LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015771.D
Acq On : 28 Jun 2023 10:26
Operator : MA/JU
Sample : 03101-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZEM0

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-BP062623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015771.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.381	30	33	40	rVB	45074	66652	2.01%	0.138%
2	3.828	106	109	123	rBV	367545	597872	17.99%	1.235%
3	3.934	123	127	133	rVB2	47842	69061	2.08%	0.143%
4	4.052	143	147	153	rVB	31631	48960	1.47%	0.101%
5	4.152	161	164	170	rVB	16159	22723	0.68%	0.047%
6	4.540	228	230	235	rVB5	4427	6342	0.19%	0.013%
7	4.734	261	263	270	rVB7	6364	10498	0.32%	0.022%
8	5.099	320	325	331	rBV3	6293	12285	0.37%	0.025%
9	6.922	628	635	638	rBV9	4796	9204	0.28%	0.019%
10	7.234	682	688	705	rBV	411708	966833	29.10%	1.997%
11	7.387	707	714	730	rVB	457675	813837	24.49%	1.681%
12	7.587	742	748	766	rBV	594025	1095526	32.97%	2.263%
13	7.763	775	778	781	rVB5	3229	4710	0.14%	0.010%
14	8.057	820	828	836	rBV	645470	1196743	36.02%	2.472%
15	8.122	836	839	860	rVV	51886	182394	5.49%	0.377%
16	8.251	860	861	870	rVV8	5108	10726	0.32%	0.022%
17	8.793	945	953	972	rBV	437613	1016591	30.60%	2.100%
18	9.245	1023	1030	1056	rBV	453077	998280	30.05%	2.062%
19	9.410	1056	1058	1064	rVB7	2661	5087	0.15%	0.011%
20	9.598	1086	1090	1096	rVV5	9525	15101	0.45%	0.031%
21	9.975	1144	1154	1169	rBV	353552	815320	24.54%	1.684%
22	10.492	1237	1242	1243	rBV5	2489	3394	0.10%	0.007%
23	10.539	1243	1250	1282	rBV	323658	1133600	34.12%	2.342%
24	10.887	1302	1309	1325	rBV	784638	1504370	45.28%	3.108%
25	11.063	1330	1339	1364	rBV	256939	919836	27.68%	1.900%
26	11.398	1391	1396	1400	rBV8	3616	6517	0.20%	0.013%
27	11.522	1415	1417	1421	rBV5	2602	3420	0.10%	0.007%
28	11.804	1462	1465	1471	rVB8	2120	4163	0.13%	0.009%
29	12.104	1510	1516	1517	rBV6	3907	4868	0.15%	0.010%
30	12.516	1578	1586	1591	rBV10	6577	14825	0.45%	0.031%
31	12.575	1591	1596	1599	rVV6	6291	9458	0.28%	0.020%
32	13.128	1689	1690	1694	rBV4	2805	3497	0.11%	0.007%
33	13.316	1718	1722	1726	rVB6	4661	6882	0.21%	0.014%
34	13.510	1749	1755	1760	rBV9	5229	11842	0.36%	0.024%
35	13.586	1763	1768	1775	rVV3	18967	32722	0.98%	0.068%
36	14.122	1852	1859	1872	rVV	904117	1495492	45.01%	3.089%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015771.D
Acq On : 28 Jun 2023 10:26
Operator : MA/JU
Sample : 03101-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZEM0

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-BP062623.MA.M
Title : SVOA CALIBRATION

37	14.410	1896	1908	1926	rBV	1100342	1875410	56.44%	3.874%
38	14.575	1933	1936	1942	rVB8	5022	8136	0.24%	0.017%
39	14.710	1952	1959	1967	rBV	1079287	1649347	49.64%	3.407%
40	14.775	1967	1970	1978	rVB2	27911	45850	1.38%	0.095%
41	14.992	2001	2007	2026	rBV3	75657	345430	10.40%	0.714%
42	15.127	2027	2030	2035	rVB4	14486	23345	0.70%	0.048%
43	15.480	2084	2090	2103	rBV	2533381	3322599	100.00%	6.864%
44	15.710	2122	2129	2137	rBV	1218075	2121318	63.85%	4.382%
45	15.874	2151	2157	2176	rBV2	158003	402910	12.13%	0.832%
46	16.074	2185	2191	2207	rBV	344472	597242	17.98%	1.234%
47	16.639	2283	2287	2290	rVB3	12352	15791	0.48%	0.033%
48	16.857	2322	2324	2328	rBV5	8440	13307	0.40%	0.027%
49	16.998	2345	2348	2352	rBV6	10349	14404	0.43%	0.030%
50	17.151	2371	2374	2379	rVB3	12279	18878	0.57%	0.039%
51	17.292	2394	2398	2404	rVB2	37160	50420	1.52%	0.104%
52	17.469	2422	2428	2432	rBV	1180056	1756012	52.85%	3.627%
53	17.510	2432	2435	2441	rVV	911331	1348959	40.60%	2.787%
54	17.574	2441	2446	2462	rVB	1224800	2249275	67.70%	4.646%
55	17.898	2496	2501	2511	rBV	76642	149388	4.50%	0.309%
56	18.321	2569	2573	2580	rBV2	422473	689300	20.75%	1.424%
57	18.386	2581	2584	2591	rVB	84583	153688	4.63%	0.317%
58	18.527	2603	2608	2612	rBV2	130871	207124	6.23%	0.428%
59	18.810	2654	2656	2663	rBV2	48017	71563	2.15%	0.148%
60	18.874	2663	2667	2672	rBV	90228	139262	4.19%	0.288%
61	19.474	2764	2769	2777	rVB	1650872	2242895	67.50%	4.633%
62	19.551	2778	2782	2794	rVV3	156520	276969	8.34%	0.572%
63	19.798	2819	2824	2827	rBV	2090721	3147329	94.72%	6.502%
64	19.827	2827	2829	2837	rVB	1274424	1455558	43.81%	3.007%
65	21.557	3117	3123	3127	rBV2	1561283	2602054	78.31%	5.375%
66	21.598	3128	3130	3135	rVB	482446	544932	16.40%	1.126%
67	22.145	3219	3223	3229	rVB2	570015	777757	23.41%	1.607%
68	23.251	3406	3411	3417	rVB	928703	1519563	45.73%	3.139%
69	23.327	3420	3424	3429	rVV	288271	576226	17.34%	1.190%
70	23.933	3521	3527	3534	rBV2	1246792	2735387	82.33%	5.651%
71	24.103	3550	3556	3563	rBV	961655	2141846	64.46%	4.424%

Sum of corrected areas: 48409105

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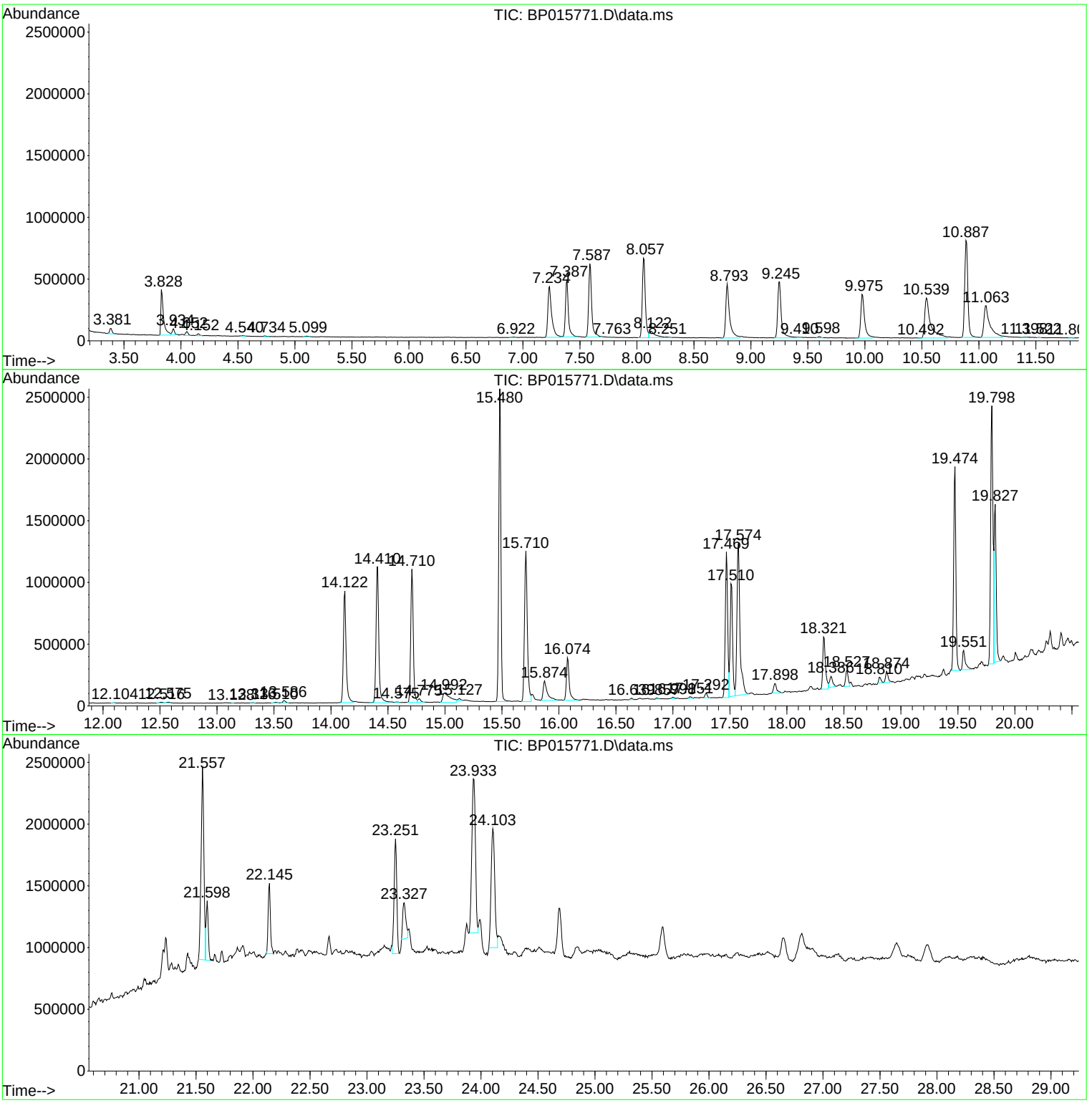
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZEM0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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



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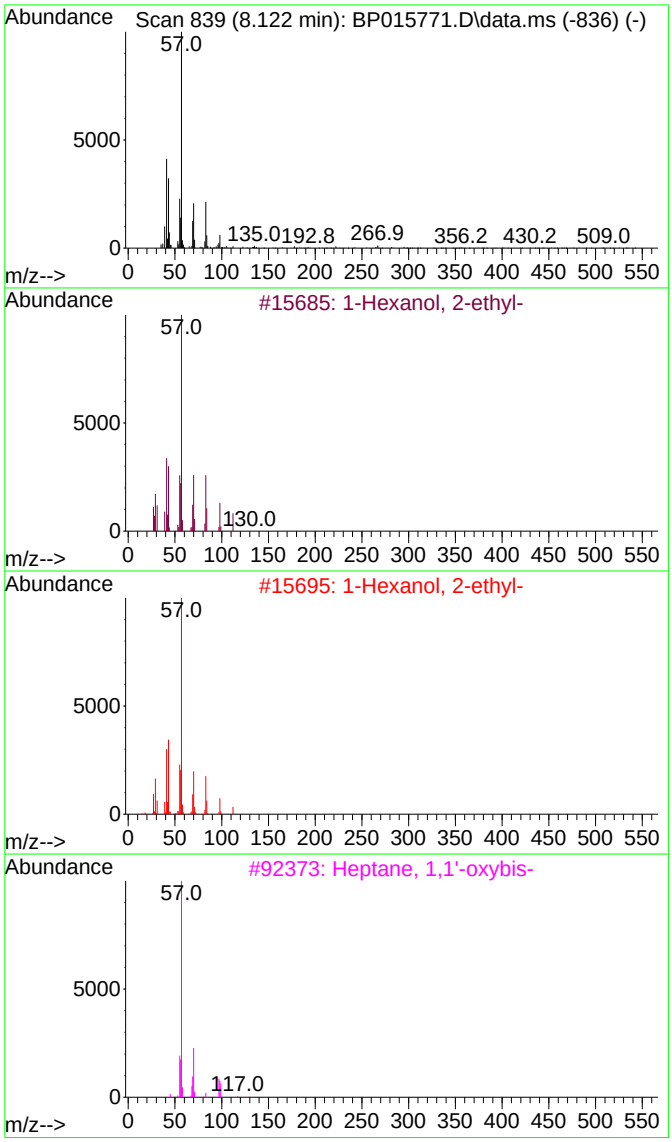
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

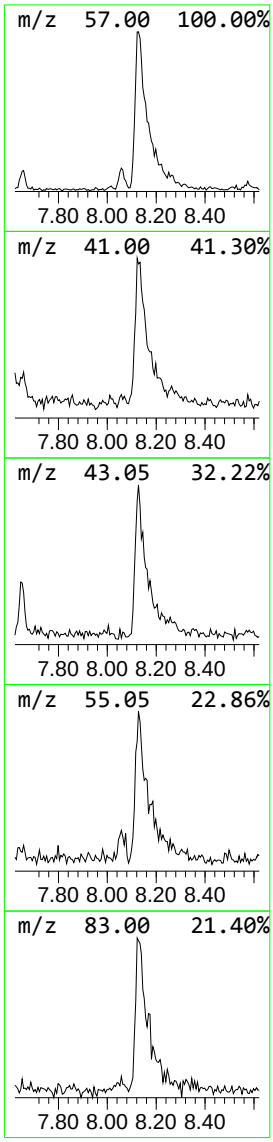
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.122	3.05 ng/ul	182394	1,4-Dichlorobenzene-d4	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
4	2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	959012-82-9	50
5	Pentadecafluorooctanoic acid, 2-...	526	C16H17F15O2	1000406-80-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015771.D
Acq On : 28 Jun 2023 10:26
Operator : MA/JU
Sample : 03101-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZEM0

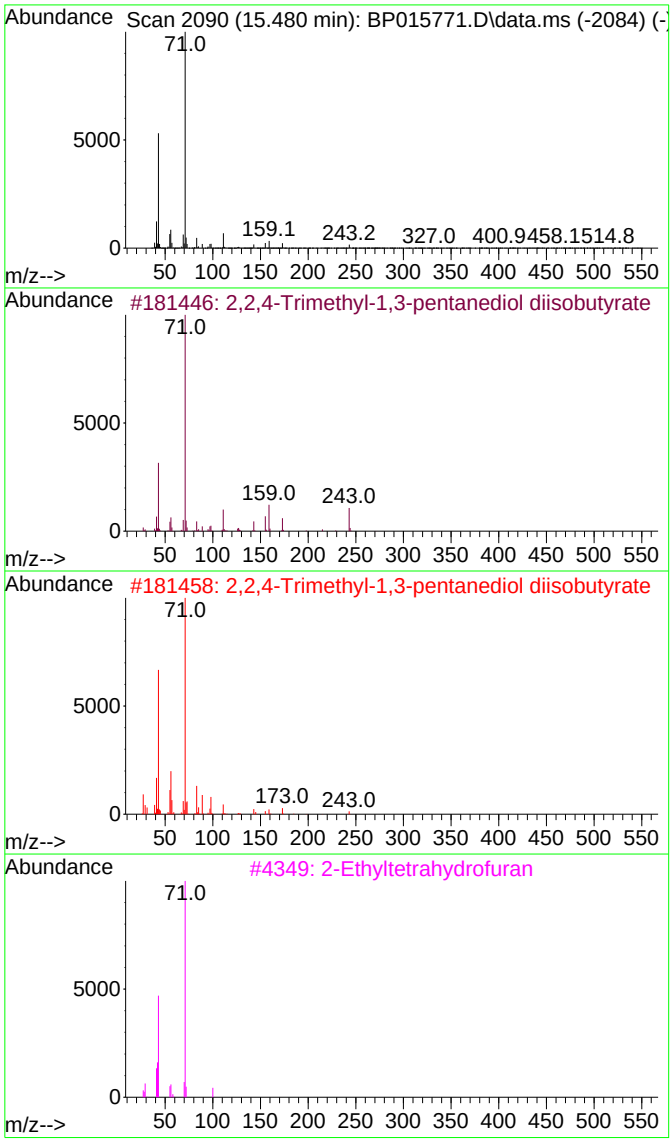
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

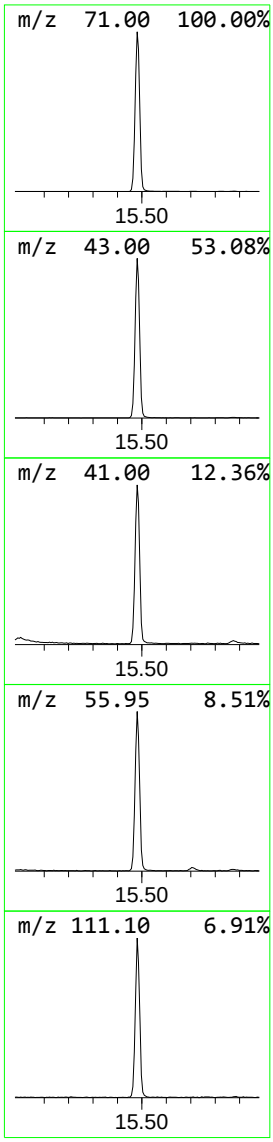
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.480	40.29 ng/ul	3322600	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	83
2	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	78
3	2-Ethyltetrahydrofuran	100	C6H12O	1010431-64-0	64
4	2-Furanmethanol, tetrahydro-, ac...	144	C7H12O3	000637-64-9	50
5	2,2'-Bifuran, octahydro-	142	C8H14O2	001592-33-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015771.D
Acq On : 28 Jun 2023 10:26
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Sample : 03101-07
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZEM0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

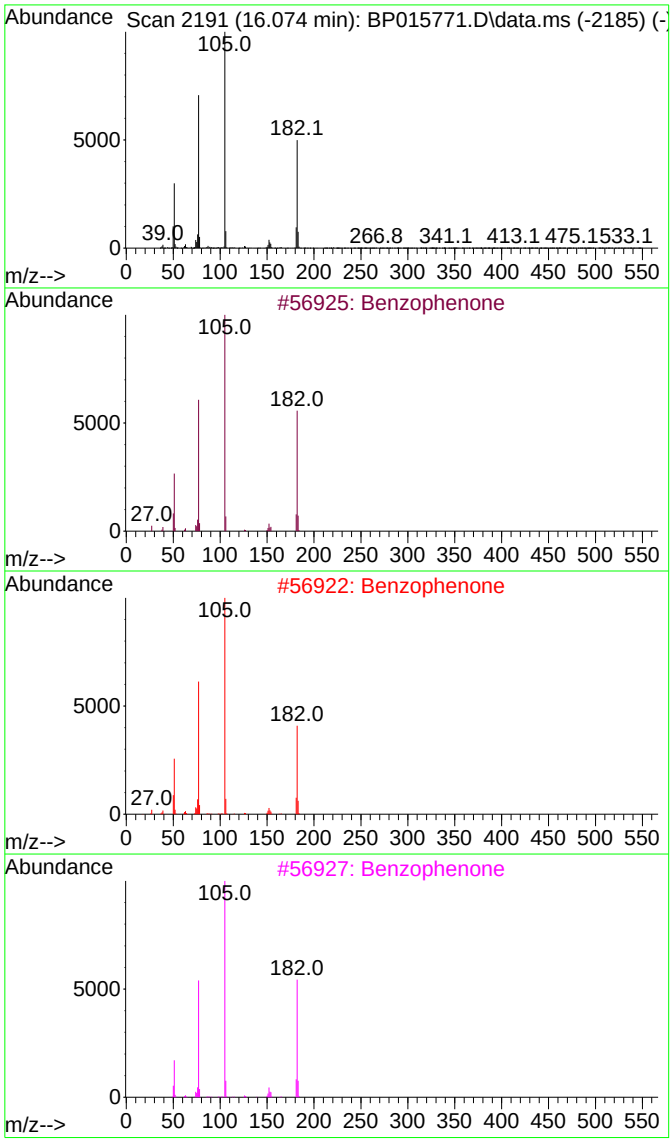
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

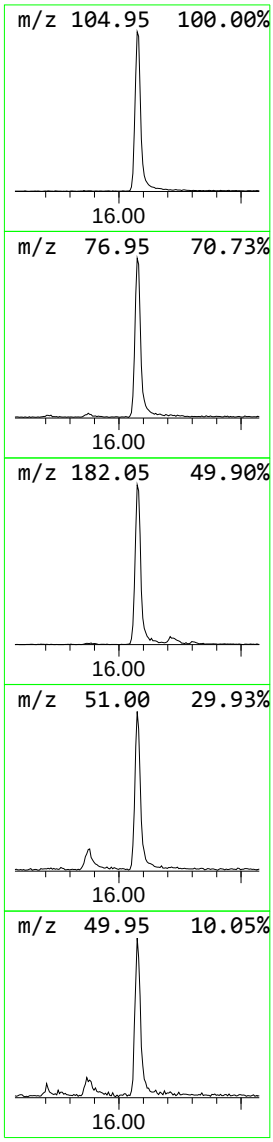
****

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.075	7.24 ng/ul	597242	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015771.D
Acq On : 28 Jun 2023 10:26
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZEM0

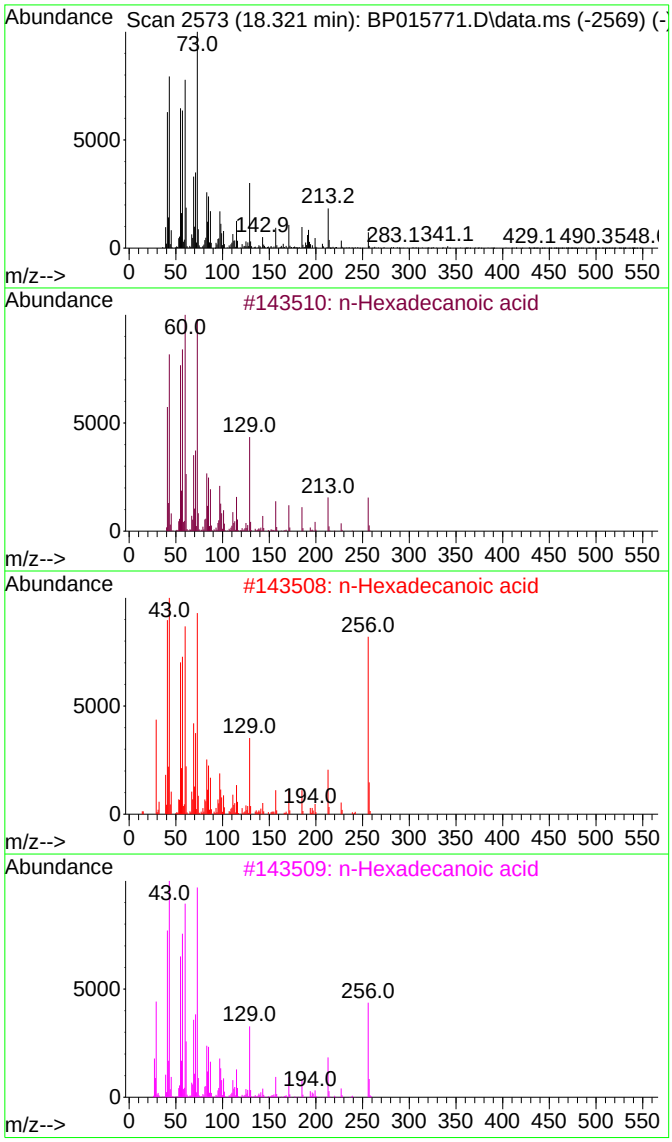
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

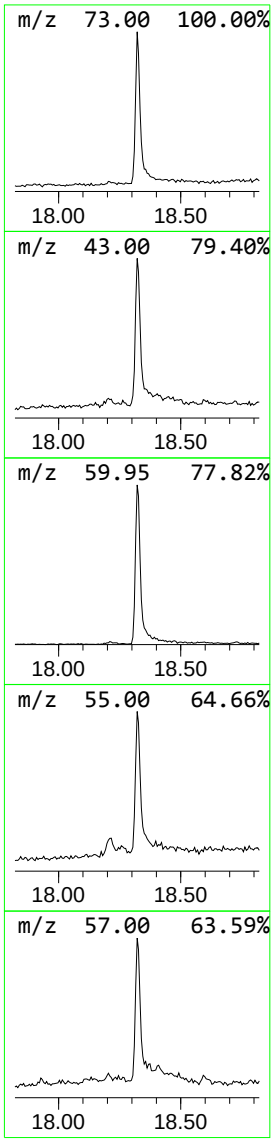
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.321	7.85 ng/ul	689300	Phenanthrene-d10	17.468

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	97
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





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Operator : MA/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZEM0

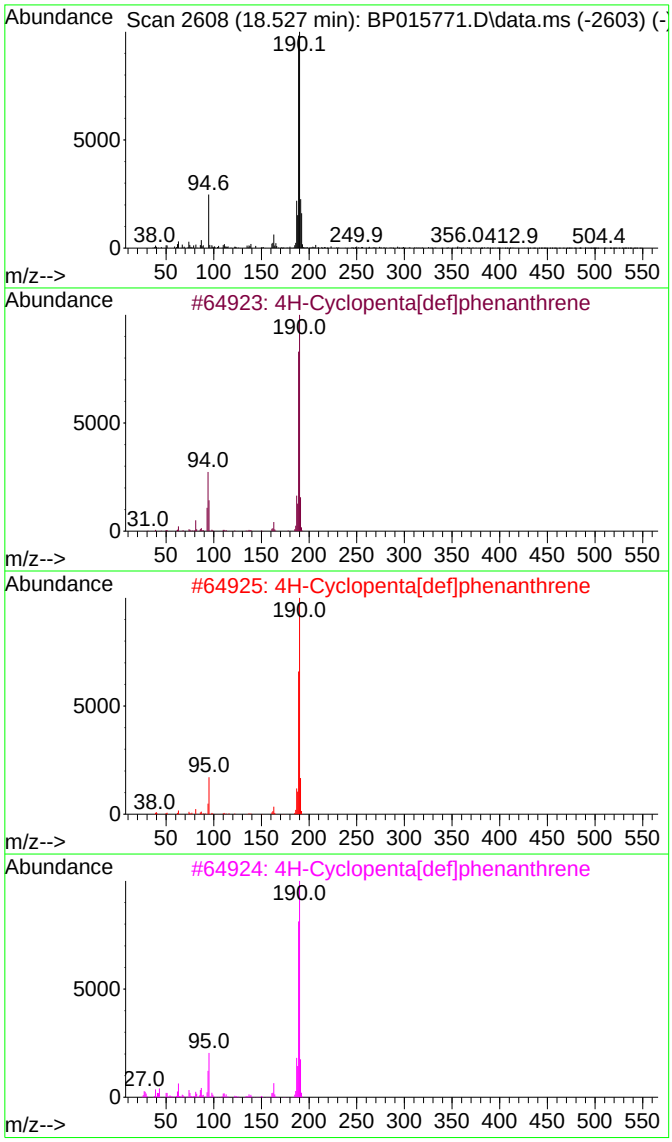
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

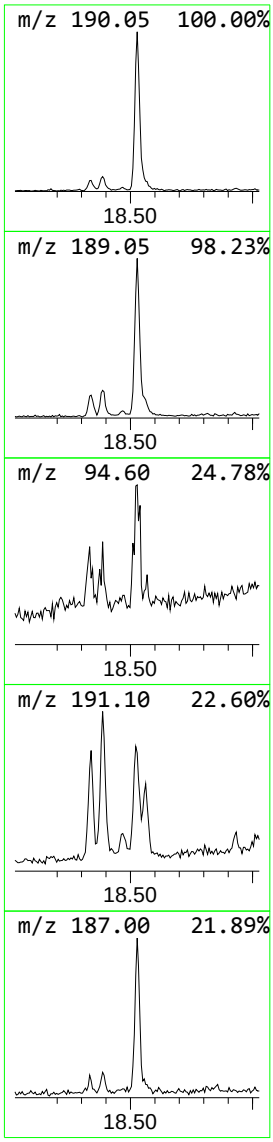
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.527	2.36 ng/ul	207124	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
5	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59





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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZEM0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

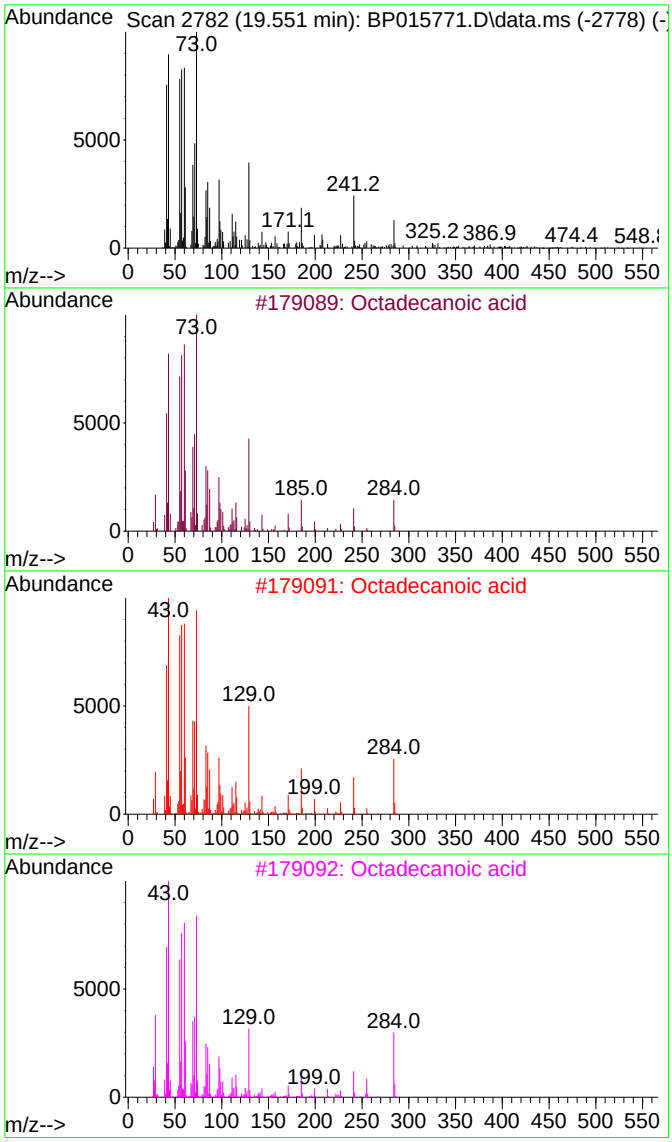
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

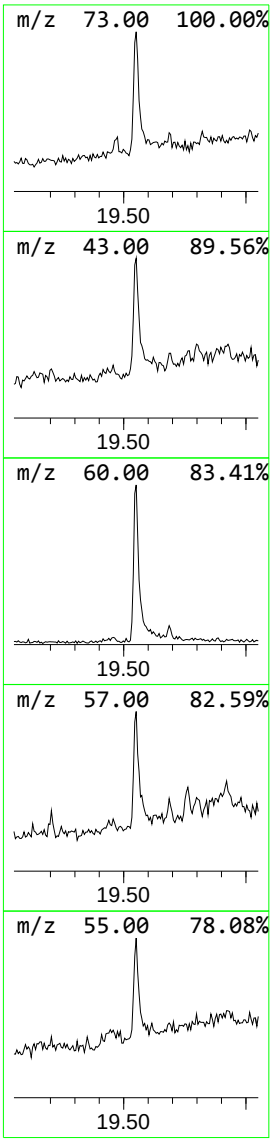
****

Peak Number 6 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.551	2.13 ng/ul	276969	Chrysene-d12	21.557

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	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015771.D
Acq On : 28 Jun 2023 10:26
Operator : MA/JU
Sample : 03101-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZEM0

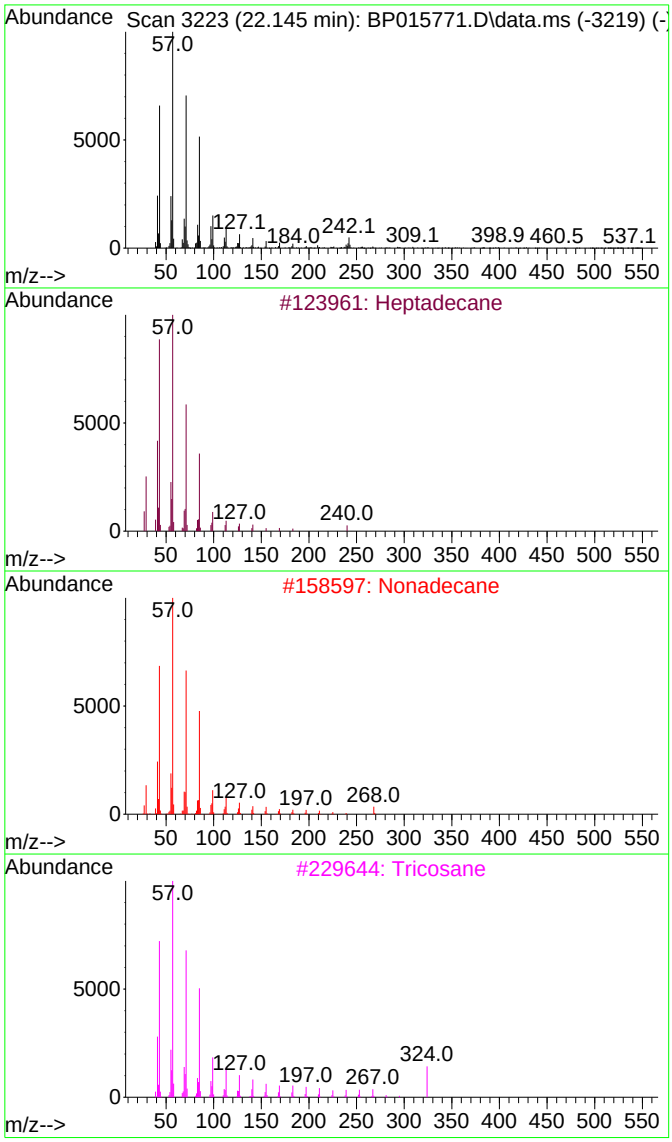
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

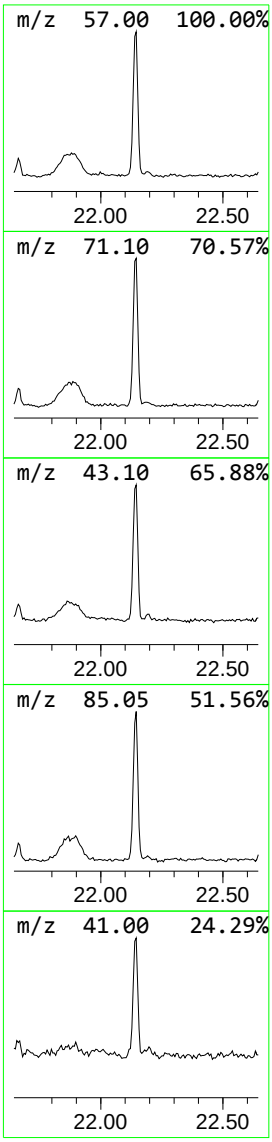
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.145	5.98 ng/ul	777757	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tricosane	324	C23H48	000638-67-5	91
4	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	90
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015771.D
Acq On : 28 Jun 2023 10:26
Operator : MA/JU
Sample : 03101-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZEM0

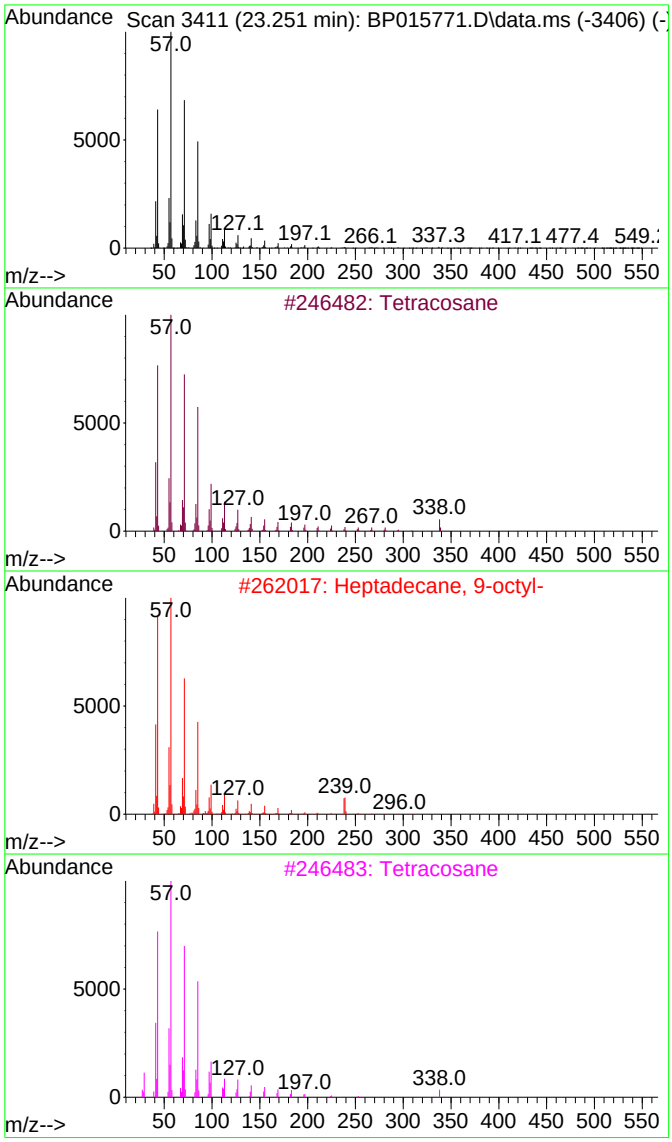
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

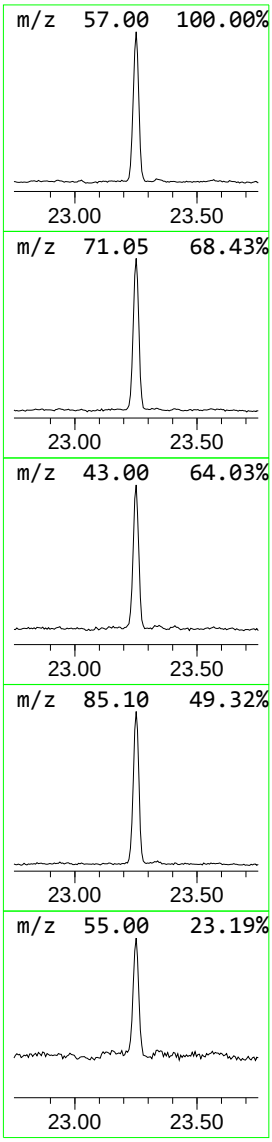
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.251	14.19 ng/ul	1519560	Perylene-d12	24.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	96
3	Tetracosane	338	C24H50	000646-31-1	95
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
5	Tricosane	324	C23H48	000638-67-5	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015771.D
Acq On : 28 Jun 2023 10:26
Operator : MA/JU
Sample : 03101-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZEM0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.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
1-Hexanol, 2-et...	8.122	3.0	ng/ul	182394	1	8.063	1196740	20.0
2,2,4-Trimethyl...	15.480	40.3	ng/ul	3322600	3	14.710	1649350	20.0
Benzophenone	16.075	7.2	ng/ul	597242	3	14.710	1649350	20.0
n-Hexadecanoic ...	18.321	7.8	ng/ul	689300	4	17.468	1756010	20.0
4H-Cyclopenta[d...	18.527	2.4	ng/ul	207124	4	17.468	1756010	20.0
Octadecanoic acid	19.551	2.1	ng/ul	276969	5	21.557	2602050	20.0
(DEL) Alkane: S...	22.145	6.0	ng/ul	777757	5	21.557	2602050	20.0
(DEL) Alkane: S...	23.251	14.2	ng/ul	1519560	6	24.104	2141850	20.0