LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015773.D
Acq On : 28 Jun 2023 11:34
Operator : MA/JU
Sample : 03142-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFS5

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: BP015773.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	30	34	40	rVB	34250	47925	0.22%	0.082%
2	3.934	124	127	134	rVB	27731	40889	0.19%	0.070%
3	4.052	143	147	153	rVB2	30365	49140	0.22%	0.084%
4	4.152	160	164	173	rVB	80145	119062	0.54%	0.204%
5	7.240	682	689	702	rBV	218829	571744	2.59%	0.981%
6	7.387	708	714	731	rVB	281622	522070	2.36%	0.896%
7	7.593	743	749	757	rBV	367559	673735	3.05%	1.156%
8	8.063	822	829	844	rBV	507961	965698	4.37%	1.657%
9	8.799	947	954	972	rBV2	202713	554806	2.51%	0.952%
10	9.252	1024	1031	1053	rBV	265012	642498	2.91%	1.102%
11	9.981	1148	1155	1181	rVB	192386	522284	2.36%	0.896%
12	10.557	1245	1253	1283	rBV3	172129	672384	3.04%	1.153%
13	10.893	1298	1310	1329	rBV	600770	1311659	5.94%	2.250%
14	11.087	1336	1343	1360	rBV	47663	187239	0.85%	0.321%
15	11.887	1473	1479	1486	rBV2	16603	34868	0.16%	0.060%
16	12.787	1625	1632	1638	rBV3	12241	26724	0.12%	0.046%
17	13.516	1751	1756	1761	rBV2	14767	25758	0.12%	0.044%
18	13.593	1762	1769	1776	rVV2	9421	22697	0.10%	0.039%
19	14.034	1837	1844	1849	rBV8	15915	33914	0.15%	0.058%
20	14.122	1850	1859	1873	rVV	538334	995391	4.50%	1.708%
21	14.245	1876	1880	1894	rVB4	34167	79648	0.36%	0.137%
22	14.404	1901	1907	1923	rBV2	699405	1282020	5.80%	2.199%
23	14.581	1932	1937	1945	rVB3	21747	34135	0.15%	0.059%
24	14.710	1953	1959	1967	rBV	844527	1337395	6.05%	2.294%
25	15.040	2006	2015	2019	rBV7	27615	88514	0.40%	0.152%
26	15.528	2095	2098	2103	rVB2	24340	35616	0.16%	0.061%
27	15.710	2123	2129	2147	rBV	767855	1370223	6.20%	2.350%
28	15.881	2153	2158	2165	rBV2	89166	194642	0.88%	0.334%
29	16.081	2186	2192	2201	rBV	114539	204952	0.93%	0.352%
30	16.416	2242	2249	2257	rBV	34172	72086	0.33%	0.124%
31	16.634	2281	2286	2293	rVB2	23221	42190	0.19%	0.072%
32	17.192	2378	2381	2385	rVB3	28338	35985	0.16%	0.062%
33	17.345	2403	2407	2415	rBV8	21074	39617	0.18%	0.068%
34	17.469	2422	2428	2433	rBV	948047	1464978	6.63%	2.513%
35	17.516	2433	2436	2441	rVV	160792	277857	1.26%	0.477%
36	17.575	2441	2446	2466	rVB2	801915	1494858	6.76%	2.564%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015773.D
Acq On : 28 Jun 2023 11:34
Operator : MA/JU
Sample : 03142-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFS5

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	17.928	2503	2506	2509	rVB2	28066	30409	0.14%	0.052%
38	18.269	2560	2564	2569	rBV	175226	234190	1.06%	0.402%
39	18.328	2569	2574	2584	rBV	3113961	4349007	19.68%	7.460%
40	18.598	2617	2620	2622	rBV	50937	60964	0.28%	0.105%
41	19.204	2720	2723	2730	rBV2	74847	118136	0.53%	0.203%
42	19.310	2738	2741	2745	rBV3	58778	88171	0.40%	0.151%
43	19.457	2755	2766	2779	rBV2	12522099	22097721	100.00%	37.907%
44	19.557	2779	2783	2794	rVB	1385542	1983542	8.98%	3.403%
45	19.798	2819	2824	2828	rBV	1244621	2016108	9.12%	3.458%
46	20.280	2902	2906	2910	rBV2	170349	224206	1.01%	0.385%
47	20.769	2986	2989	2991	rBV2	114821	159703	0.72%	0.274%
48	21.557	3118	3123	3128	rBV2	1229149	1905655	8.62%	3.269%
49	23.251	3407	3411	3417	rVB	502685	812991	3.68%	1.395%
50	23.939	3522	3528	3534	rVB2	835617	1751468	7.93%	3.004%
51	24.110	3551	3557	3563	rBV	848514	1773413	8.03%	3.042%
52	24.692	3650	3656	3664	rVB	840018	1784358	8.07%	3.061%
53	24.833	3675	3680	3692	rVB3	596684	1774077	8.03%	3.043%
54	26.657	3986	3990	3999	rVB2	450645	1055641	4.78%	1.811%

Sum of corrected areas: 58294961

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
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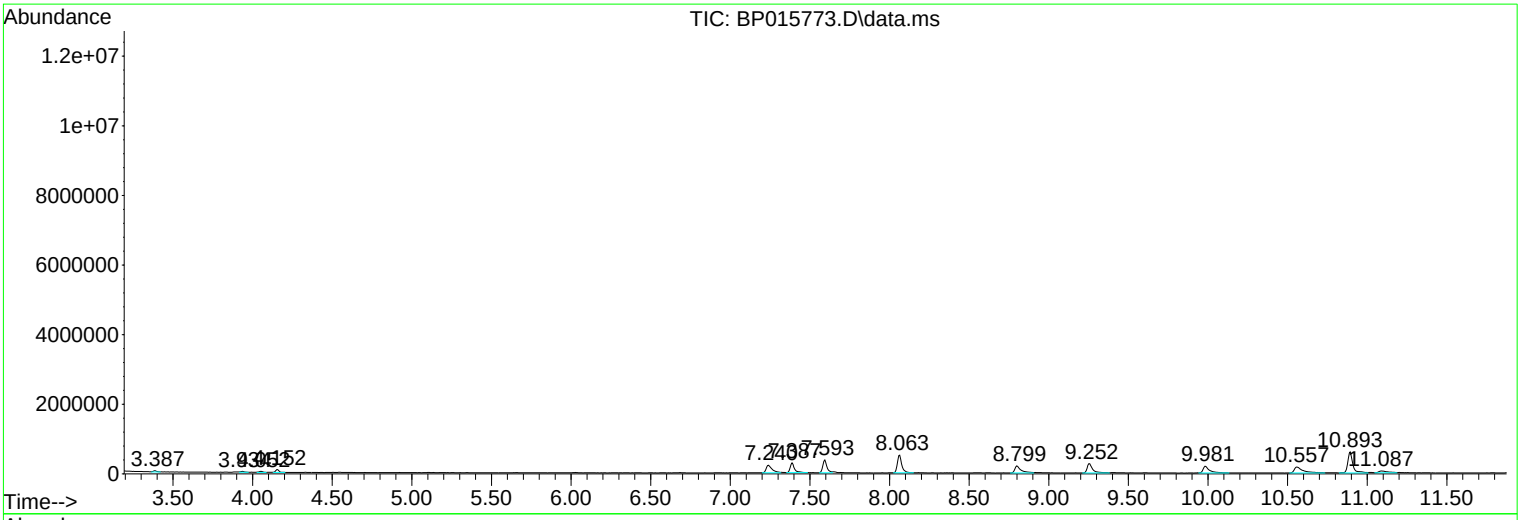
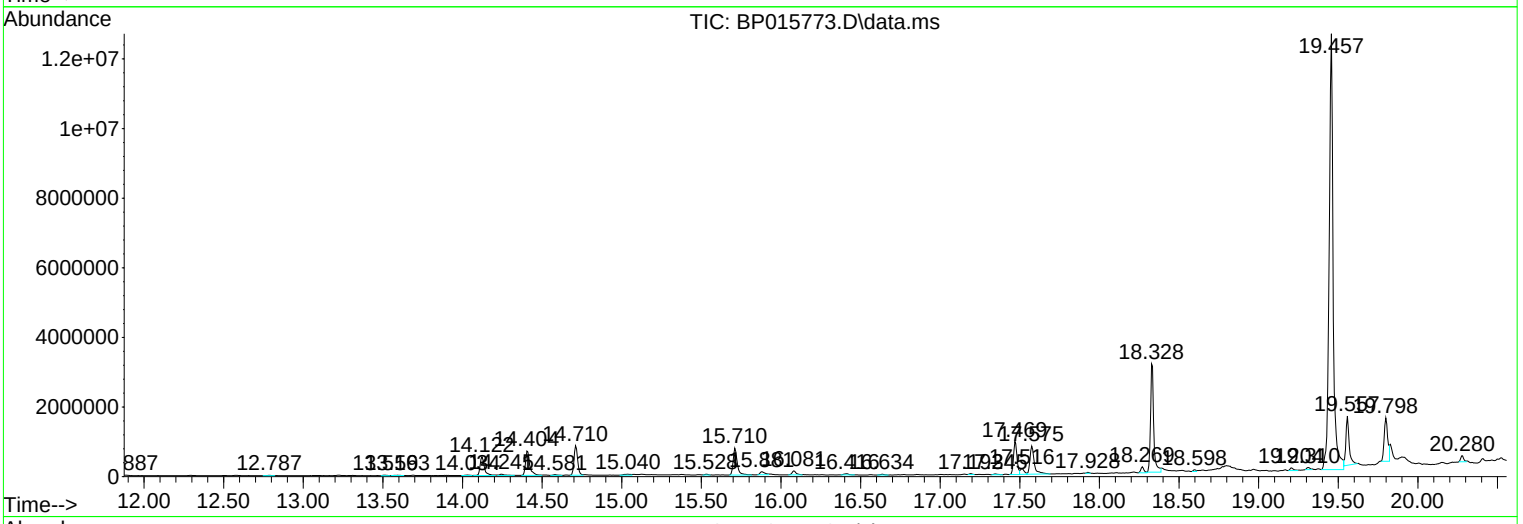
Misc :
ALS Vial : 7 Sample Multiplier: 1

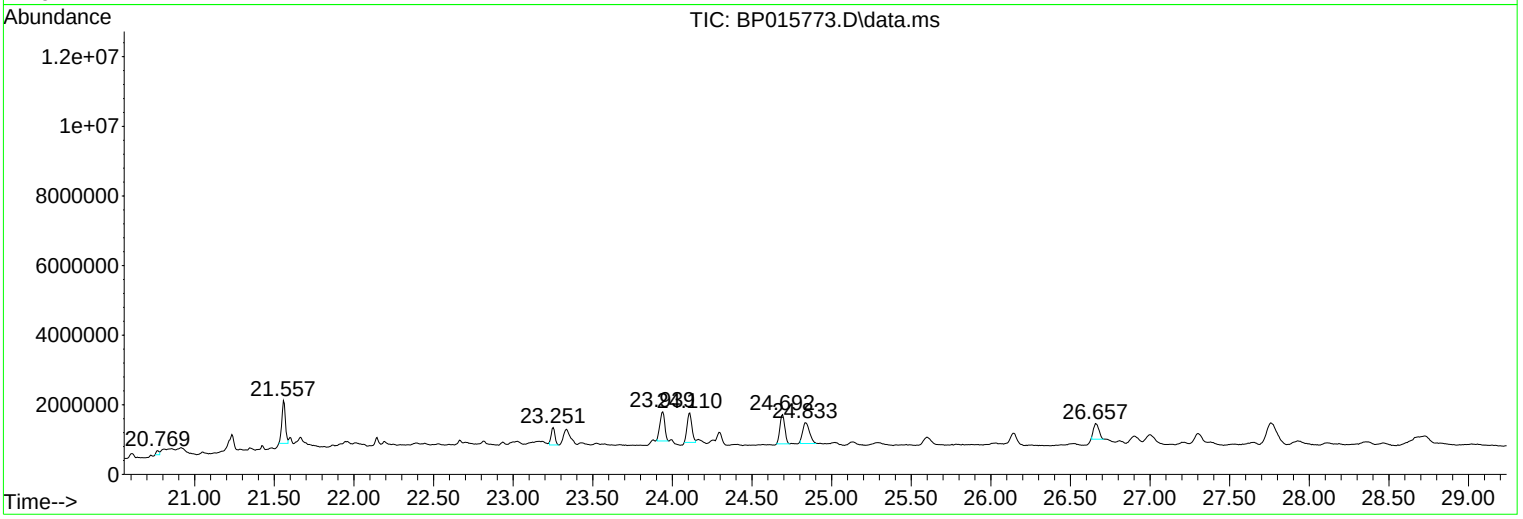
Instrument :
BNA_P
ClientSampleId :
DCFS5

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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Data File : BP015773.D
Acq On : 28 Jun 2023 11:34
Operator : MA/JU
Sample : 03142-06
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ALS Vial : 7 Sample Multiplier: 1

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

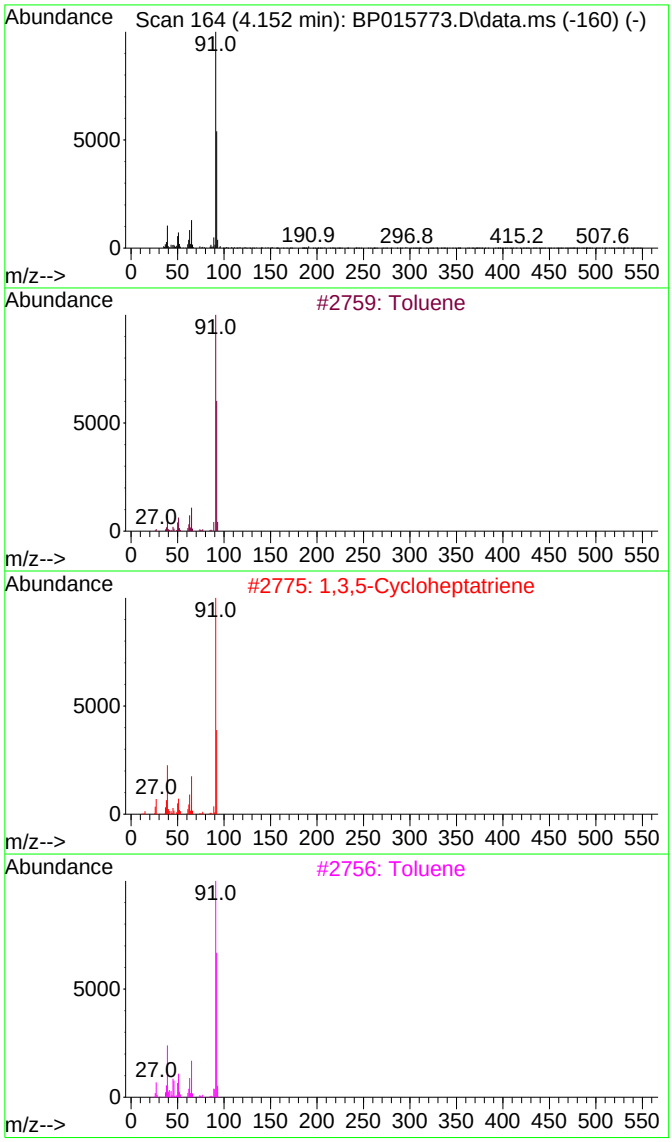
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

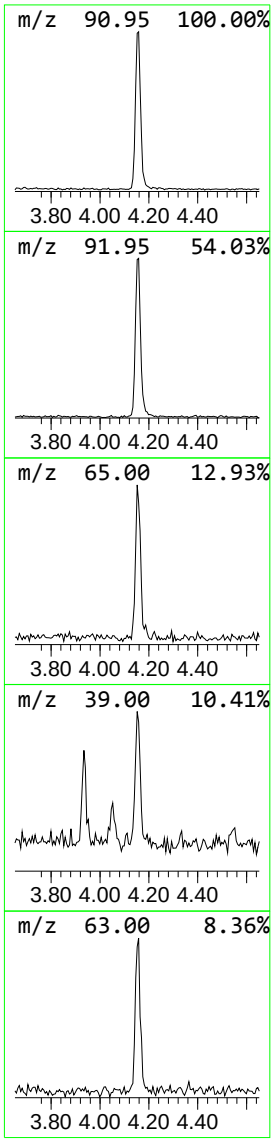
****

Peak Number 1 Toluene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.152	2.47 ng/ul	119062	1,4-Dichlorobenzene-d4	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	93
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
3	Toluene	92	C7H8	000108-88-3	90
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
5	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015773.D
Acq On : 28 Jun 2023 11:34
Operator : MA/JU
Sample : 03142-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFS5

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

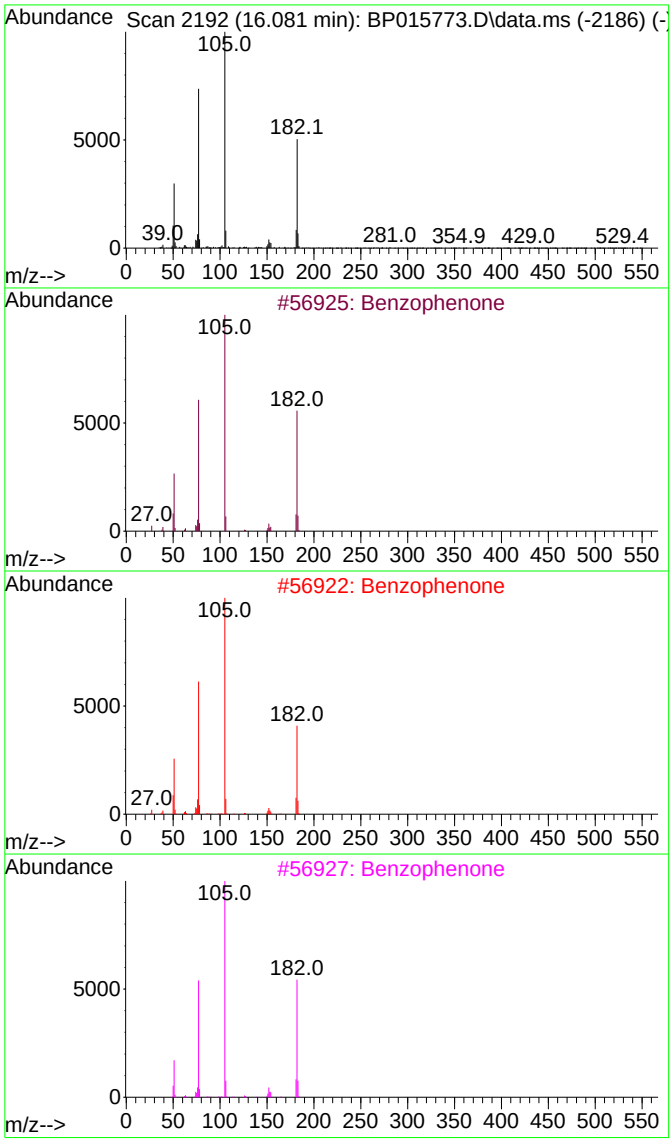
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

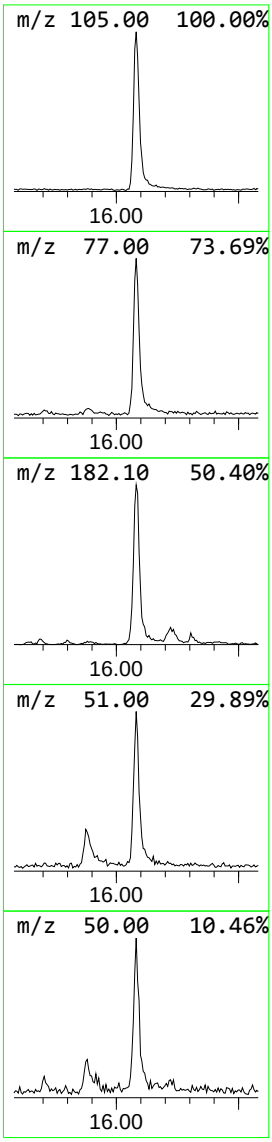
****

Peak Number 2 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.081	3.06 ng/ul	204952	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	91
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015773.D
Acq On : 28 Jun 2023 11:34
Operator : MA/JU
Sample : 03142-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFS5

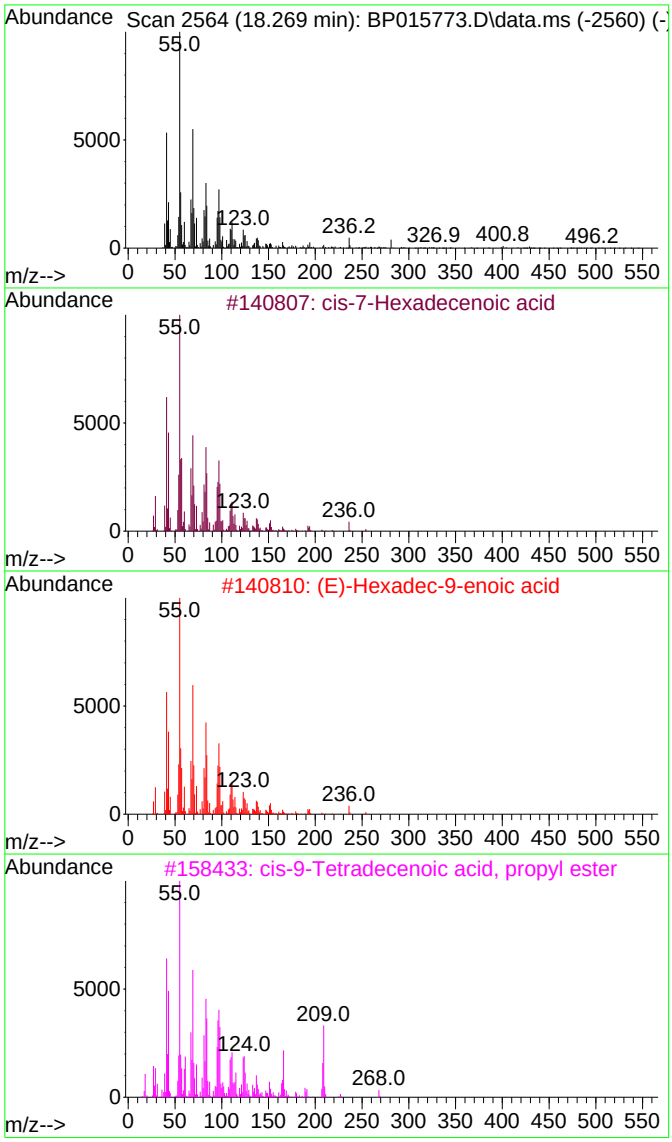
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

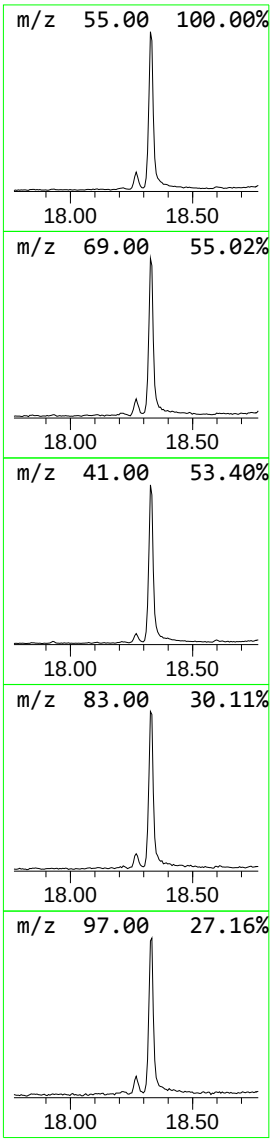
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 cis-7-Hexadecenoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	3.20 ng/ul	234190	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	97
2	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	96
3	cis-9-Tetradecenoic acid, propyl...	268	C17H32O2	1000405-14-2	95
4	Palmitoleic acid	254	C16H30O2	000373-49-9	87
5	cis-11-Eicosenoic acid	310	C20H38O2	005561-99-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015773.D
Acq On : 28 Jun 2023 11:34
Operator : MA/JU
Sample : 03142-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFS5

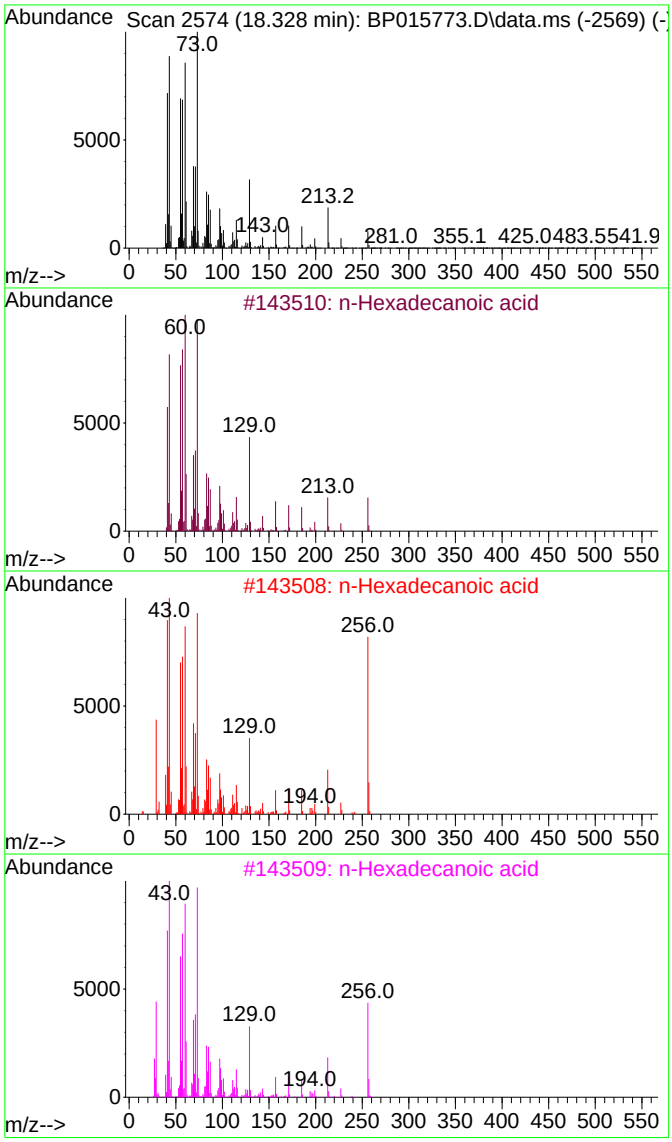
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

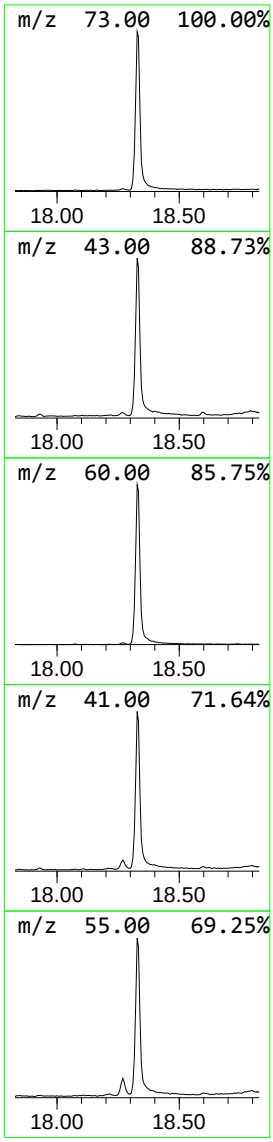
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.328	59.37 ng/ul	4349010	Phenanthrene-d10	17.469

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	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tridecanoic acid	214	C13H26O2	000638-53-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015773.D
Acq On : 28 Jun 2023 11:34
Operator : MA/JU
Sample : 03142-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFS5

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

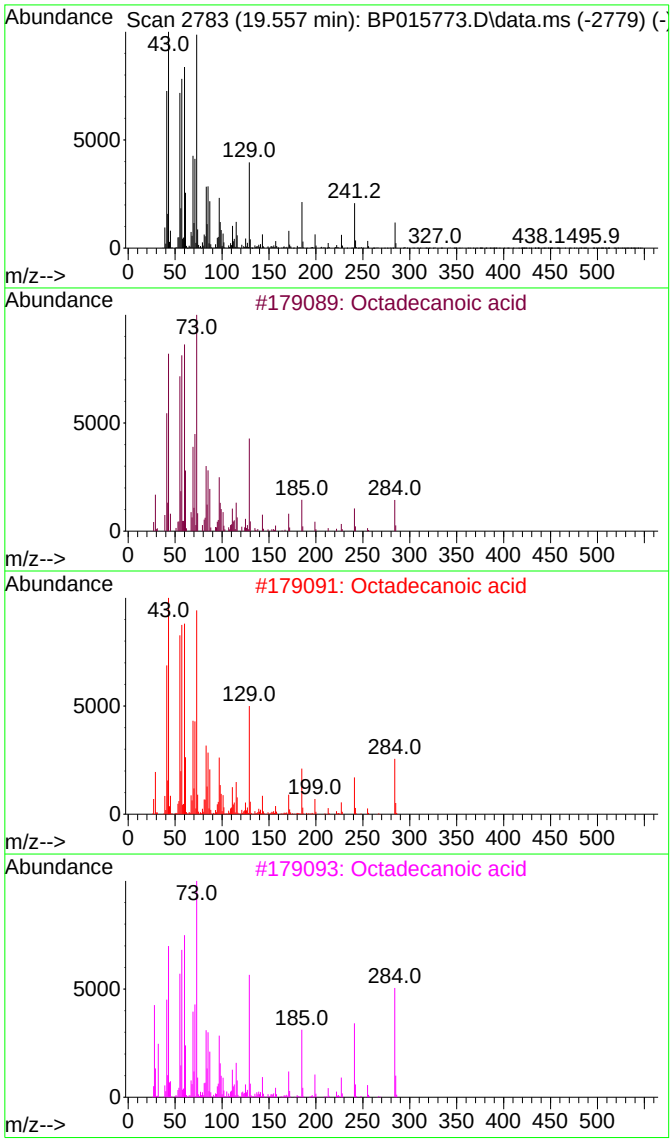
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

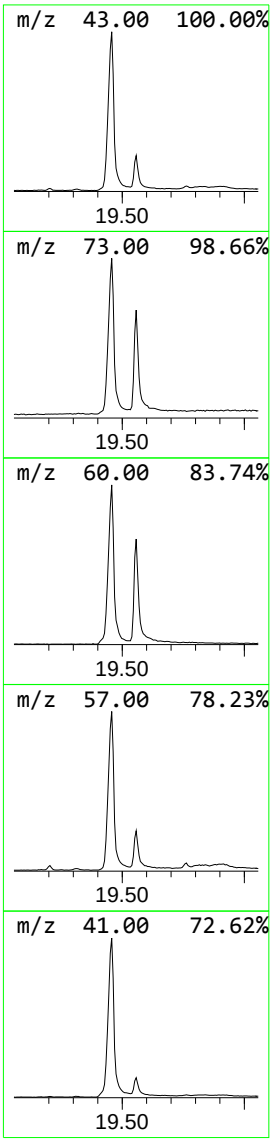
****

Peak Number 5 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.557	20.82 ng/ul	1983540	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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
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Operator : MA/JU
Sample : 03142-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFS5

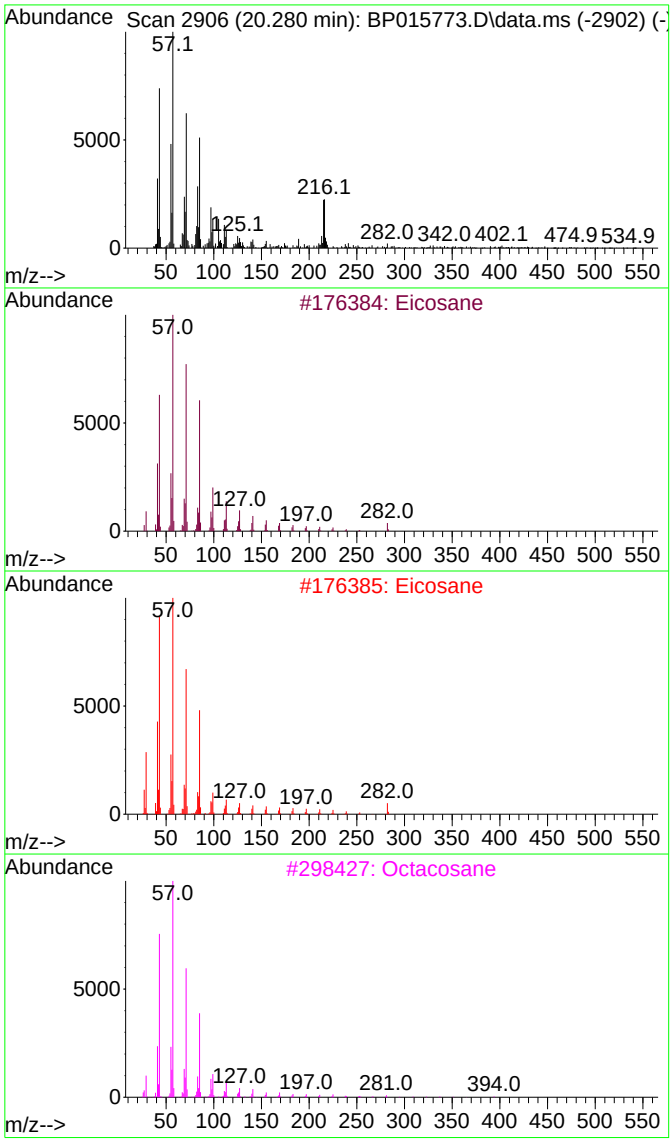
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

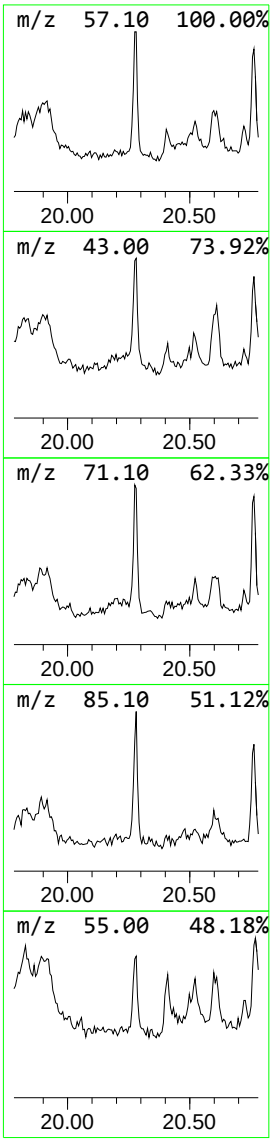
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.280	2.35 ng/ul	224206	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Eicosane	282	C20H42	000112-95-8	86
5	Pentadecane	212	C15H32	000629-62-9	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015773.D
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Operator : MA/JU
Sample : 03142-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFS5

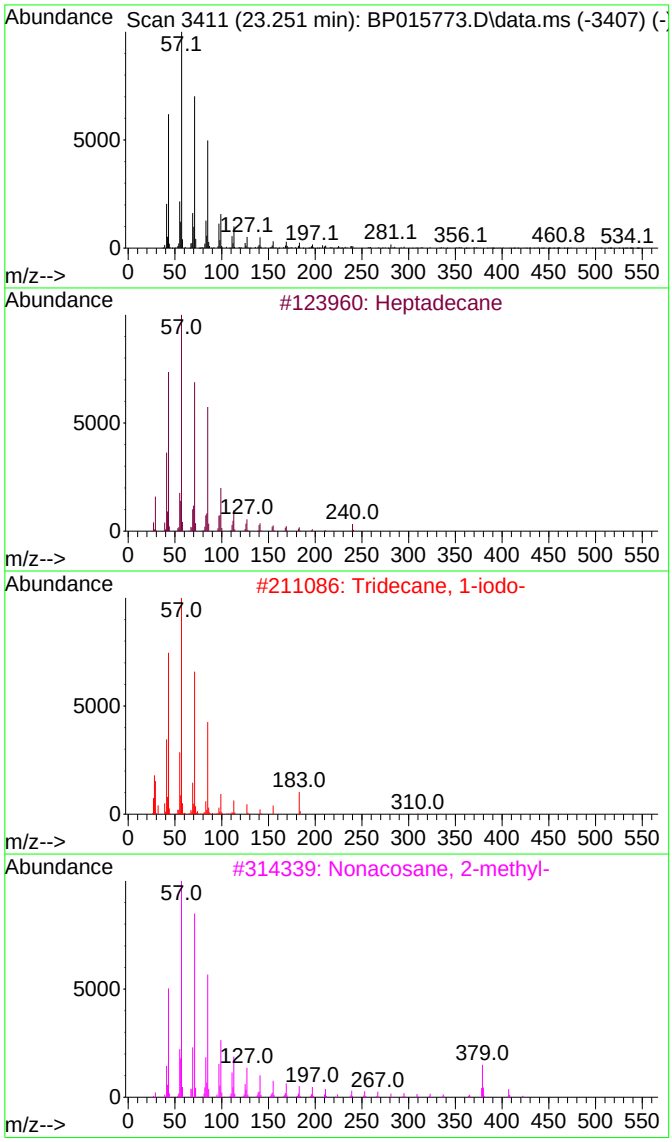
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

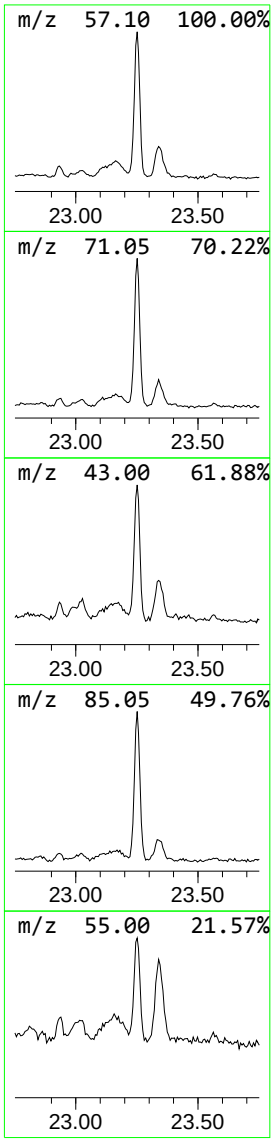
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.251	9.17 ng/ul	812991	Perylene-d12	24.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Nonacosane, 2-methyl-	422	C30H62	001560-75-4	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015773.D
Acq On : 28 Jun 2023 11:34
Operator : MA/JU
Sample : 03142-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFS5

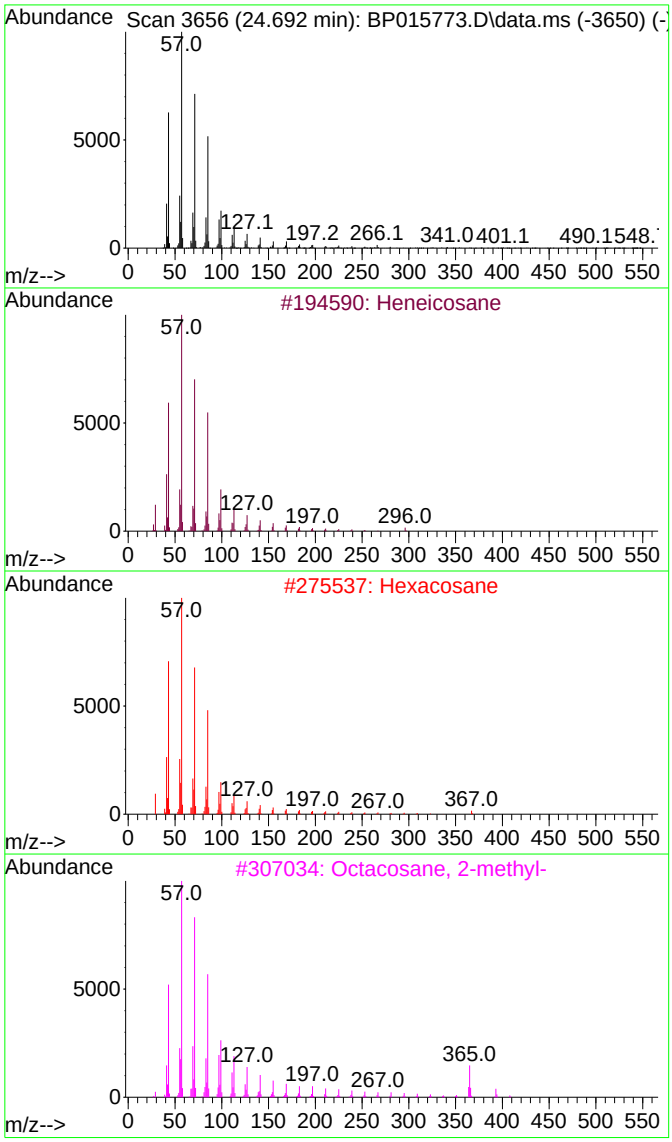
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

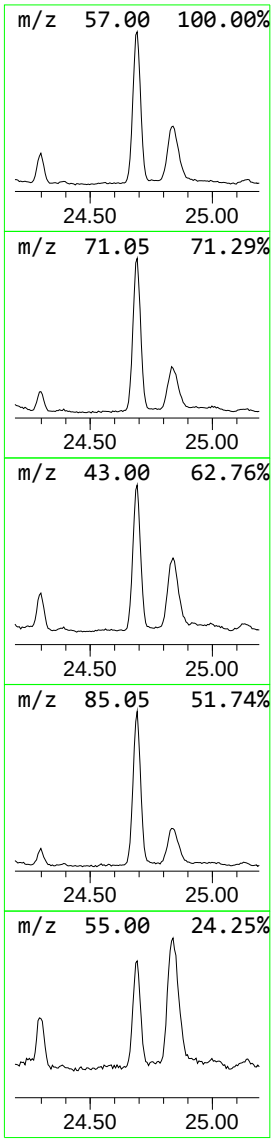
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.692	20.12 ng/ul	1784360	Perylene-d12	24.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Data File : BP015773.D
Acq On : 28 Jun 2023 11:34
Operator : MA/JU
Sample : 03142-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFS5

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

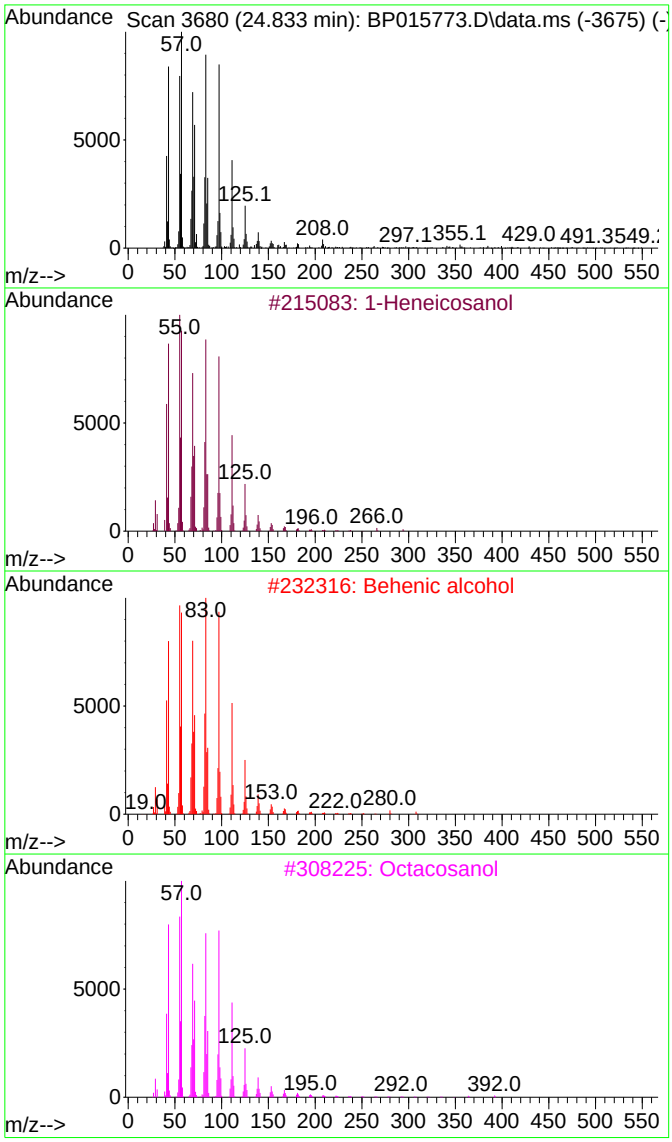
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

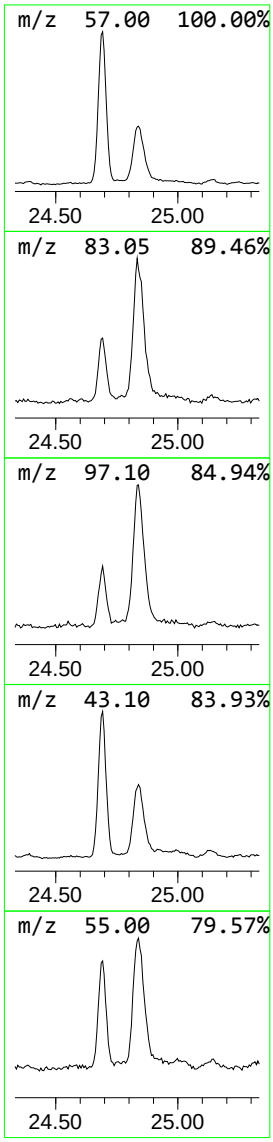
****

Peak Number 9 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.833	20.01 ng/ul	1774080	Perylene-d12	24.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	91
2	Behenic alcohol	326	C22H46O	000661-19-8	90
3	Octacosanol	410	C28H58O	000557-61-9	87
4	Pentacos-1-ene	350	C25H50	016980-85-1	87
5	1-Hexacosene	364	C26H52	018835-33-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015773.D
Acq On : 28 Jun 2023 11:34
Operator : MA/JU
Sample : 03142-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFS5

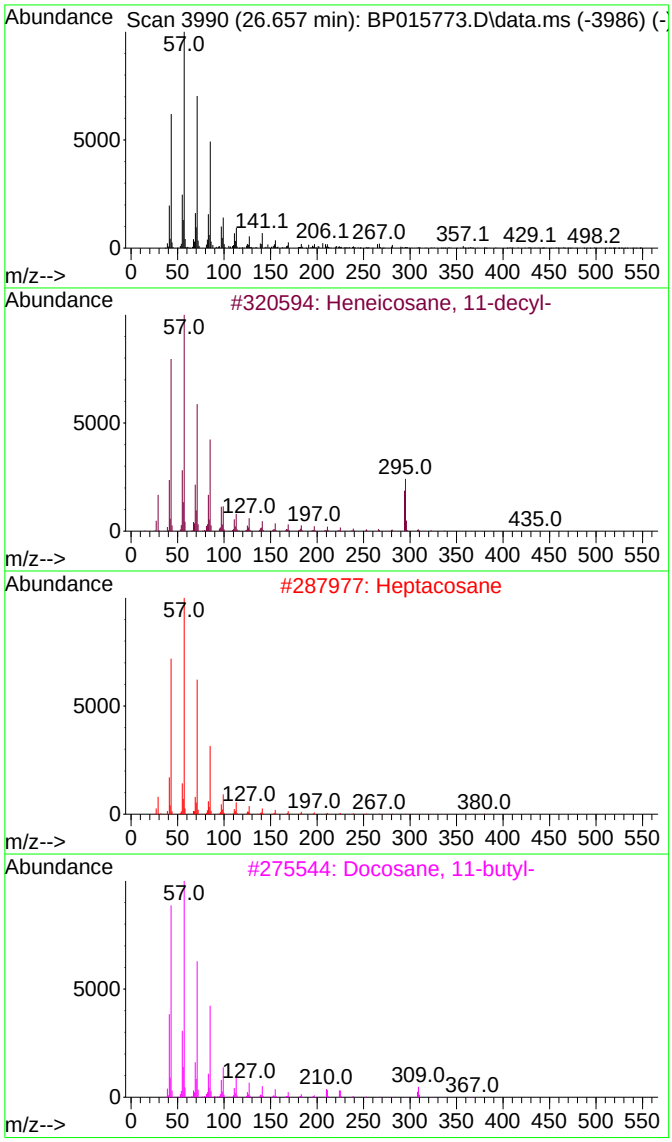
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

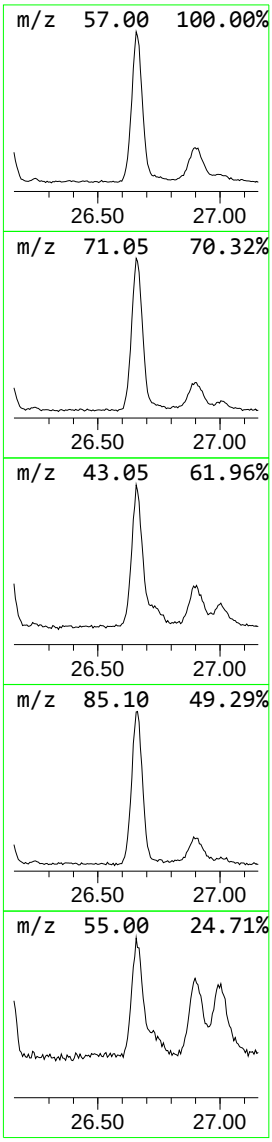
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.657	11.91 ng/ul	1055640	Perylene-d12	24.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	96
2	Heptacosane	380	C27H56	000593-49-7	95
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015773.D
Acq On : 28 Jun 2023 11:34
Operator : MA/JU
Sample : 03142-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFS5

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
Toluene	4.152	2.5	ng/ul	119062	1	8.063	965698	20.0
Benzophenone	16.081	3.1	ng/ul	204952	3	14.710	1337400	20.0
cis-7-Hexadecen...	18.269	3.2	ng/ul	234190	4	17.469	1464980	20.0
n-Hexadecanoic ...	18.328	59.4	ng/ul	4349010	4	17.469	1464980	20.0
Octadecanoic acid	19.557	20.8	ng/ul	1983540	5	21.557	1905660	20.0
(DEL) Alkane: S...	20.280	2.4	ng/ul	224206	5	21.557	1905660	20.0
(DEL) Alkane: S...	23.251	9.2	ng/ul	812991	6	24.110	1773410	20.0
(DEL) Alkane: S...	24.692	20.1	ng/ul	1784360	6	24.110	1773410	20.0
1-Heneicosanol	24.833	20.0	ng/ul	1774080	6	24.110	1773410	20.0
(DEL) Alkane: S...	26.657	11.9	ng/ul	1055640	6	24.110	1773410	20.0