LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020851.D
Acq On : 09 Jul 2024 04:44
Operator : MA/JU
Sample : P3035-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CY1

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-BP062524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020851.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.264	43	47	53	rBV	32982	46238	1.01%	0.070%
2	3.540	91	94	101	rBV	47643	71539	1.57%	0.109%
3	3.687	116	119	129	rVV	55255	89539	1.96%	0.136%
4	3.775	130	134	139	rVB	28014	39786	0.87%	0.061%
5	3.987	166	170	178	rVB	17546	27619	0.60%	0.042%
6	4.399	238	240	247	rVB3	8296	13964	0.31%	0.021%
7	4.487	251	255	259	rBV4	7058	10956	0.24%	0.017%
8	4.534	259	263	269	rVB2	14520	22847	0.50%	0.035%
9	4.881	318	322	330	rBV	55503	87476	1.91%	0.133%
10	5.769	466	473	477	rBV7	6590	12949	0.28%	0.020%
11	5.852	477	487	493	rVV7	10919	24658	0.54%	0.038%
12	6.781	638	645	650	rBV7	7889	15846	0.35%	0.024%
13	6.922	660	669	686	rBV	641307	1191174	26.07%	1.816%
14	7.075	689	695	706	rVB	554765	871355	19.07%	1.328%
15	7.269	721	728	738	rBV	711167	1200005	26.26%	1.829%
16	7.352	738	742	752	rVB4	14179	35776	0.78%	0.055%
17	7.734	798	807	814	rBV	718920	1216471	26.62%	1.854%
18	7.805	814	819	822	rVB5	6047	11285	0.25%	0.017%
19	8.440	917	927	941	rBV	807008	1485003	32.50%	2.264%
20	8.552	941	946	954	rVB2	19812	38579	0.84%	0.059%
21	8.881	994	1002	1014	rBV	696400	1169863	25.60%	1.783%
22	9.252	1059	1065	1070	rBV2	8231	15408	0.34%	0.023%
23	9.428	1090	1095	1105	rVB	44676	75437	1.65%	0.115%
24	9.593	1115	1123	1134	rBV	619387	1031728	22.58%	1.573%
25	9.834	1160	1164	1169	rVB8	7828	14121	0.31%	0.022%
26	10.128	1206	1214	1237	rBV	895362	1645599	36.01%	2.508%
27	10.493	1265	1276	1282	rBV	976404	1788088	39.13%	2.726%
28	10.646	1293	1302	1321	rBV	349645	797594	17.45%	1.216%
29	11.034	1362	1368	1376	rBV6	16359	35823	0.78%	0.055%
30	11.240	1396	1403	1410	rBV3	73465	154380	3.38%	0.235%
31	12.087	1540	1547	1553	rVV3	13648	26184	0.57%	0.040%
32	12.157	1553	1559	1568	rVB	13349	24834	0.54%	0.038%
33	12.375	1591	1596	1602	rBV2	7294	12861	0.28%	0.020%
34	13.181	1727	1733	1740	rBV6	7751	20810	0.46%	0.032%
35	13.287	1747	1751	1754	rBV3	9669	16715	0.37%	0.025%
36	13.340	1757	1760	1765	rVB4	9387	16984	0.37%	0.026%

LSC Area Percent Report

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Operator : MA/JU
Sample : P3035-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CY1

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-BP062524.MA.M
Title : SVOA CALIBRATION

37	13.534	1783	1793	1799	rBV7	15369	41807	0.91%	0.064%
38	13.663	1809	1815	1821	rVB4	15355	27063	0.59%	0.041%
39	13.757	1821	1831	1838	rBV	1439032	2329994	50.99%	3.552%
40	14.040	1869	1879	1896	rBV	1856126	3001222	65.68%	4.575%
41	14.175	1897	1902	1908	rVV10	9719	16170	0.35%	0.025%
42	14.245	1909	1914	1919	rVB8	8144	16632	0.36%	0.025%
43	14.357	1921	1933	1939	rBV	1588662	2487762	54.44%	3.792%
44	14.416	1939	1943	1949	rVB	48926	75915	1.66%	0.116%
45	14.569	1961	1969	1972	rBV	832549	2035356	44.54%	3.102%
46	14.745	1995	1999	2001	rBV	35513	49527	1.08%	0.075%
47	14.987	2036	2040	2044	rBV4	8130	12415	0.27%	0.019%
48	15.045	2046	2050	2054	rVB5	11060	17502	0.38%	0.027%
49	15.157	2062	2069	2072	rBV4	16876	29988	0.66%	0.046%
50	15.369	2095	2105	2112	rBV	2055042	3541721	77.51%	5.399%
51	15.428	2112	2115	2123	rVB	43756	67788	1.48%	0.103%
52	15.510	2123	2129	2139	rBV	664608	974449	21.32%	1.485%
53	15.634	2148	2150	2155	rVB3	23390	26069	0.57%	0.040%
54	15.728	2163	2166	2173	rVB4	18147	27232	0.60%	0.042%
55	15.945	2199	2203	2210	rVB8	22069	35103	0.77%	0.054%
56	16.110	2226	2231	2238	rBV6	36329	83812	1.83%	0.128%
57	16.263	2253	2257	2259	rBV5	6955	9562	0.21%	0.015%
58	16.369	2273	2275	2279	rVB3	12639	14294	0.31%	0.022%
59	16.563	2303	2308	2312	rBV6	31597	59397	1.30%	0.091%
60	16.681	2321	2328	2333	rBV9	22205	53089	1.16%	0.081%
61	16.822	2347	2352	2358	rBV	40672	62519	1.37%	0.095%
62	16.892	2360	2364	2365	rVV3	19191	21147	0.46%	0.032%
63	16.922	2366	2369	2373	rVV5	32802	56723	1.24%	0.086%
64	16.981	2375	2379	2385	rVB	50560	80924	1.77%	0.123%
65	17.081	2393	2396	2400	rVB5	26744	34855	0.76%	0.053%
66	17.169	2404	2411	2415	rBV	1843244	2923762	63.98%	4.457%
67	17.210	2415	2418	2423	rVV	733724	1097250	24.01%	1.673%
68	17.275	2423	2429	2439	rVV	2473089	3975383	87.00%	6.060%
69	17.357	2440	2443	2449	rVB4	44766	81793	1.79%	0.125%
70	17.592	2477	2483	2487	rBV2	74188	139205	3.05%	0.212%
71	17.786	2510	2516	2522	rVB4	78731	168891	3.70%	0.257%
72	17.863	2526	2529	2533	rBV4	26702	42796	0.94%	0.065%
73	18.069	2558	2564	2565	rBV2	121617	172358	3.77%	0.263%
74	18.098	2565	2569	2579	rVB2	673638	1107364	24.23%	1.688%
75	18.216	2586	2589	2593	rVB2	42845	64193	1.40%	0.098%
76	18.275	2595	2599	2604	rBV2	281542	498656	10.91%	0.760%

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Acq On : 09 Jul 2024 04:44
Operator : MA/JU
Sample : P3035-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CY1

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Title : SVOA CALIBRATION

77	18.316	2604	2606	2609	rBV	42423	53006	1.16%	0.081%
78	18.386	2614	2618	2621	rBV2	80698	128138	2.80%	0.195%
79	18.569	2646	2649	2651	rBV3	51114	66732	1.46%	0.102%
80	18.645	2659	2662	2666	rVB	136286	165706	3.63%	0.253%
81	19.033	2725	2728	2731	rBV2	54925	70976	1.55%	0.108%
82	19.086	2731	2737	2741	rVV6	85166	194363	4.25%	0.296%
83	19.133	2742	2745	2748	rVV3	131378	176862	3.87%	0.270%
84	19.175	2749	2752	2759	rVB3	163791	297361	6.51%	0.453%
85	19.304	2769	2774	2781	rVB	1800003	2564362	56.12%	3.909%
86	19.445	2794	2798	2806	rBV4	272382	504017	11.03%	0.768%
87	19.657	2828	2834	2837	rBV2	2897442	4569585	100.00%	6.965%
88	19.928	2877	2880	2883	rBV3	85256	121359	2.66%	0.185%
89	20.204	2924	2927	2934	rVB2	230300	347118	7.60%	0.529%
90	20.310	2942	2945	2949	rBV	157862	214774	4.70%	0.327%
91	21.286	3106	3111	3118	rVB3	848397	1348013	29.50%	2.055%
92	21.533	3148	3153	3159	rVB	1109464	1608917	35.21%	2.452%
93	21.622	3160	3168	3173	rVV3	2162389	4499351	98.46%	6.858%
94	21.669	3173	3176	3187	rVB	745346	1305528	28.57%	1.990%
95	22.498	3314	3317	3319	rBV	246444	263625	5.77%	0.402%
96	23.910	3552	3557	3567	rBV	516295	1510686	33.06%	2.303%
97	24.080	3582	3586	3592	rVB	611954	1103072	24.14%	1.681%
98	24.745	3693	3699	3707	rVB2	929238	2188298	47.89%	3.336%
99	24.974	3731	3738	3747	rVB	1112599	3006570	65.80%	4.583%
100	26.268	3954	3958	3959	rBV	263086	375177	8.21%	0.572%

Sum of corrected areas: 65604778

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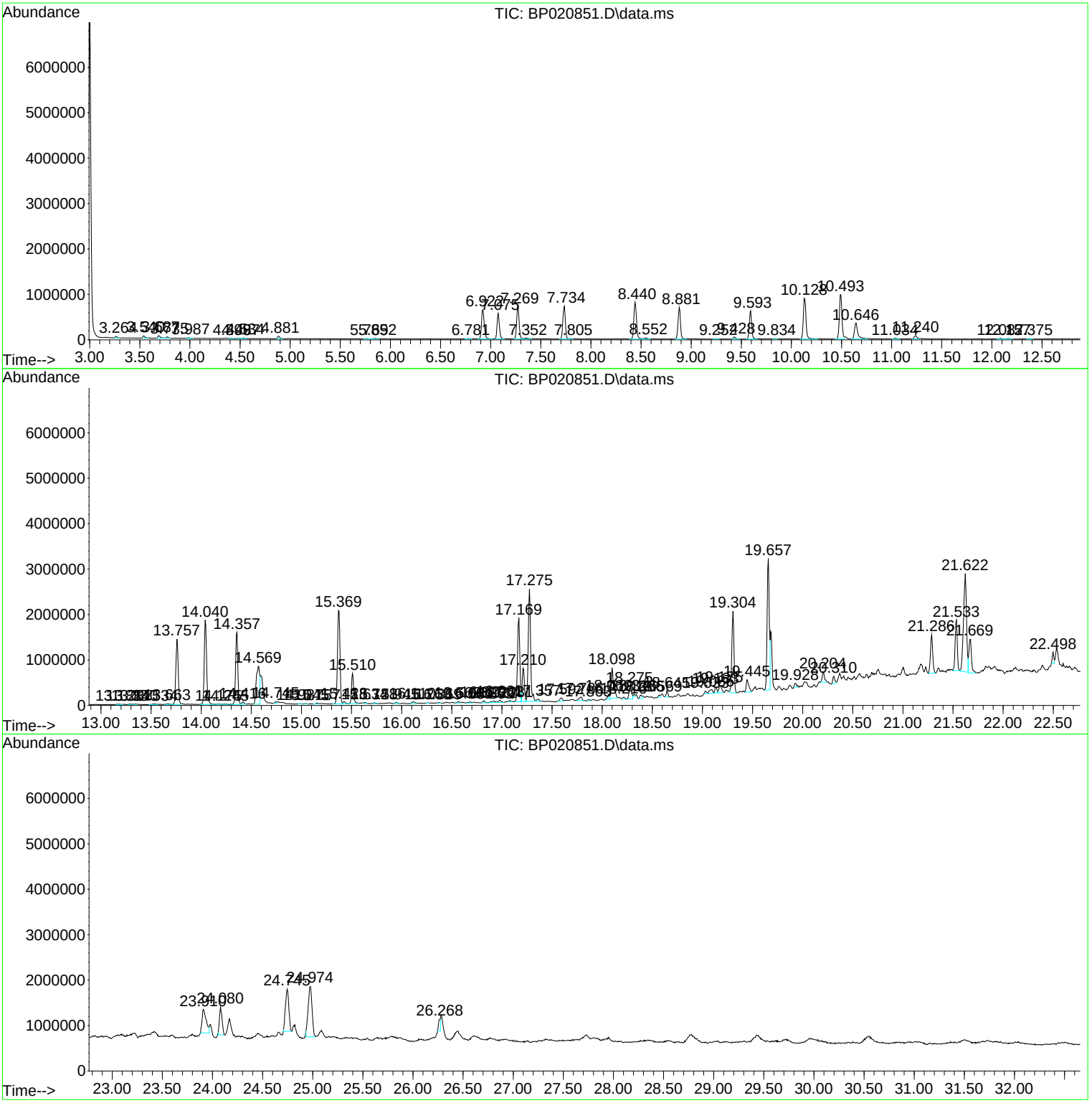
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CY1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.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\BP070824\
Data File : BP020851.D
Acq On : 09 Jul 2024 04:44
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Sample : P3035-11
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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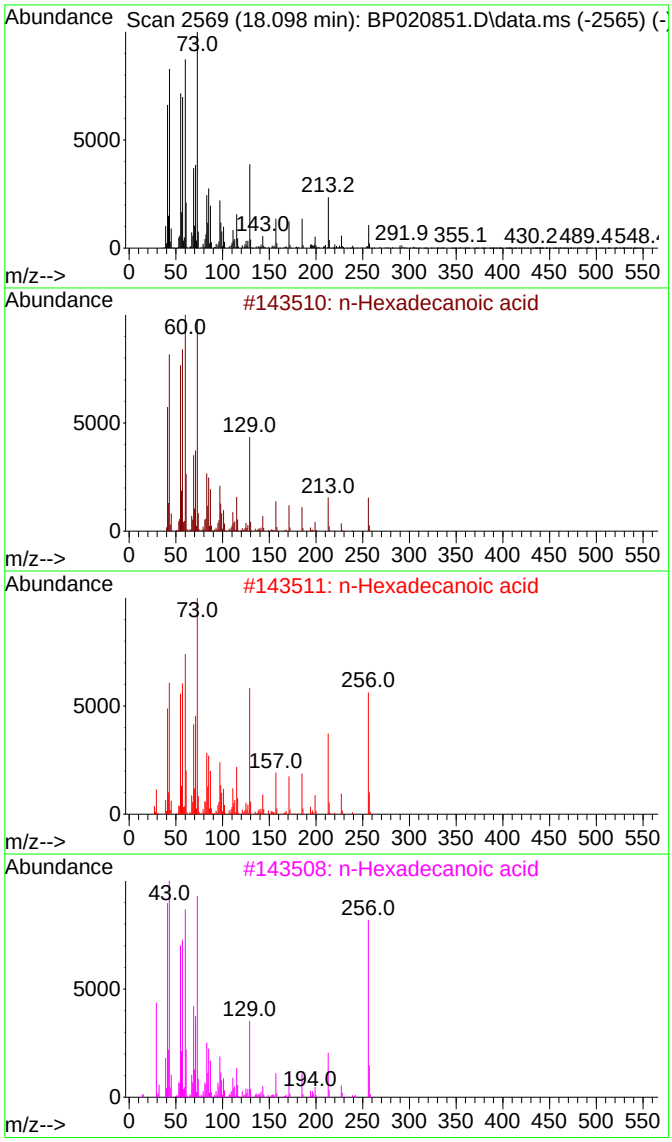
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

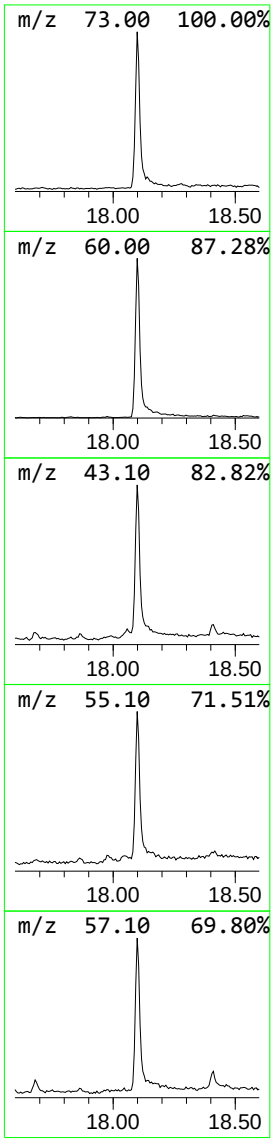
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	7.57 ng/ul	1107360	Phenanthrene-d10	17.169

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\BP070824\
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Acq On : 09 Jul 2024 04:44
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Sample : P3035-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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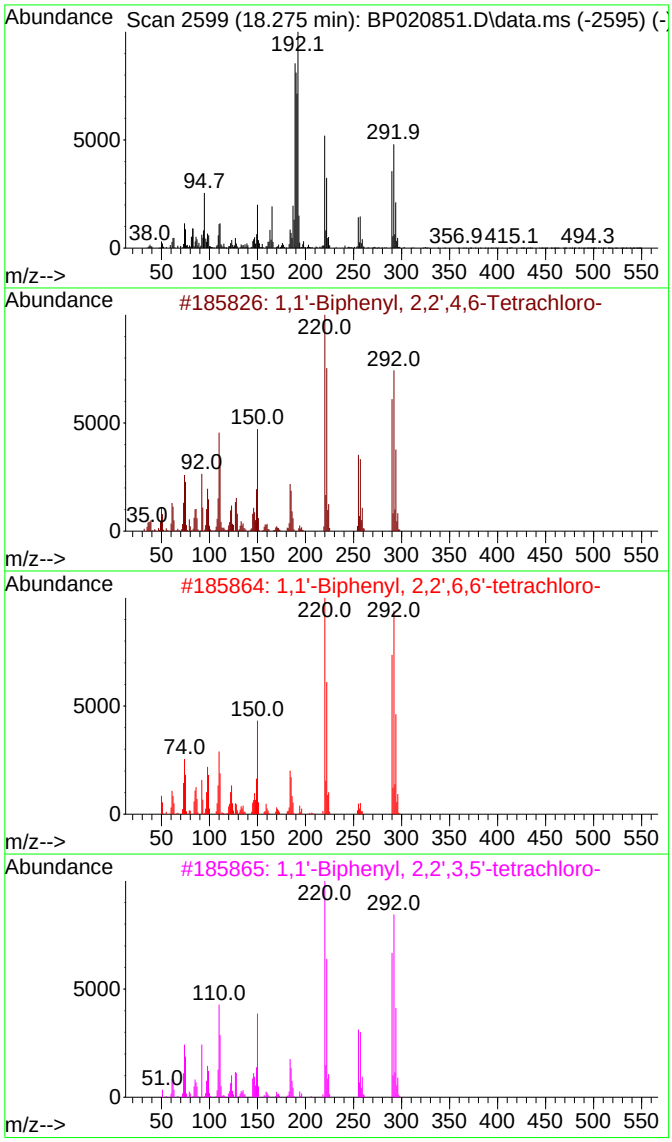
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

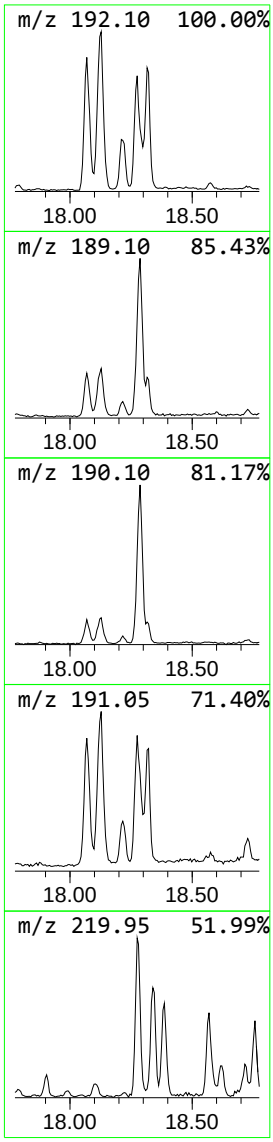
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,1'-Biphenyl, 2,2',4,6-Tet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.275	3.41 ng/ul	498656	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	93
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	93
3	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	93
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	90
5	1,1'-Biphenyl, 2,2',3,5-Tetrachl...	290	C12H6Cl4	070362-46-8	64





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ClientSampleId :
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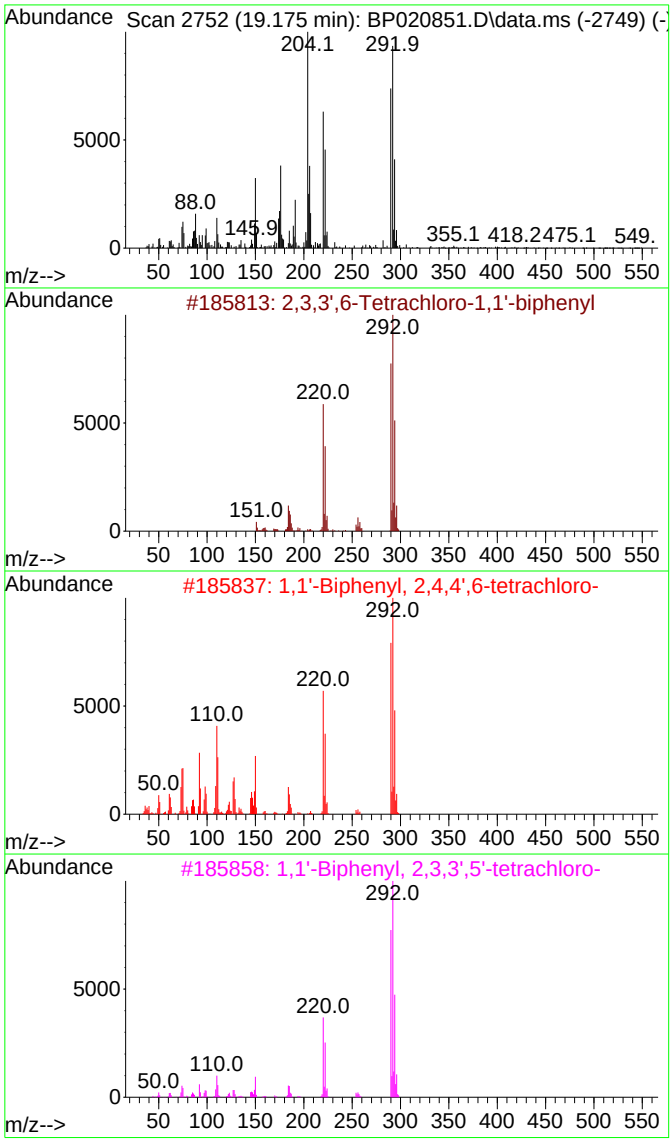
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

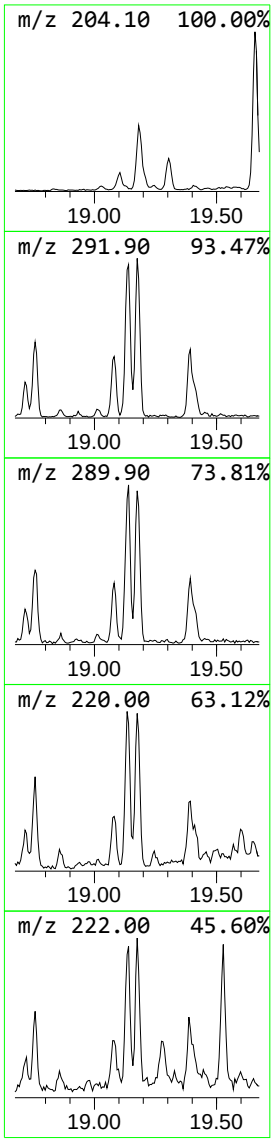
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.175	2.03 ng/ul	297361	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	70
2	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	70
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	66
4	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	62
5	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	60





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ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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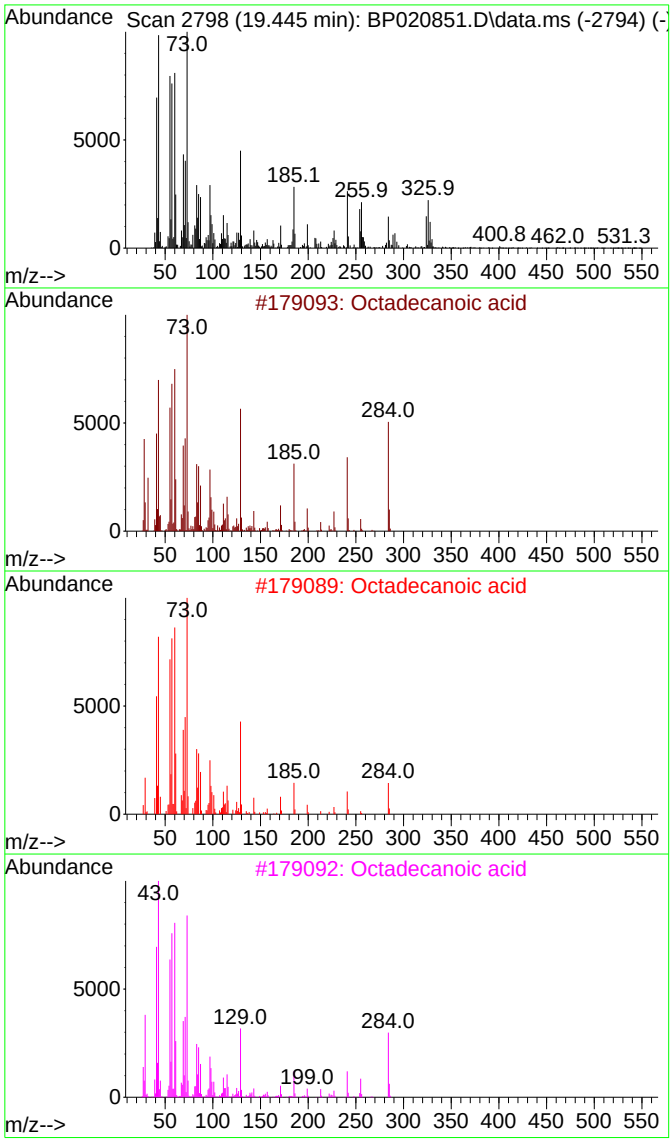
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

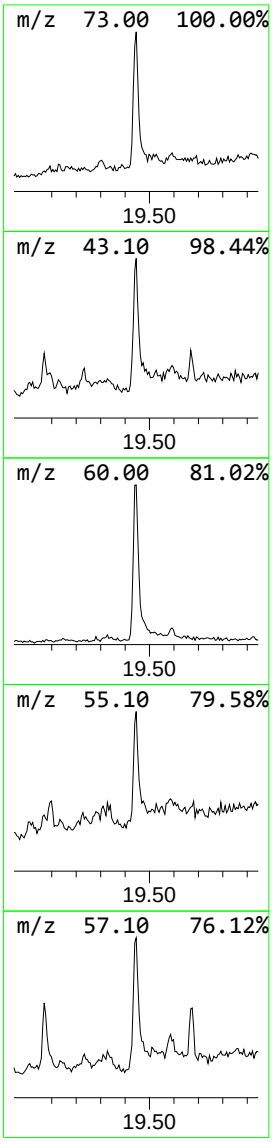
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	2.24 ng/ul	504017	Chrysene-d12	21.622

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	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	92
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87





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Data File : BP020851.D
Acq On : 09 Jul 2024 04:44
Operator : MA/JU
Sample : P3035-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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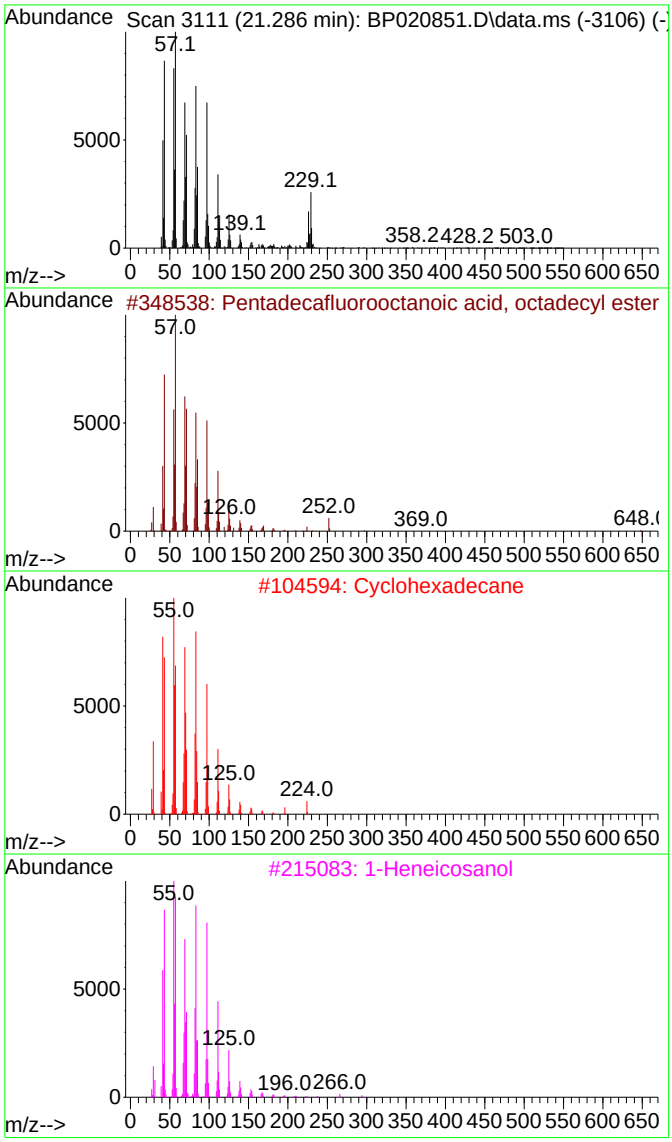
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

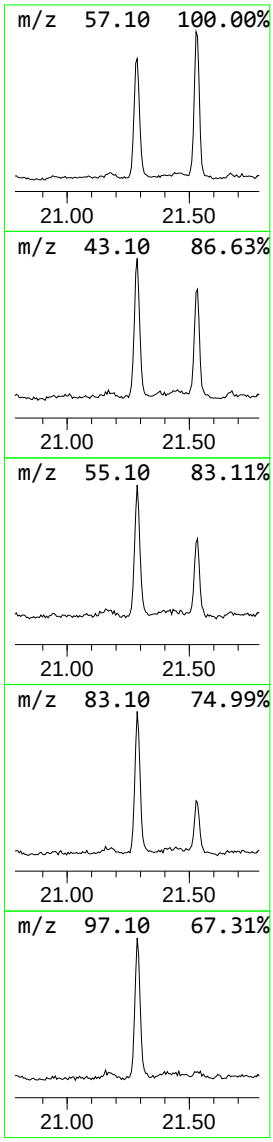
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentadecafluorooctanoic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.286	5.99 ng/ul	1348010	Chrysene-d12	21.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	1-Hexacosene	364	C26H52	018835-33-1	91





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Data File : BP020851.D
Acq On : 09 Jul 2024 04:44
Operator : MA/JU
Sample : P3035-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CY1

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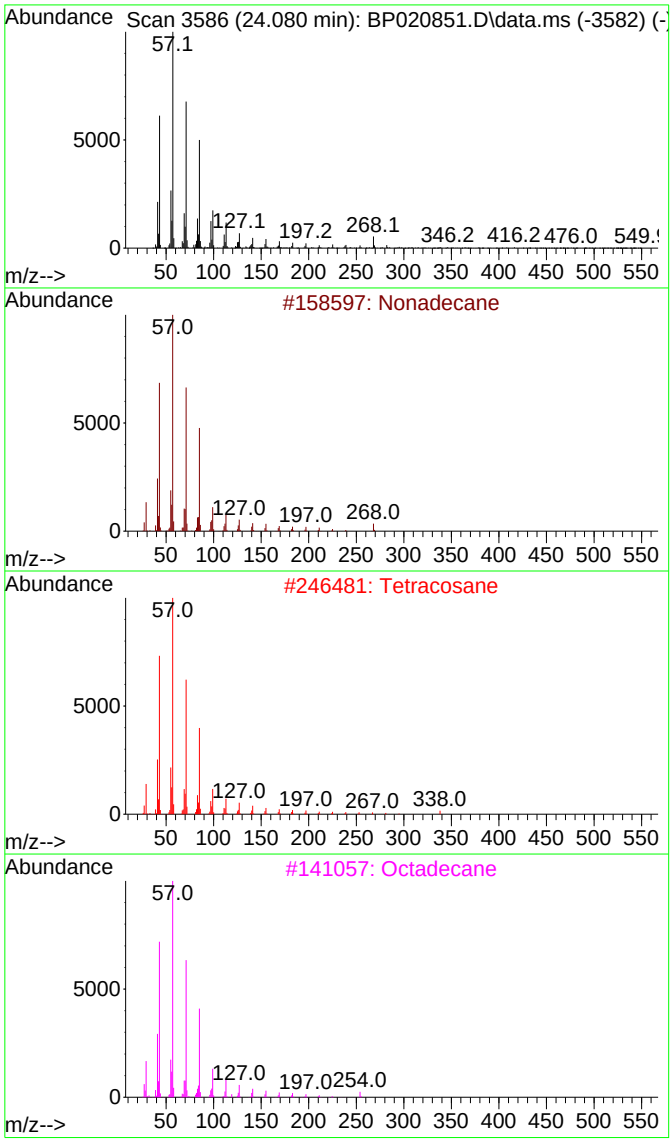
Quant Title : SVOA CALIBRATION

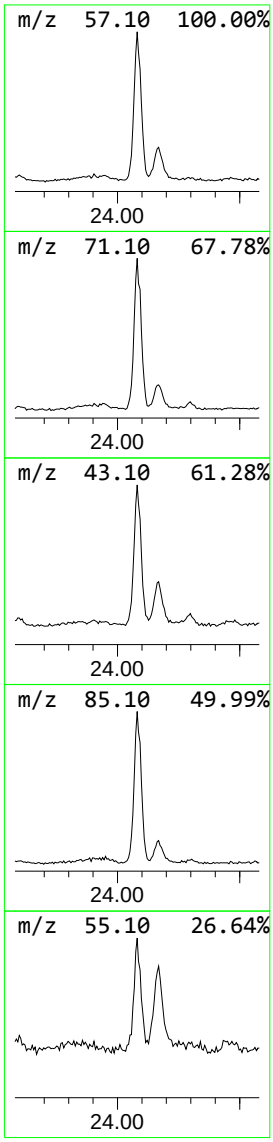
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.080	7.34 ng/ul	1103070	Perylene-d12	24.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	98
2	Tetracosane	338	C24H50	000646-31-1	95
3	Octadecane	254	C18H38	000593-45-3	95
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93





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Data File : BP020851.D
Acq On : 09 Jul 2024 04:44
Operator : MA/JU
Sample : P3035-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CY1

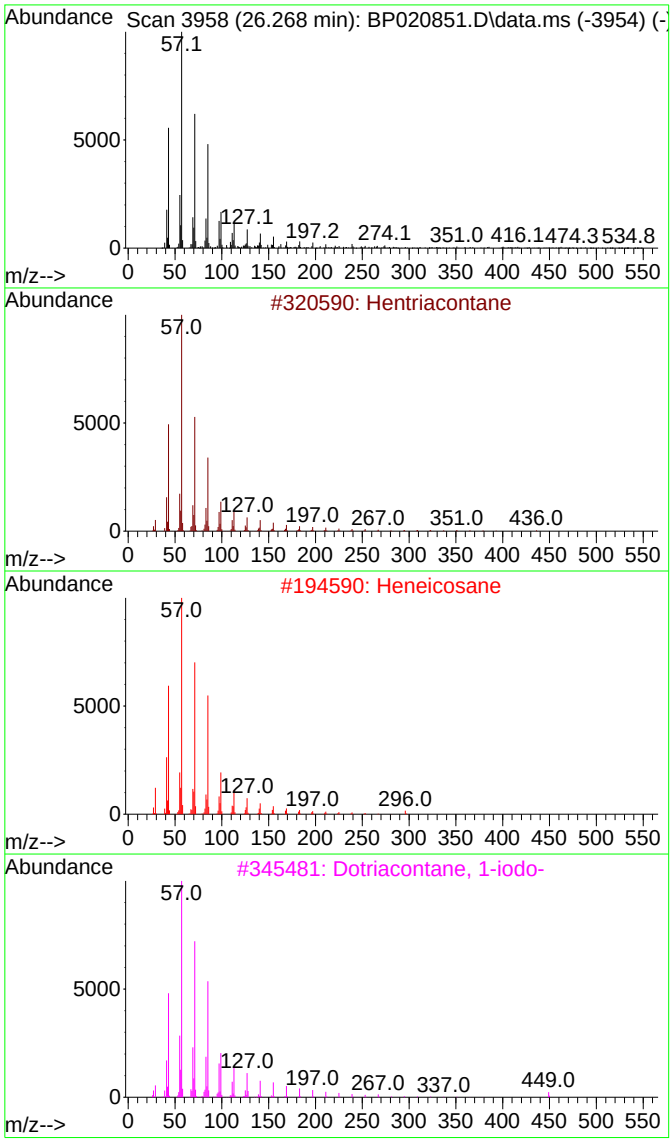
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

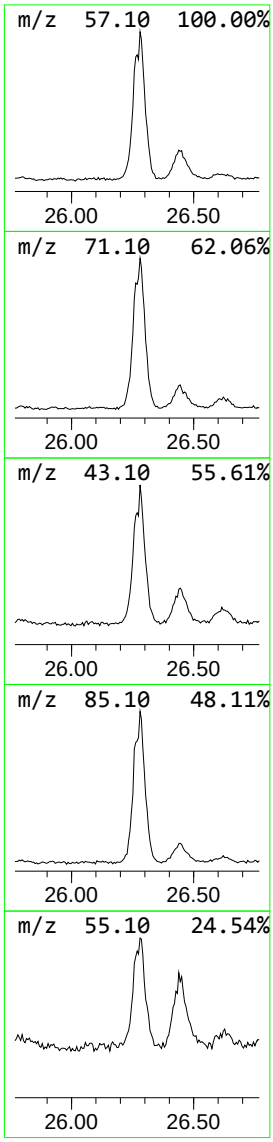
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.268	2.50 ng/ul	375177	Perylene-d12	24.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	90
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020851.D
Acq On : 09 Jul 2024 04:44
Operator : MA/JU
Sample : P3035-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CY1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.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 ...	18.098	7.6	ng/ul	1107360	4	17.169	2923760	20.0
1,1'-Biphenyl, ...	18.275	3.4	ng/ul	498656	4	17.169	2923760	20.0
2,3,3',6-Tetrac...	19.175	2.0	ng/ul	297361	4	17.169	2923760	20.0
Octadecanoic acid	19.445	2.2	ng/ul	504017	5	21.622	4499350	20.0
Pentadecafluoro...	21.286	6.0	ng/ul	1348010	5	21.622	4499350	20.0
(DEL) Alkane: S...	24.080	7.3	ng/ul	1103070	6	24.974	3006570	20.0
(DEL) Alkane: S...	26.268	2.5	ng/ul	375177	6	24.974	3006570	20.0