
31	13.822	1839	1842	1845	rBV3	7866	10215	0.23%	0.024%
32	13.857	1845	1848	1856	rVB4	11867	20050	0.44%	0.047%
33	13.969	1859	1867	1881	rBV	1358480	1997203	44.21%	4.684%
34	14.204	1901	1907	1908	rBV5	3098	5553	0.12%	0.013%
35	14.275	1912	1919	1924	rVV	1093524	1639841	36.30%	3.846%
36	14.339	1924	1930	1940	rVB	748014	1173645	25.98%	2.752%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021244.D
Acq On : 30 Jul 2024 21:25
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AZ6

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-BP071024.MA.M
Title : SVOA CALIBRATION

37	14.475	1949	1953	1954	rBV3	26758	27708	0.61%	0.065%
38	14.592	1968	1973	1975	rBV	22538	34387	0.76%	0.081%
39	14.639	1975	1981	1982	rBV3	25296	44979	1.00%	0.105%
40	14.722	1993	1995	2000	rVB5	14615	18889	0.42%	0.044%
41	15.063	2049	2053	2054	rBV4	8208	11389	0.25%	0.027%
42	15.128	2060	2064	2069	rVB3	14065	20944	0.46%	0.049%
43	15.292	2085	2092	2101	rBV	1459226	2512364	55.61%	5.892%
44	15.469	2115	2122	2127	rBV	531737	861412	19.07%	2.020%
45	15.651	2149	2153	2165	rVB	44904	83073	1.84%	0.195%
46	15.751	2167	2170	2172	rBV4	7684	8396	0.19%	0.020%
47	15.804	2175	2179	2186	rVV2	30416	62436	1.38%	0.146%
48	16.057	2218	2222	2230	rVB2	33671	58293	1.29%	0.137%
49	16.163	2232	2240	2246	rBV3	24855	61432	1.36%	0.144%
50	16.327	2264	2268	2271	rBV5	14803	23959	0.53%	0.056%
51	16.427	2282	2285	2290	rVB3	17332	24534	0.54%	0.058%
52	16.998	2380	2382	2388	rVB3	34288	40209	0.89%	0.094%
53	17.092	2392	2398	2404	rBV	1451001	2107868	46.66%	4.943%
54	17.198	2410	2416	2427	rBV2	1844479	2976335	65.88%	6.980%
55	18.027	2552	2557	2567	rBV	512494	824954	18.26%	1.935%
56	18.210	2583	2588	2600	rVB	261312	386227	8.55%	0.906%
57	18.516	2636	2640	2645	rVB3	108894	134492	2.98%	0.315%
58	19.239	2758	2763	2772	rVB	1001715	1302479	28.83%	3.055%
59	19.357	2779	2783	2795	rVB2	268441	421141	9.32%	0.988%
60	19.586	2817	2822	2826	rBV	3025835	4290116	94.96%	10.061%
61	21.192	3091	3095	3108	rVB2	254242	426998	9.45%	1.001%
62	21.539	3148	3154	3167	rVB2	1866318	3023048	66.92%	7.090%
63	24.621	3669	3678	3695	rVB	1765238	4517589	100.00%	10.595%
64	24.833	3706	3714	3732	rVB	1073386	3329723	73.71%	7.809%

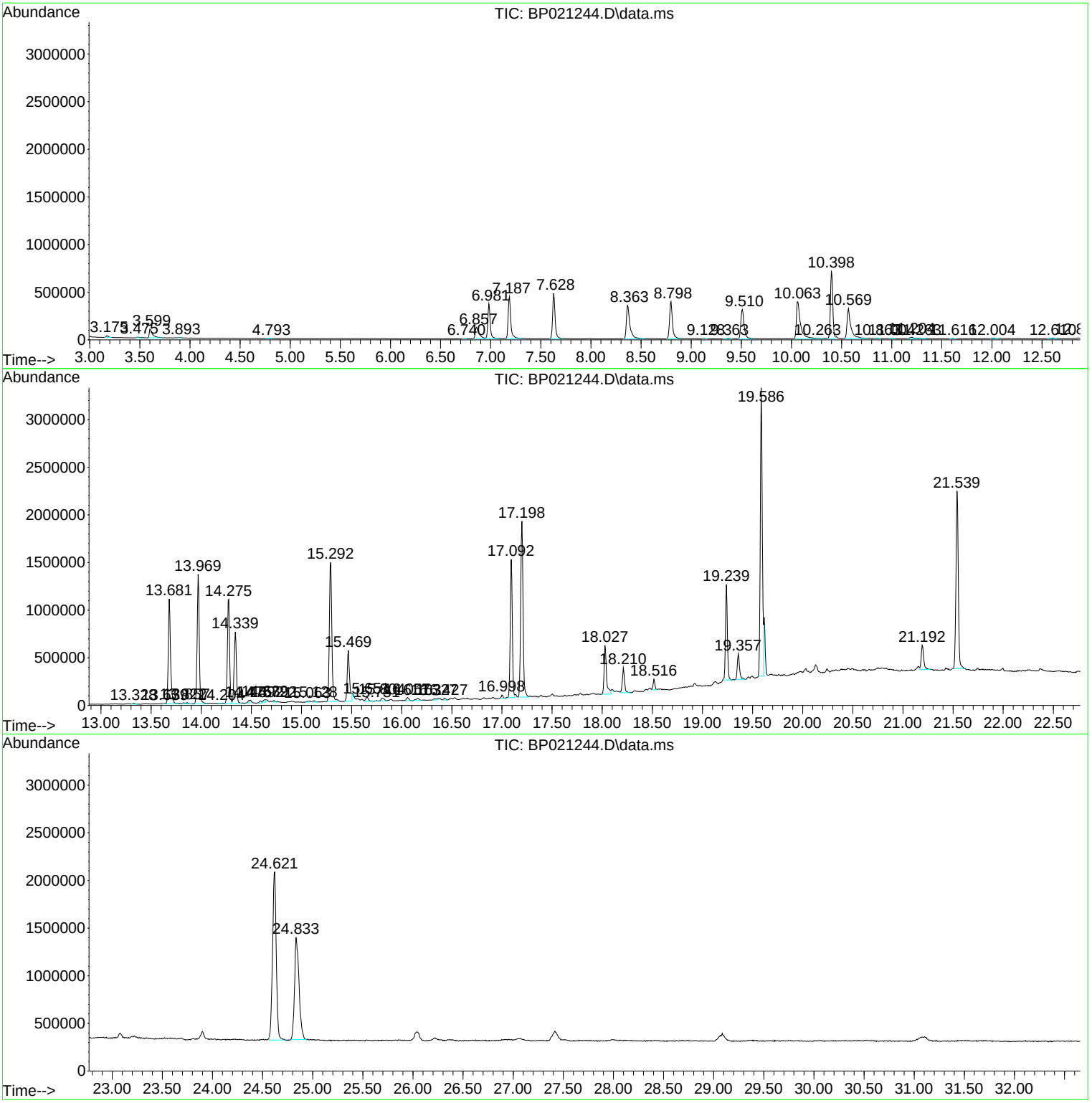
Sum of corrected areas: 42639603

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021244.D
Acq On : 30 Jul 2024 21:25
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AZ6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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\BP072924\
Data File : BP021244.D
Acq On : 30 Jul 2024 21:25
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AZ6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

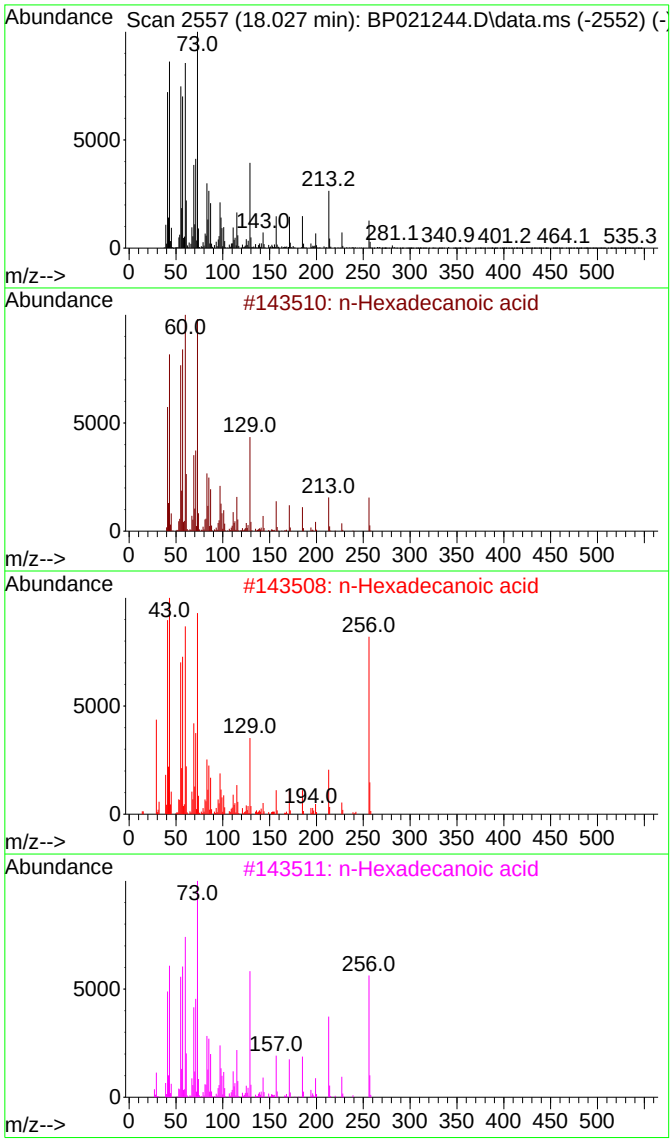
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

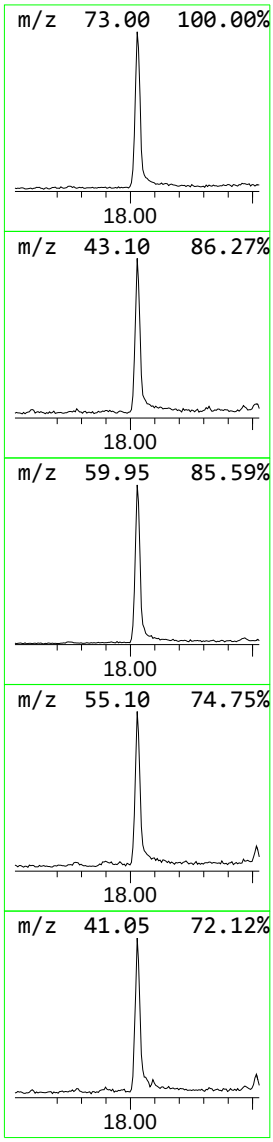
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.027	7.83 ng/ul	824954	Phenanthrene-d10	17.092

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	Tridecanoic acid	214	C13H26O2	000638-53-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021244.D
Acq On : 30 Jul 2024 21:25
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AZ6

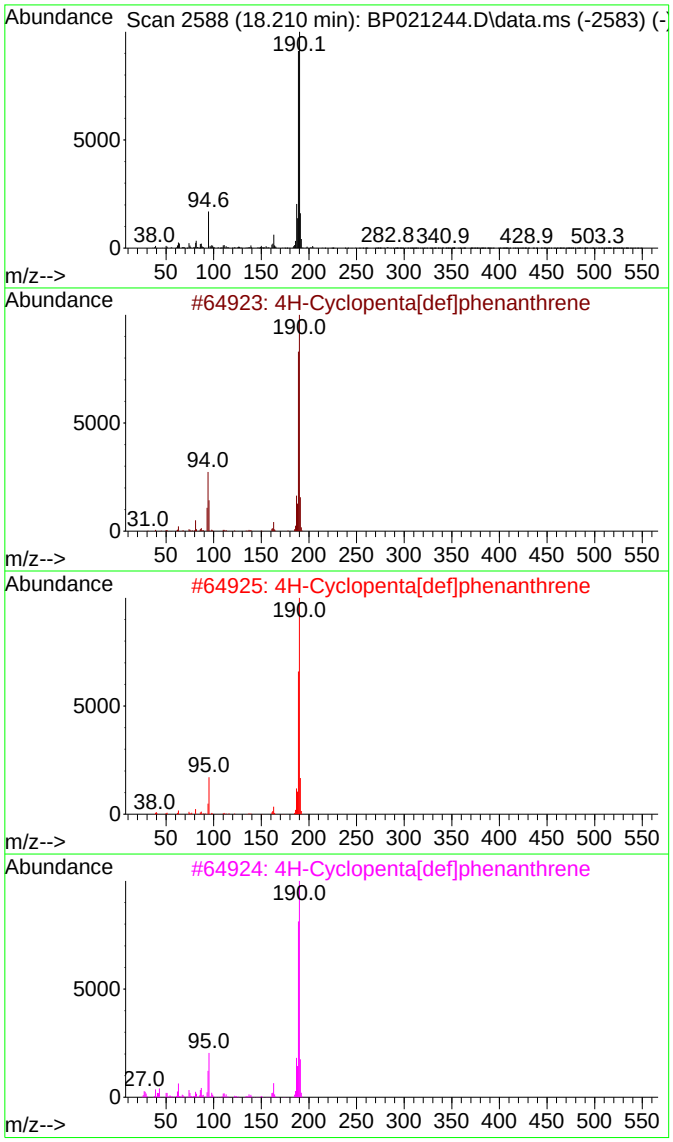
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

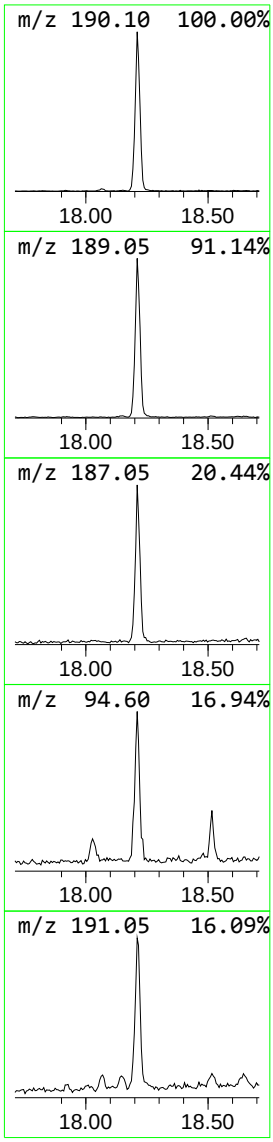
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	3.66 ng/ul	386227	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	59
5	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021244.D
Acq On : 30 Jul 2024 21:25
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AZ6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

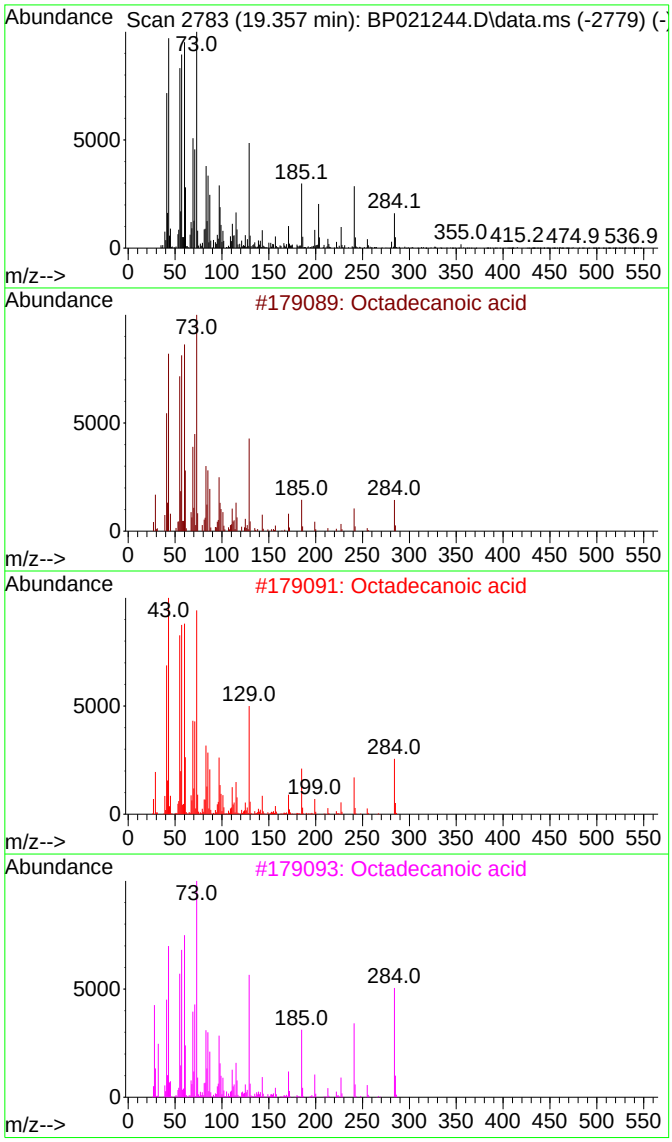
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

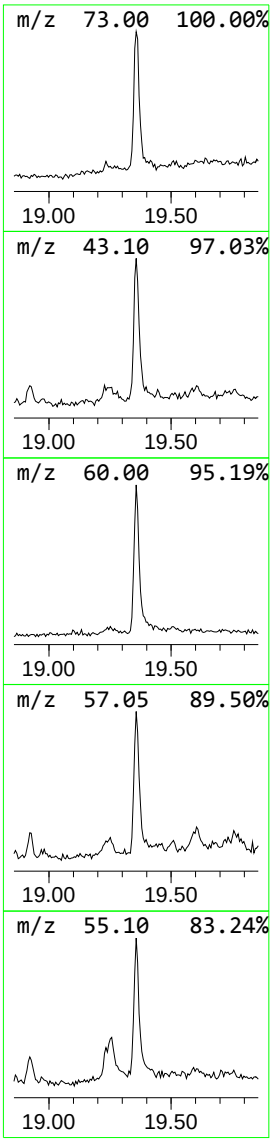
****

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.357	2.79 ng/ul	421141	Chrysene-d12	21.539

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	94
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021244.D
Acq On : 30 Jul 2024 21:25
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AZ6

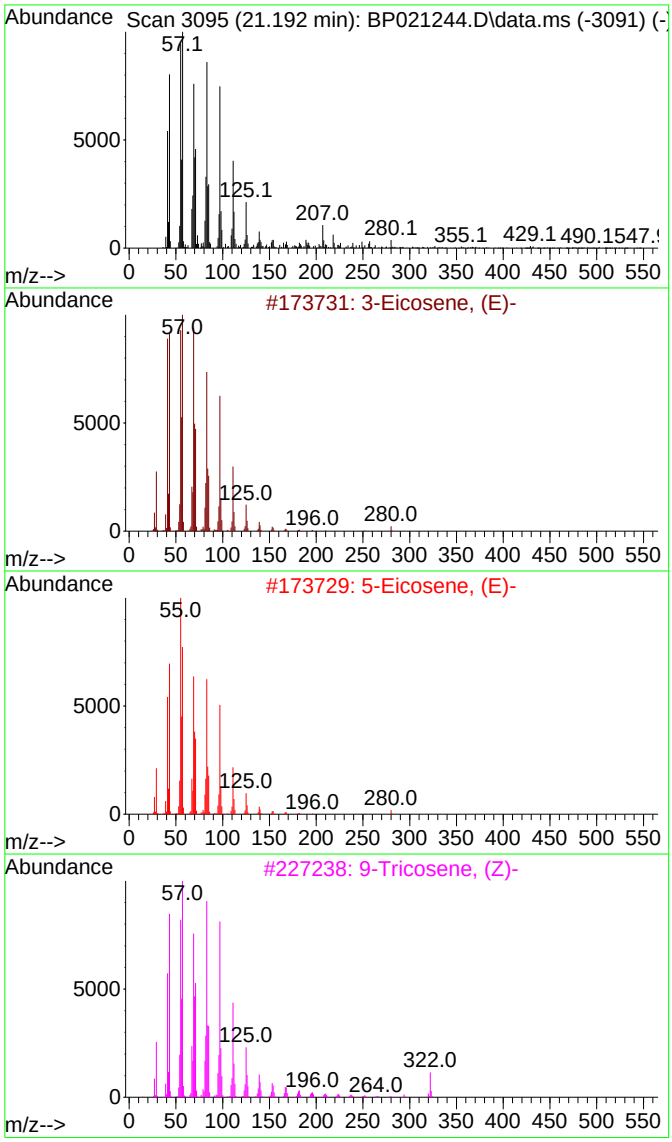
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

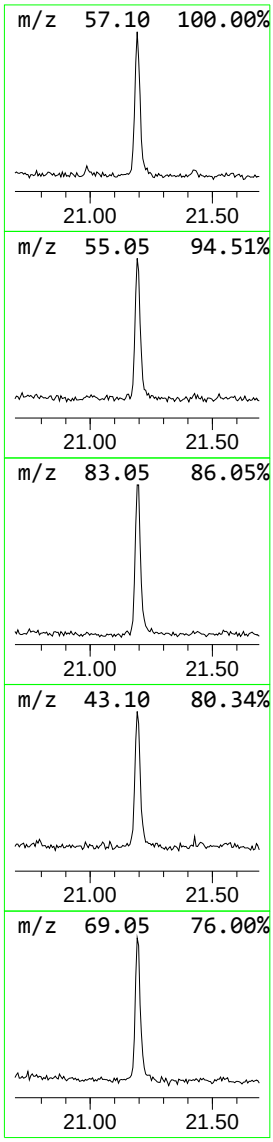
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	2.82 ng/ul	426998	Chrysene-d12	21.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
5	1-Heneicosanol	312	C21H44O	015594-90-8	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021244.D
Acq On : 30 Jul 2024 21:25
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AZ6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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 ...	18.027	7.8	ng/ul	824954	4	17.092	2107870	20.0
4H-Cyclopenta[d...	18.210	3.7	ng/ul	386227	4	17.092	2107870	20.0
Octadecanoic acid	19.357	2.8	ng/ul	421141	5	21.539	3023050	20.0
(DEL) Alkane: S...	21.192	2.8	ng/ul	426998	5	21.539	3023050	20.0