LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018679.D
Acq On : 07 Dec 2023 18:35
Operator : MA/JU
Sample : 05459-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AH9

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-BP120123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018679.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	26	30	36	rVB	61733	80128	1.10%	0.112%
2	3.681	97	101	114	rBV	721574	1014678	13.88%	1.424%
3	4.011	154	157	162	rVB	17550	22298	0.30%	0.031%
4	6.522	580	584	589	rVB3	15323	23190	0.32%	0.033%
5	6.834	633	637	640	rBV3	5784	9168	0.13%	0.013%
6	7.011	661	667	680	rBV	937168	1500740	20.53%	2.106%
7	7.181	690	696	704	rVB	806303	1232318	16.86%	1.729%
8	7.281	711	713	720	rVB4	8420	14115	0.19%	0.020%
9	7.375	723	729	737	rVV	921963	1430613	19.57%	2.008%
10	7.452	738	742	755	rVB2	24749	55718	0.76%	0.078%
11	7.634	768	773	774	rBV	11054	12457	0.17%	0.017%
12	7.846	802	809	816	rVV	1163987	1837678	25.14%	2.579%
13	7.911	818	820	824	rVB4	8526	10242	0.14%	0.014%
14	8.558	923	930	947	rVB	1207048	1919342	26.25%	2.693%
15	9.005	999	1006	1014	rBV	901952	1438685	19.68%	2.019%
16	9.169	1032	1034	1039	rVB5	10940	15940	0.22%	0.022%
17	9.728	1122	1129	1136	rBV	604948	991203	13.56%	1.391%
18	10.263	1211	1220	1228	rBV	935858	1516433	20.74%	2.128%
19	10.640	1276	1284	1291	rBV	1274591	2119428	28.99%	2.974%
20	10.781	1297	1308	1317	rBV	964440	1593784	21.80%	2.237%
21	11.169	1369	1374	1379	rBV3	5583	11442	0.16%	0.016%
22	12.140	1534	1539	1545	rVV4	11894	20657	0.28%	0.029%
23	12.228	1548	1554	1560	rVV2	30746	56539	0.77%	0.079%
24	12.304	1560	1567	1571	rVB2	13351	24054	0.33%	0.034%
25	12.516	1598	1603	1611	rBV4	8212	16583	0.23%	0.023%
26	13.310	1734	1738	1741	rVB5	6719	8181	0.11%	0.011%
27	13.381	1743	1750	1757	rBV2	56870	96314	1.32%	0.135%
28	13.446	1757	1761	1765	rBV3	6932	11139	0.15%	0.016%
29	13.657	1788	1797	1800	rBV3	15671	45298	0.62%	0.064%
30	13.693	1801	1803	1807	rVV3	4986	9340	0.13%	0.013%
31	13.798	1818	1821	1827	rVB4	9245	13731	0.19%	0.019%
32	13.893	1830	1837	1844	rVB	2143350	2865348	39.19%	4.021%
33	14.169	1877	1884	1892	rBV	2389952	3524244	48.21%	4.946%
34	14.475	1929	1936	1944	rVB	2396984	3453436	47.24%	4.846%
35	14.681	1965	1971	1977	rBV2	69581	131352	1.80%	0.184%
36	14.892	2002	2007	2012	rVB4	17324	32960	0.45%	0.046%

LSC Area Percent Report

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Acq On : 07 Dec 2023 18:35
Operator : MA/JU
Sample : 05459-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AH9

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-BP120123.MA.M
Title : SVOA CALIBRATION

37	15.328	2079	2081	2085	rVB4	7185	8177	0.11%	0.011%
38	15.387	2089	2091	2094	rVB4	12697	13290	0.18%	0.019%
39	15.469	2098	2105	2116	rBV	3184171	4584635	62.71%	6.434%
40	15.587	2120	2125	2133	rVB2	59509	96432	1.32%	0.135%
41	15.704	2142	2145	2150	rVB2	13115	19095	0.26%	0.027%
42	15.916	2178	2181	2184	rBV2	9019	15219	0.21%	0.021%
43	16.039	2200	2202	2208	rVB6	9068	12985	0.18%	0.018%
44	16.992	2361	2364	2369	rVB4	11106	19103	0.26%	0.027%
45	17.222	2397	2403	2410	rBV	3188312	4422570	60.49%	6.206%
46	17.322	2414	2420	2432	rVV	3666161	5075689	69.43%	7.123%
47	17.728	2487	2489	2493	rBV5	8430	9286	0.13%	0.013%
48	18.116	2550	2555	2564	rBV	416285	564430	7.72%	0.792%
49	18.528	2623	2625	2630	rVB5	15786	16758	0.23%	0.024%
50	19.133	2726	2728	2732	rVB3	62237	72756	1.00%	0.102%
51	19.204	2736	2740	2743	rBV	111398	147487	2.02%	0.207%
52	19.345	2760	2764	2774	rBV	184760	282801	3.87%	0.397%
53	19.557	2794	2800	2806	rBV	4950831	6665405	91.17%	9.354%
54	20.092	2888	2891	2895	rVB2	64888	71248	0.97%	0.100%
55	20.575	2970	2973	2977	rVB	90525	93569	1.28%	0.131%
56	21.027	3047	3050	3060	rBV	436573	680413	9.31%	0.955%
57	21.310	3093	3098	3104	rBV	4479268	5563004	76.09%	7.807%
58	21.463	3121	3124	3130	rVB2	130034	146698	2.01%	0.206%
59	21.916	3198	3201	3205	rBV	435125	580893	7.95%	0.815%
60	22.957	3374	3378	3383	rBV	559849	812326	11.11%	1.140%
61	23.021	3385	3389	3400	rVB2	262796	656845	8.98%	0.922%
62	23.527	3468	3475	3482	rBV2	3804264	7310903	100.00%	10.259%
63	23.680	3494	3501	3511	rVB	3145292	6160266	84.26%	8.645%

Sum of corrected areas: 71261059

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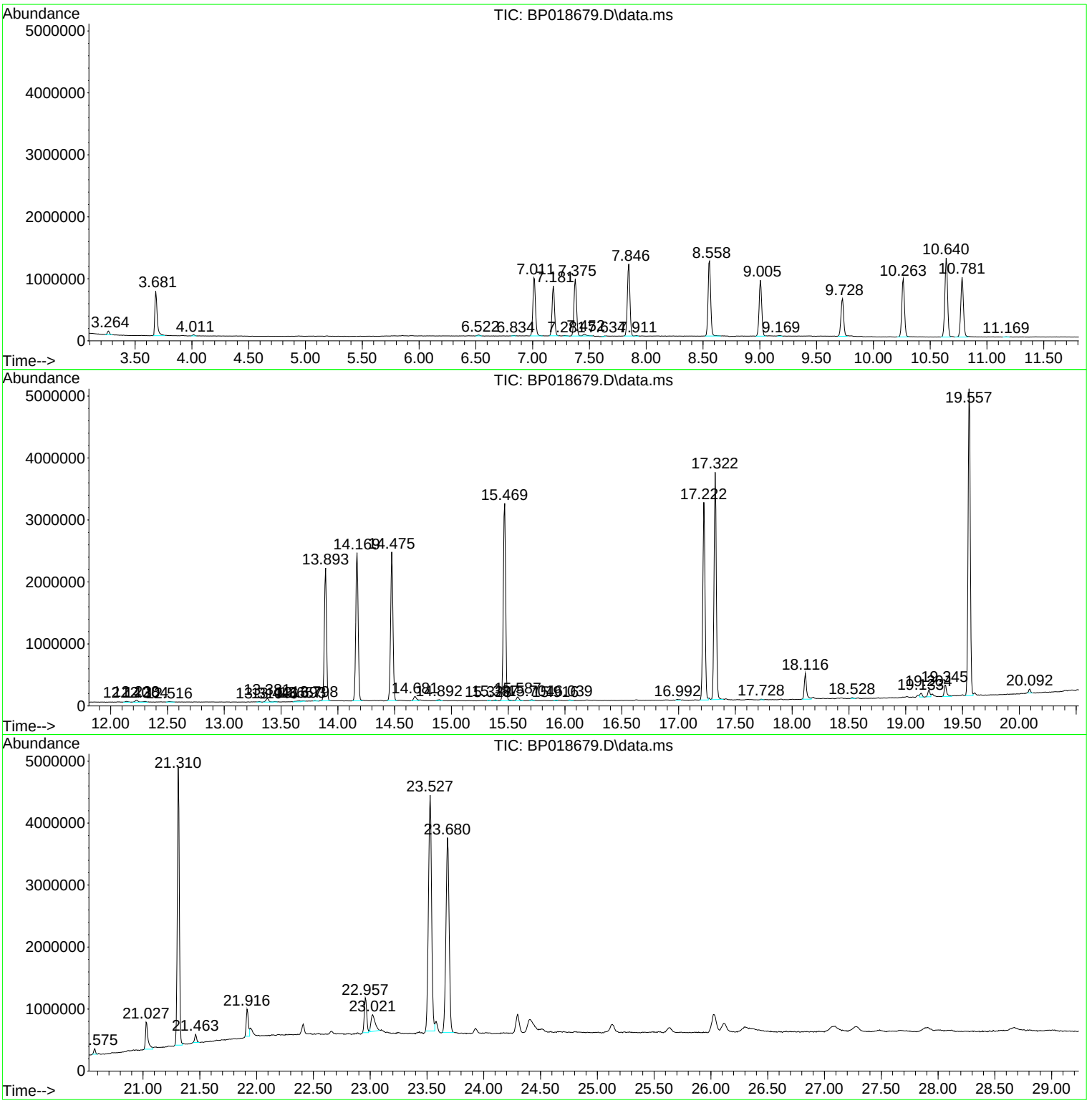
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AH9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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\BP120723\
Data File : BP018679.D
Acq On : 07 Dec 2023 18:35
Operator : MA/JU
Sample : 05459-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AH9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

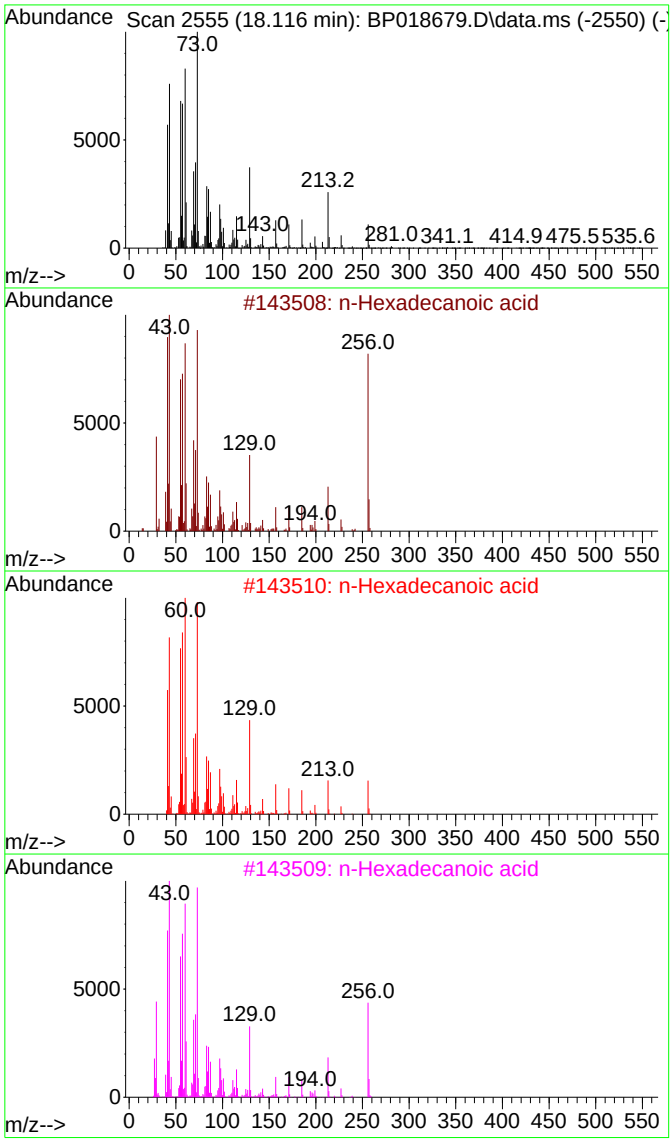
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

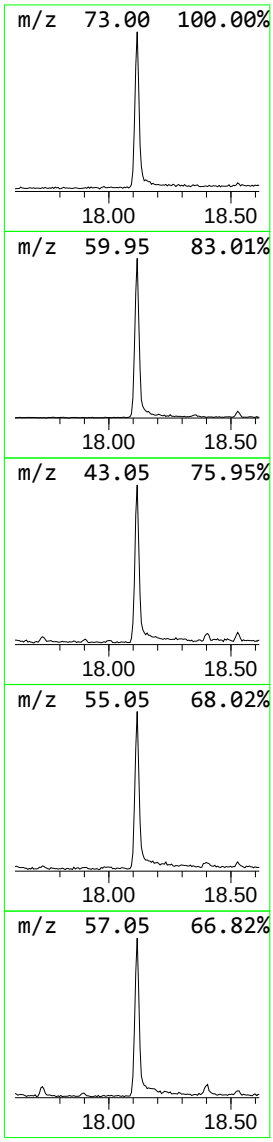
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	2.55 ng/ul	564430	Phenanthrene-d10	17.222

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018679.D
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Operator : MA/JU
Sample : 05459-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AH9

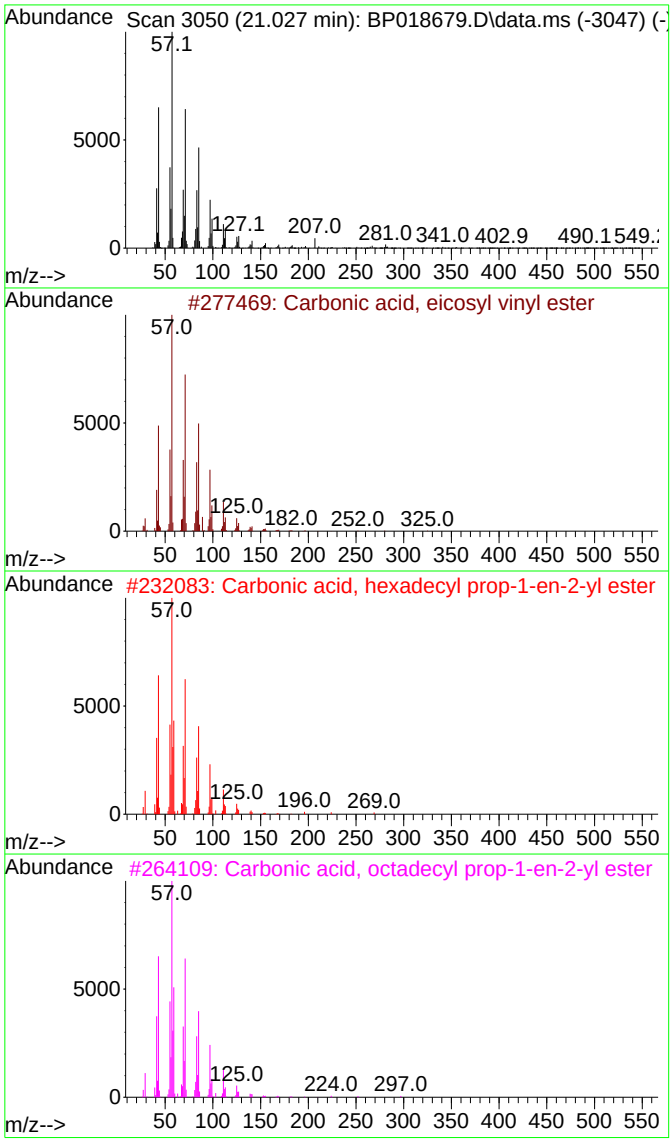
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

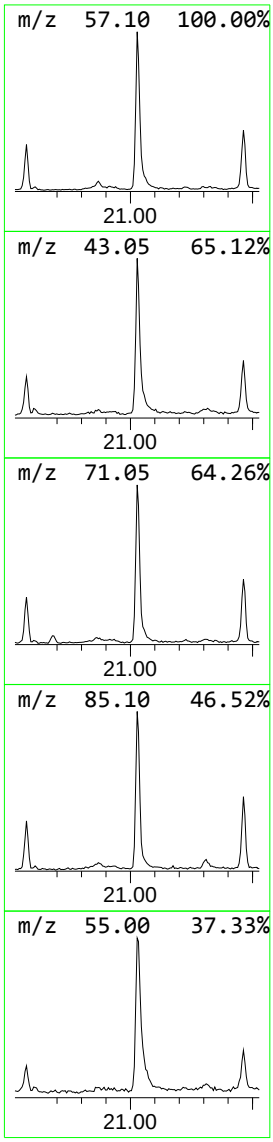
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Carbonic acid, eicosyl viny... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.028	2.45 ng/ul	680413	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	94
2	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	91
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91
4	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	91
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018679.D
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Operator : MA/JU
Sample : 05459-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AH9

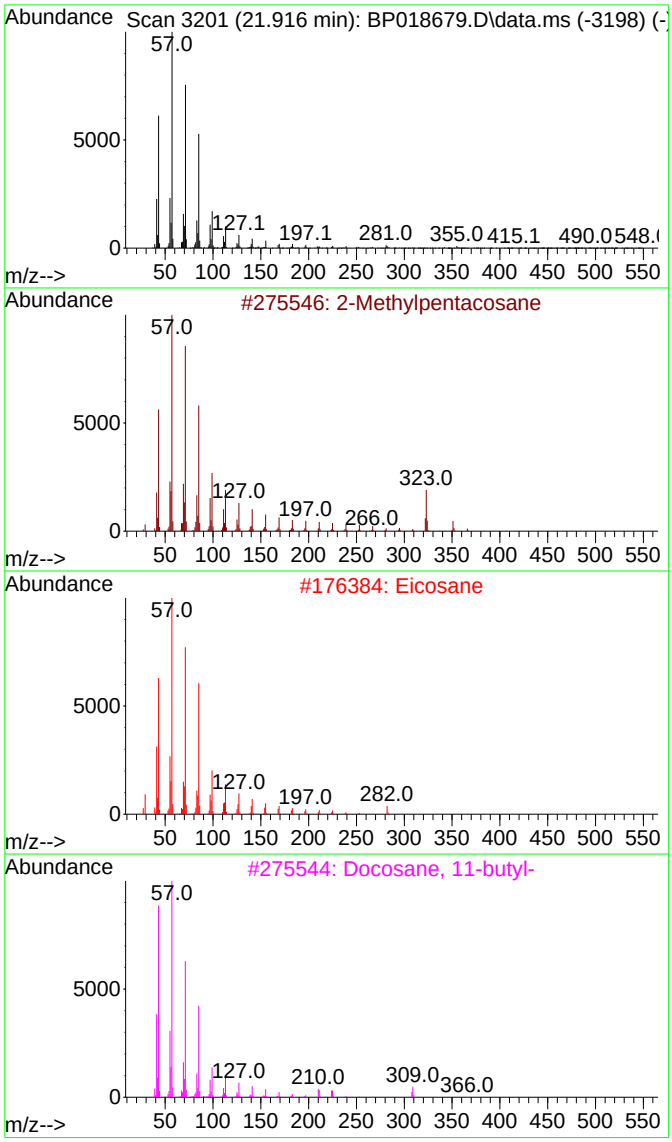
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

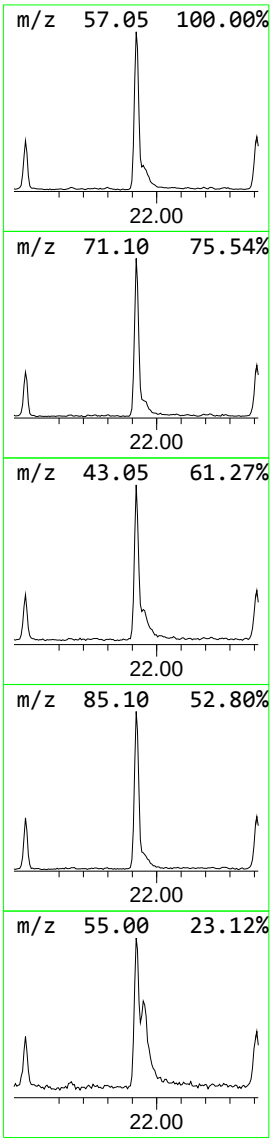
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.916	2.09 ng/ul	580893	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylpentacosane	366	C26H54	000629-87-8	97
2	Eicosane	282	C20H42	000112-95-8	94
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018679.D
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Operator : MA/JU
Sample : 05459-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AH9

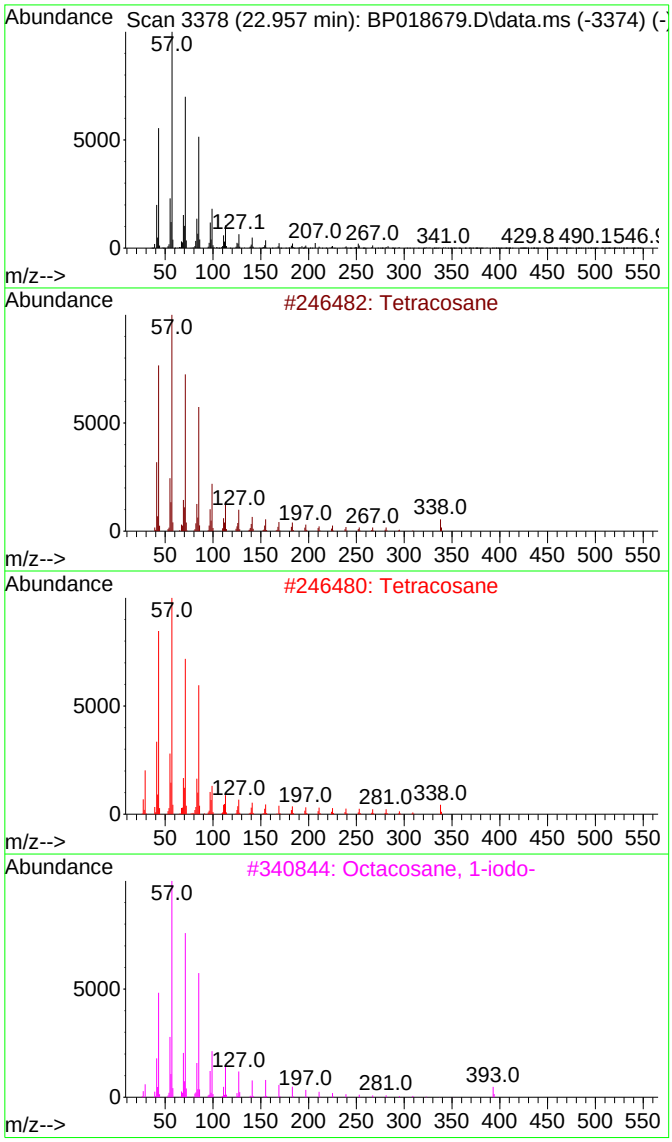
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

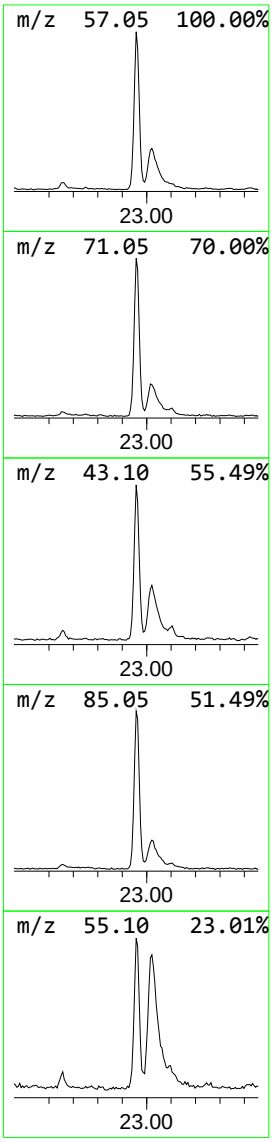
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.957	2.64 ng/ul	812326	Perylene-d12	23.680

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Tetracosane	338	C24H50	000646-31-1	94
3	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Sample : 05459-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AH9

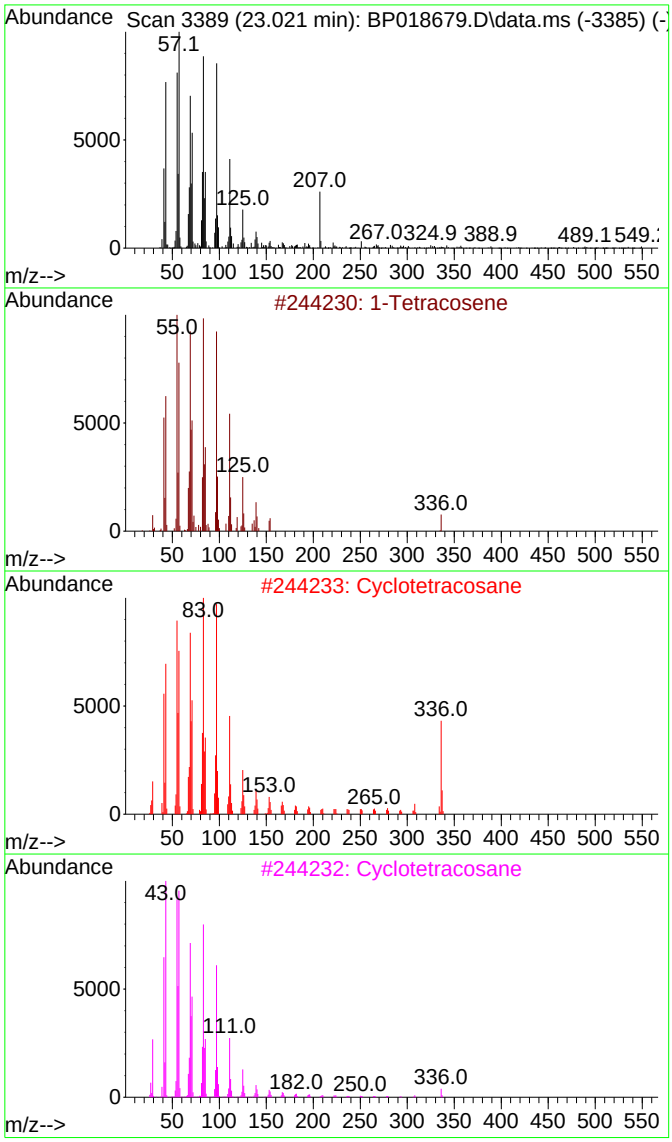
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

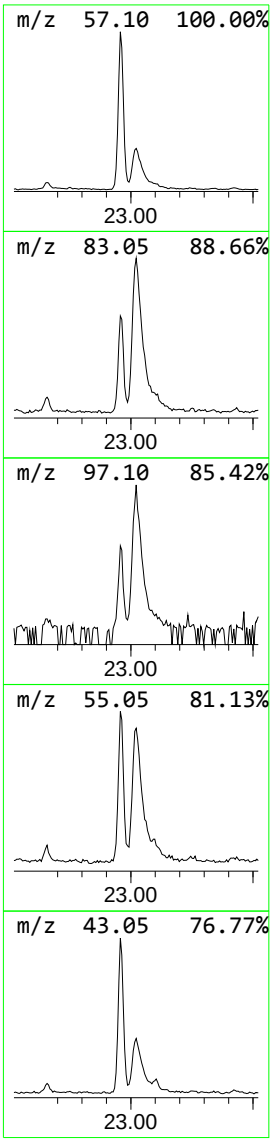
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.022	2.13 ng/ul	656845	Perylene-d12	23.680

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	98
2	Cyclotetracosane	336	C24H48	000297-03-0	93
3	Cyclotetracosane	336	C24H48	000297-03-0	91
4	Octacosanol	410	C28H58O	000557-61-9	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018679.D
Acq On : 07 Dec 2023 18:35
Operator : MA/JU
Sample : 05459-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AH9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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 ...	18.116	2.5	ng/ul	564430	4	17.222	4422570	20.0
Carbonic acid, ...	21.028	2.5	ng/ul	680413	5	21.310	5563000	20.0
(DEL) Alkane: S...	21.916	2.1	ng/ul	580893	5	21.310	5563000	20.0
(DEL) Alkane: S...	22.957	2.6	ng/ul	812326	6	23.680	6160270	20.0
(DEL) Alkane: S...	23.022	2.1	ng/ul	656845	6	23.680	6160270	20.0