LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043785.D
Acq On : 06 Jan 2024 06:45
Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA8DL

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_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM043785.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.134	665	671	679	rBV	59054	127502	0.17%	0.101%
2	7.293	693	698	708	rVB	60388	107612	0.15%	0.085%
3	7.481	724	730	746	rVB	73853	139427	0.19%	0.110%
4	7.952	802	810	819	rBV	1275418	2054237	2.82%	1.620%
5	8.681	927	934	945	rBV	61639	134435	0.18%	0.106%
6	9.140	1005	1012	1020	rBV	59400	115669	0.16%	0.091%
7	9.851	1125	1133	1140	rBV2	45145	94150	0.13%	0.074%
8	10.416	1223	1229	1239	rBV2	48170	130425	0.18%	0.103%
9	10.763	1279	1288	1300	rBV	1522409	2693731	3.70%	2.124%
10	13.369	1726	1731	1740	rBV2	63540	113865	0.16%	0.090%
11	13.587	1762	1768	1773	rBV	111877	180988	0.25%	0.143%
12	13.728	1786	1792	1796	rBV2	157584	247925	0.34%	0.196%
13	13.851	1806	1813	1817	rBV	860288	1320943	1.81%	1.042%
14	13.892	1817	1820	1830	rVB4	230760	398397	0.55%	0.314%
15	14.016	1836	1841	1848	rBV	158759	263733	0.36%	0.208%
16	14.292	1882	1888	1898	rBV	173714	344142	0.47%	0.271%
17	14.404	1902	1907	1914	rVV3	176996	326636	0.45%	0.258%
18	14.475	1914	1919	1925	rVB2	346205	494079	0.68%	0.390%
19	14.592	1933	1939	1946	rBV	2177700	3263938	4.48%	2.574%
20	15.045	2012	2016	2019	rBV	106496	145906	0.20%	0.115%
21	15.139	2029	2032	2037	rBV4	60853	84634	0.12%	0.067%
22	15.228	2037	2047	2053	rBV3	602431	1294686	1.78%	1.021%
23	15.416	2076	2079	2086	rVB4	72148	130137	0.18%	0.103%
24	15.545	2097	2101	2104	rBV3	64912	89577	0.12%	0.071%
25	15.586	2104	2108	2114	rBV	235149	364016	0.50%	0.287%
26	15.875	2151	2157	2162	rVB2	807724	1180114	1.62%	0.931%
27	15.939	2165	2168	2174	rVB4	118184	196410	0.27%	0.155%
28	16.080	2188	2192	2196	rBV5	135280	197191	0.27%	0.156%
29	16.451	2252	2255	2259	rBV2	106900	128631	0.18%	0.101%
30	17.010	2342	2350	2358	rBV	43663952	72869567	100.00%	57.465%
31	17.133	2367	2371	2375	rBV3	276636	496700	0.68%	0.392%
32	17.345	2402	2407	2412	rBV	2615151	3896146	5.35%	3.073%
33	18.227	2553	2557	2561	rBV	579106	1182223	1.62%	0.932%
34	18.269	2562	2564	2570	rVB2	800556	1149363	1.58%	0.906%
35	18.327	2570	2574	2577	rBV3	346777	540427	0.74%	0.426%
36	18.410	2585	2588	2592	rBV	545201	673384	0.92%	0.531%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043785.D
Acq On : 06 Jan 2024 06:45
Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GCFA8DL

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_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

37	18.539	2607	2610	2618	rVB6	523743	948084	1.30%	0.748%
38	18.774	2647	2650	2655	rVB2	639437	842430	1.16%	0.664%
39	18.939	2675	2678	2680	rBV3	355375	414795	0.57%	0.327%
40	18.969	2680	2683	2686	rVV	377678	506640	0.70%	0.400%
41	19.021	2689	2692	2695	rVB	339721	393142	0.54%	0.310%
42	19.069	2695	2700	2707	rVB3	1164284	2411340	3.31%	1.902%
43	19.139	2707	2712	2717	rBV2	1639985	2608398	3.58%	2.057%
44	19.427	2758	2761	2763	rBV2	357401	383414	0.53%	0.302%
45	19.457	2763	2766	2770	rVV3	540545	673550	0.92%	0.531%
46	19.610	2789	2792	2796	rVB2	499784	578913	0.79%	0.457%
47	19.680	2801	2804	2808	rVB2	333566	408002	0.56%	0.322%
48	19.839	2828	2831	2836	rVB2	777057	1131771	1.55%	0.893%
49	20.227	2894	2897	2903	rVB4	485109	843455	1.16%	0.665%
50	20.357	2917	2919	2921	rBV	277197	267418	0.37%	0.211%
51	20.610	2958	2962	2966	rBV	3166441	3797978	5.21%	2.995%
52	20.651	2966	2969	2974	rVB2	682175	868776	1.19%	0.685%
53	21.527	3113	3118	3128	rVB	3236536	4377488	6.01%	3.452%
54	22.157	3221	3225	3236	rVB	776530	1308630	1.80%	1.032%
55	23.945	3523	3529	3537	rVB	2349337	4705526	6.46%	3.711%
56	25.662	3816	3821	3837	rVB2	830950	2165182	2.97%	1.707%

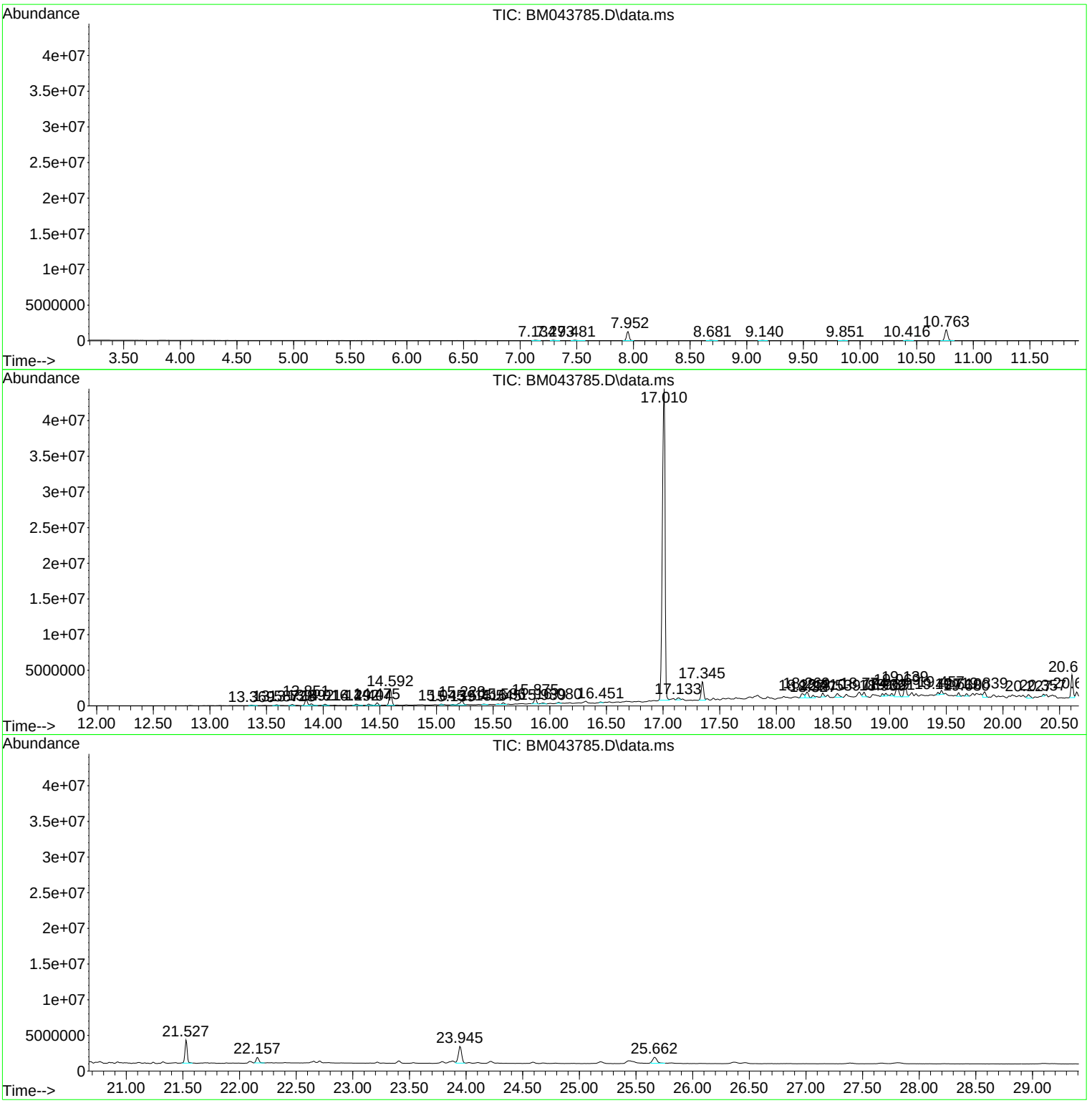
Sum of corrected areas: 126805878

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043785.D
Acq On : 06 Jan 2024 06:45
Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA8DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043785.D
Acq On : 06 Jan 2024 06:45
Operator : MA/JU
Sample : 05953-06DL 10X
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Quant Title : SVOA CALIBRATION

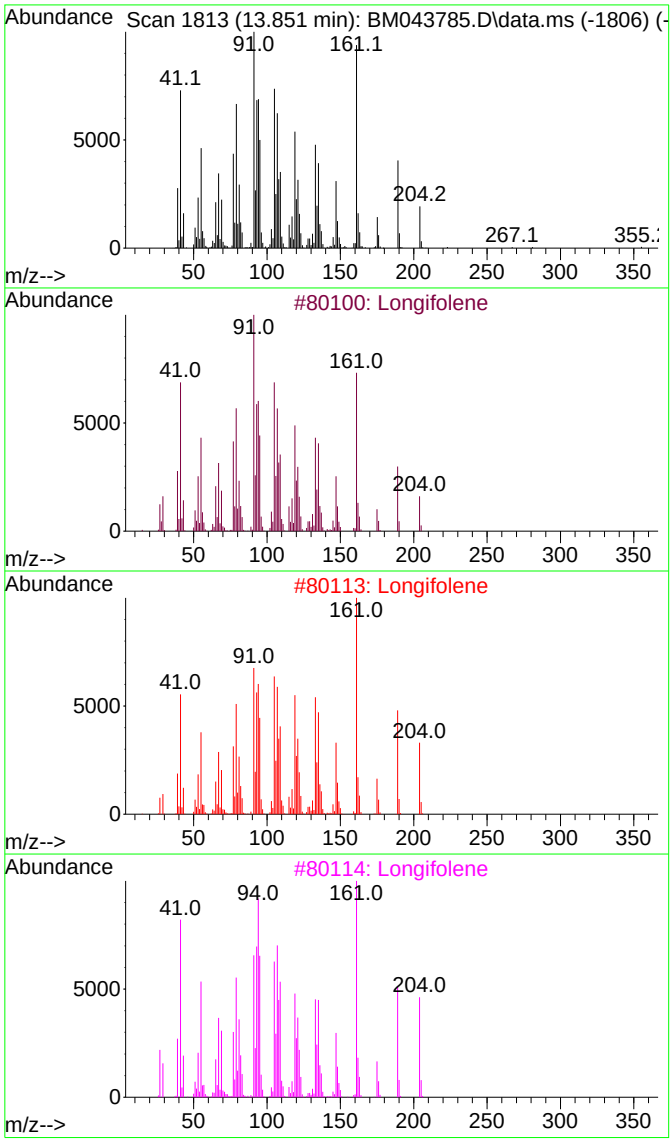
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

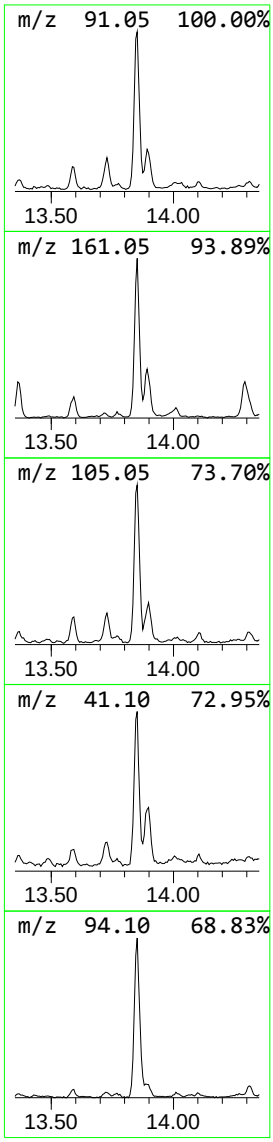
****

Peak Number 1 Longifolene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	8.09 ng/ul	1320940	Acenaphthene-d10	14.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolene	204	C15H24	000475-20-7	99
2	Longifolene	204	C15H24	000475-20-7	99
3	Longifolene	204	C15H24	000475-20-7	99
4	Longifolene	204	C15H24	000475-20-7	98
5	(3R,4aS,5R)-4a,5-Dimethyl-3-(pro...	204	C15H24	024741-64-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043785.D
Acq On : 06 Jan 2024 06:45
Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA8DL

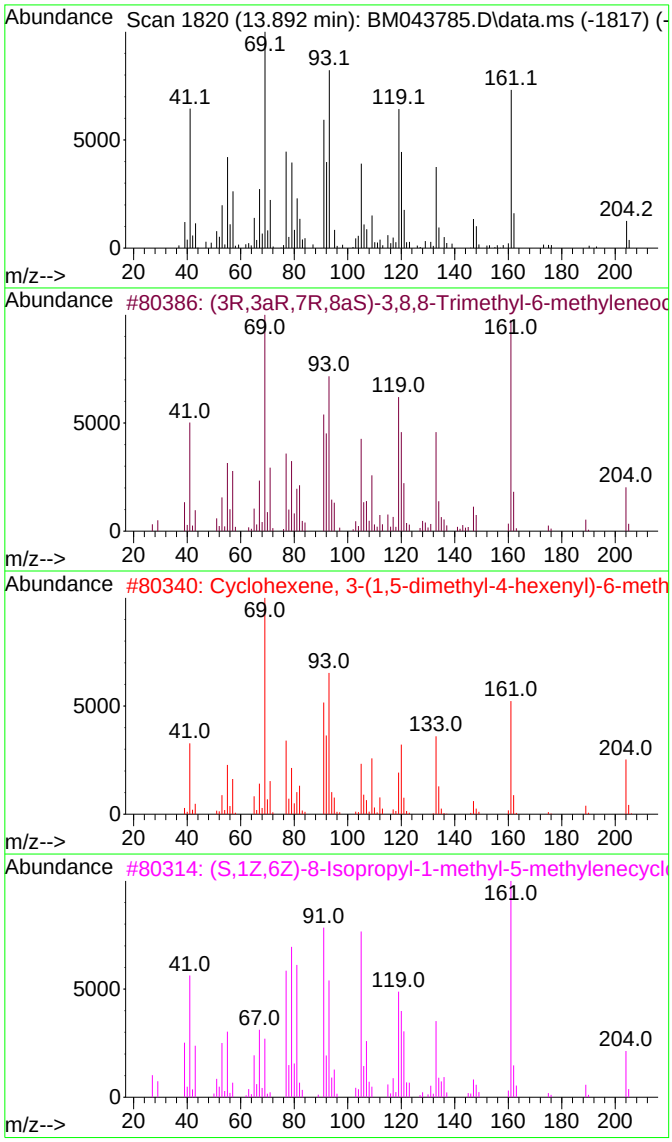
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

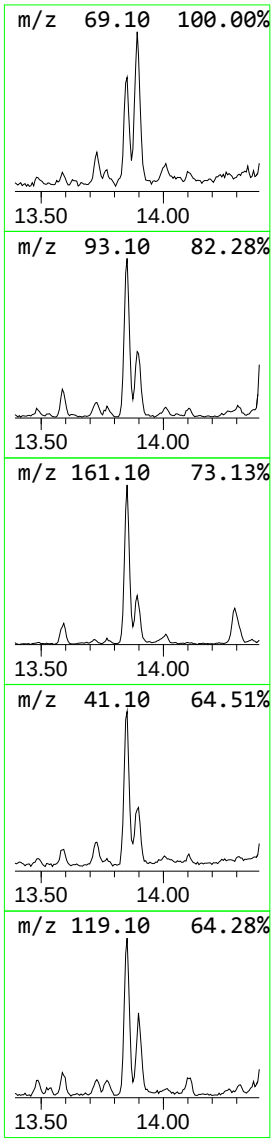
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (3R,3aR,7R,8aS)-3,8,8-Trime... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	2.44 ng/ul	398397	Acenaphthene-d10	14.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3R,3aR,7R,8aS)-3,8,8-Trimethyl-...	204	C15H24	079120-98-2	83
2	Cyclohexene, 3-(1,5-dimethyl-4-h...	204	C15H24	020307-83-9	83
3	(S,1Z,6Z)-8-Isopropyl-1-methyl-5...	204	C15H24	317819-80-0	64
4	(1S,4aR,8aS)-1-Isopropyl-7-methy...	204	C15H24	006980-46-7	60
5	(1S,5S)-4-Methylene-1-((R)-6-met...	204	C15H24	058319-04-3	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043785.D
Acq On : 06 Jan 2024 06:45
Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA8DL

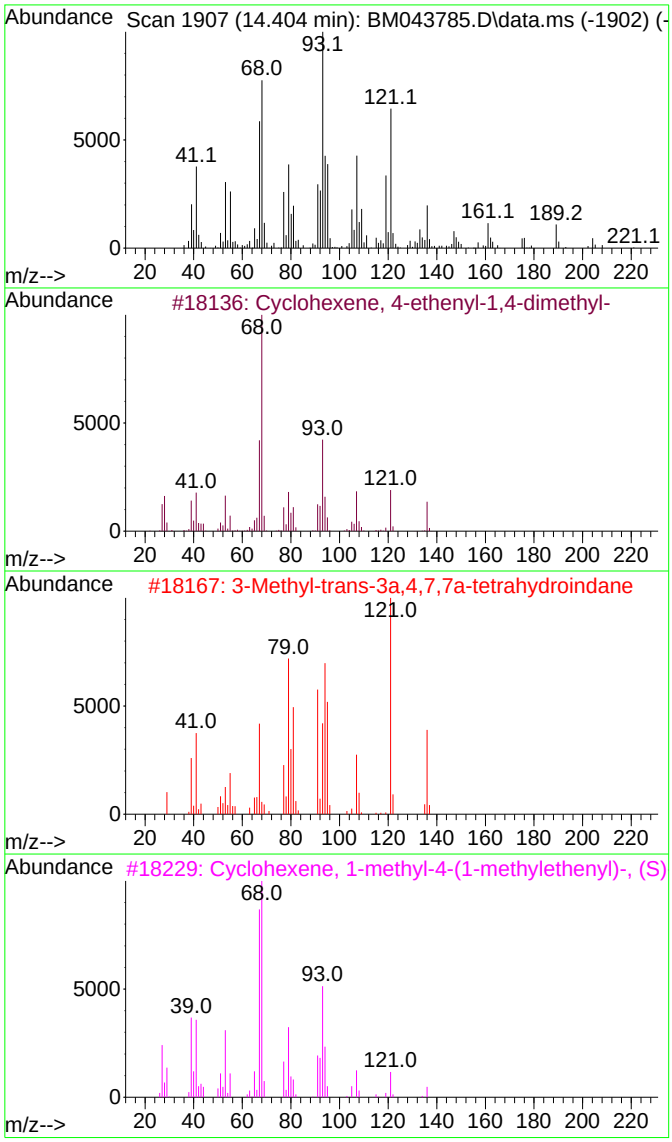
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

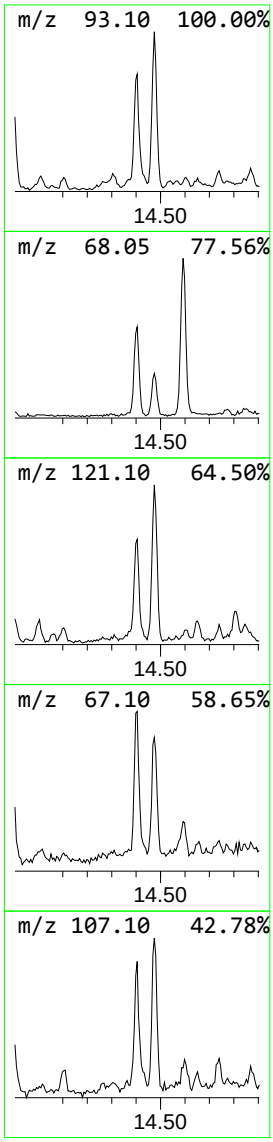
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexene, 4-ethenyl-1,4-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.404	2.00 ng/ul	326636	Acenaphthene-d10	14.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	90
2	3-Methyl-trans-3a,4,7,7a-tetrahy...	136	C10H16	1000145-84-3	83
3	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	81
4	Camphene	136	C10H16	000079-92-5	60
5	Limonene	136	C10H16	000138-86-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043785.D
Acq On : 06 Jan 2024 06:45
Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA8DL

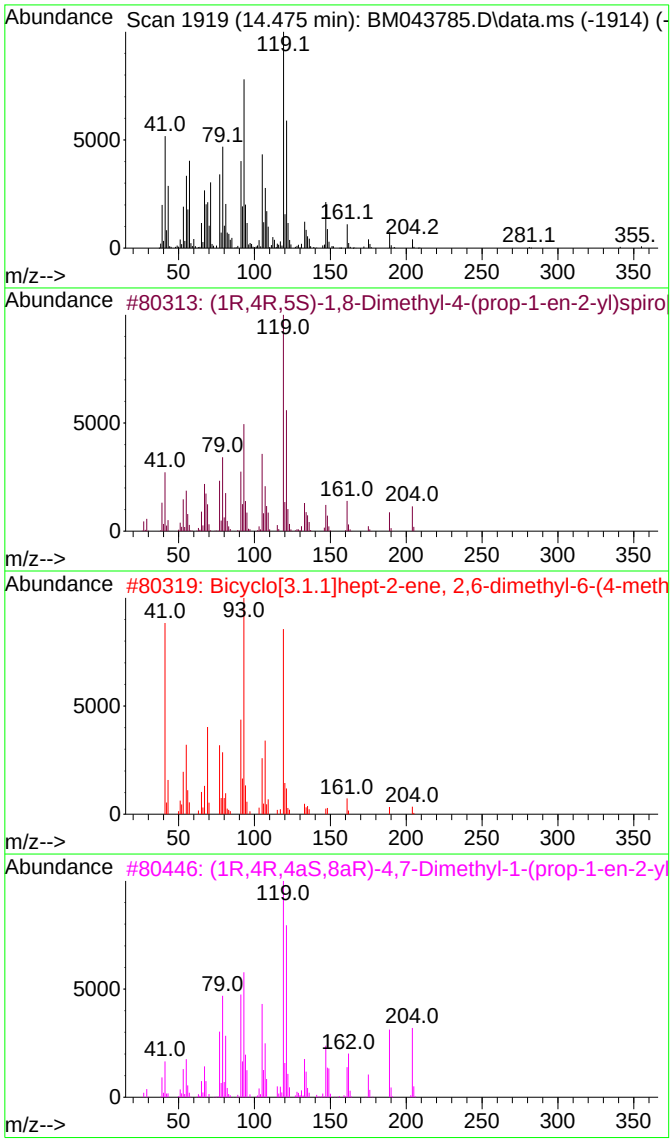
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

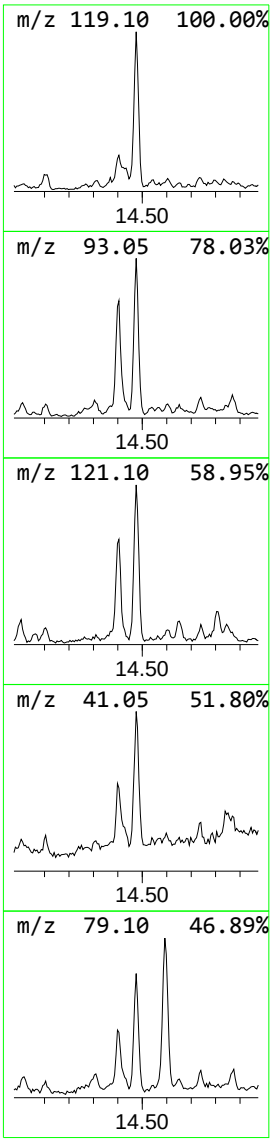
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (1R,4R,5S)-1,8-Dimethyl-4-(... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.475	3.03 ng/ul	494079	Acenaphthene-d10	14.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R,4R,5S)-1,8-Dimethyl-4-(prop-...	204	C15H24	729602-94-2	98
2	Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	95
3	(1R,4R,4aS,8aR)-4,7-Dimethyl-1-(...	204	C15H24	092692-39-2	87
4	(Z,Z)-.alpha.-Farnesene	204	C15H24	1000293-03-1	70
5	1-Methyl-4-(6-methylhept-5-en-2-...	204	C15H24	000451-55-8	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043785.D
Acq On : 06 Jan 2024 06:45
Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA8DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

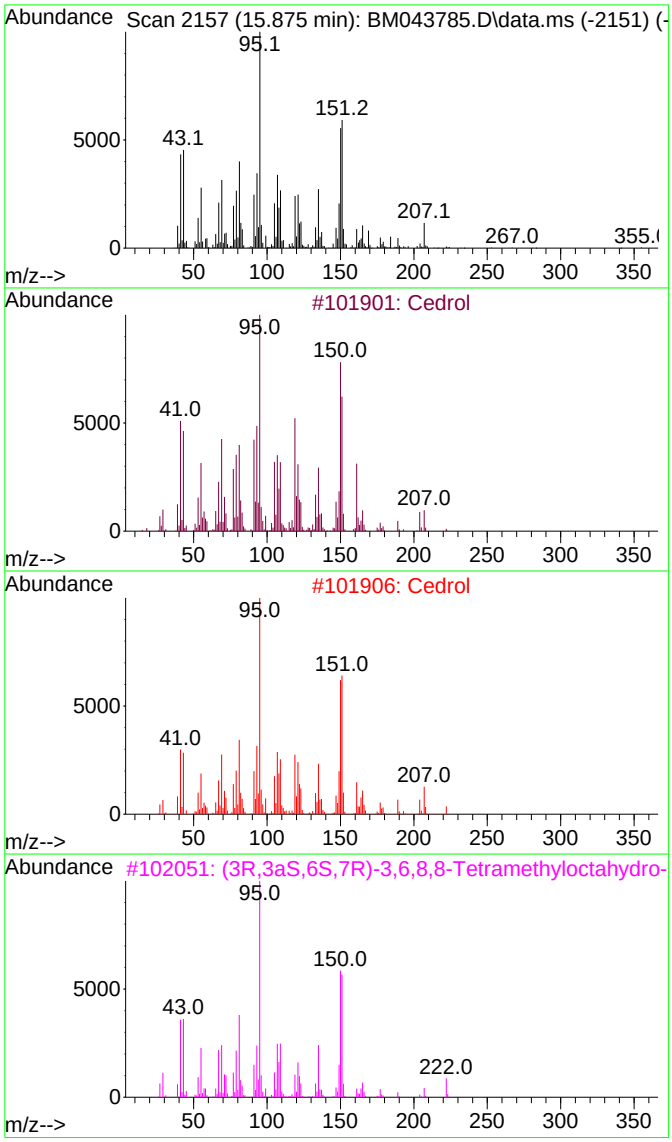
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

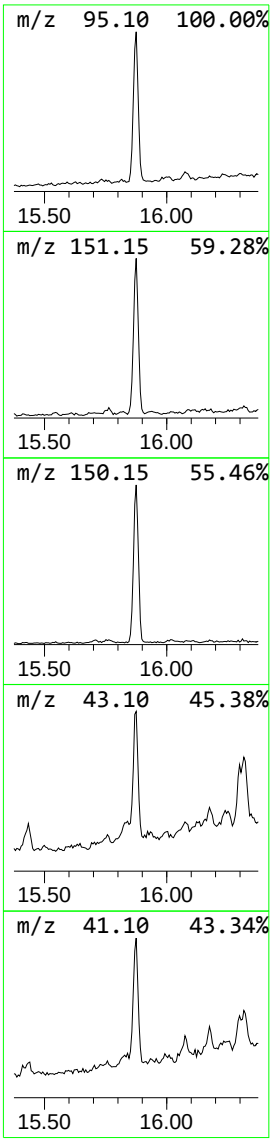
****

Peak Number 5 Cedrol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.875	7.23 ng/ul	1180110	Acenaphthene-d10	14.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cedrol	222	C15H26O	000077-53-2	91
2	Cedrol	222	C15H26O	000077-53-2	91
3	(3R,3aS,6S,7R)-3,6,8,8-Tetrameth...	222	C15H26O	019903-73-2	90
4	Cedrol	222	C15H26O	000077-53-2	74
5	Cedrol	222	C15H26O	000077-53-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043785.D
Acq On : 06 Jan 2024 06:45
Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA8DL

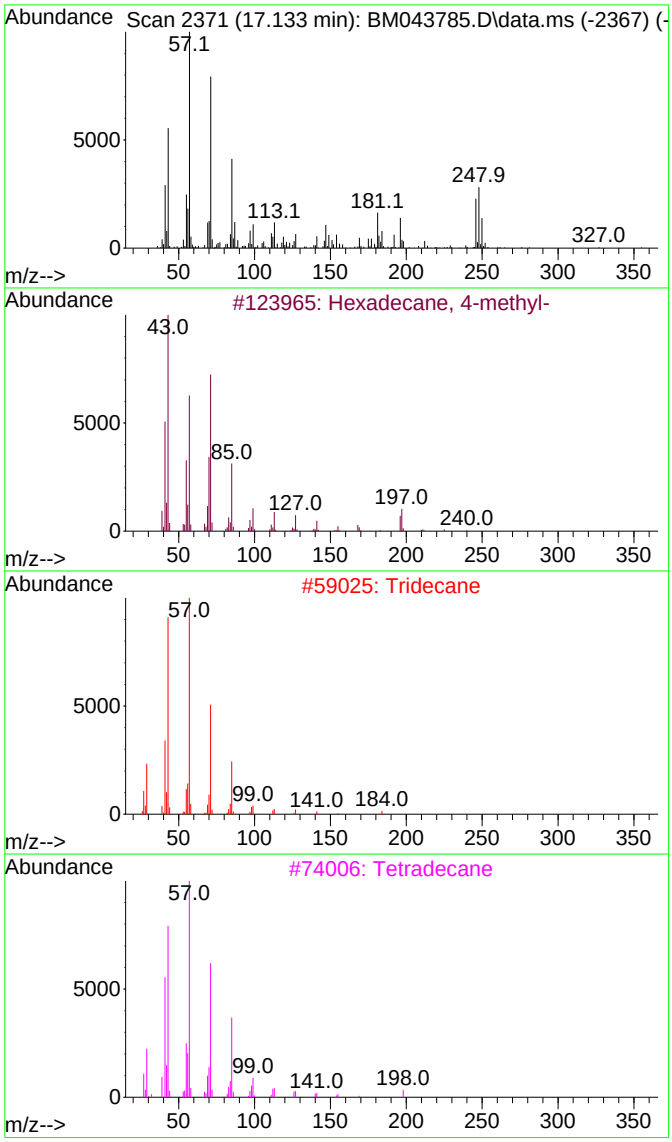
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

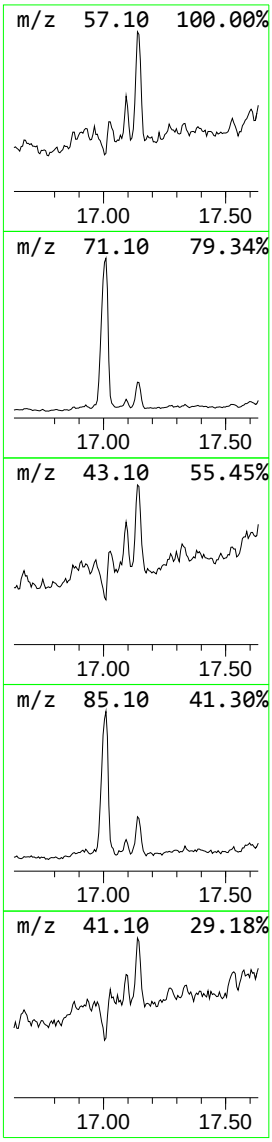
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.133	2.55 ng/ul	496700	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 4-methyl-	240	C17H36	025117-26-4	60
2	Tridecane	184	C13H28	000629-50-5	60
3	Tetradecane	198	C14H30	000629-59-4	55
4	Pentadecane	212	C15H32	000629-62-9	55
5	Tridecane	184	C13H28	000629-50-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043785.D
Acq On : 06 Jan 2024 06:45
Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA8DL

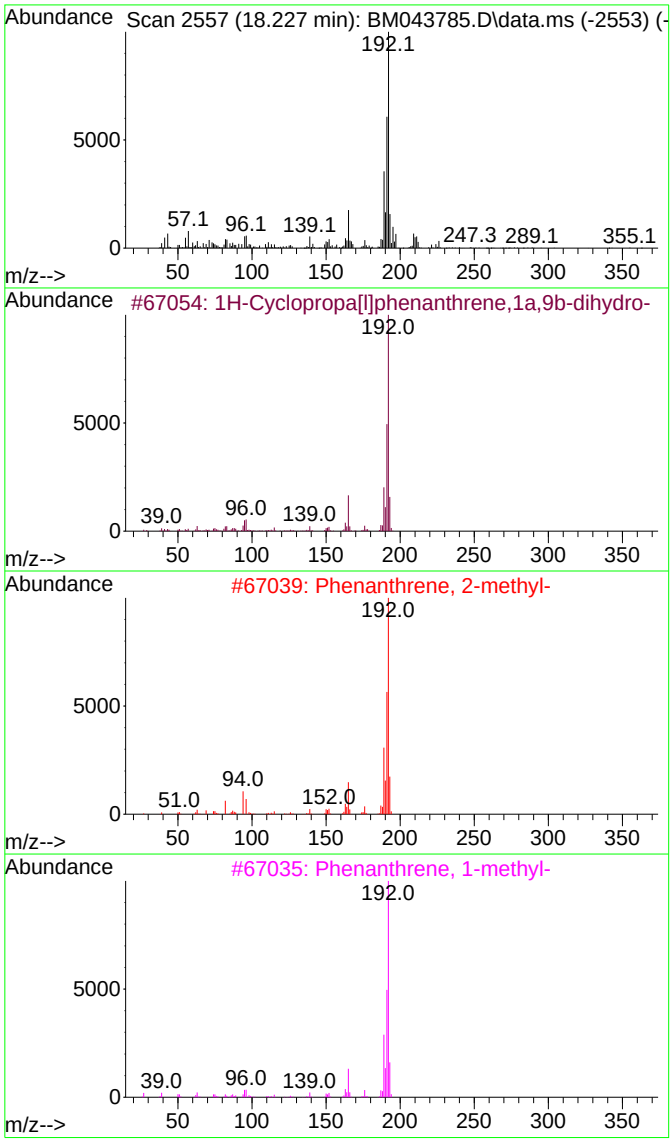
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

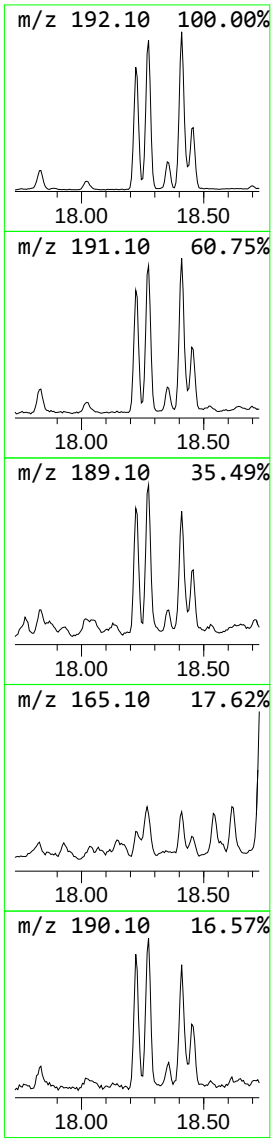
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	6.07 ng/ul	1182220	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043785.D
Acq On : 06 Jan 2024 06:45
Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA8DL

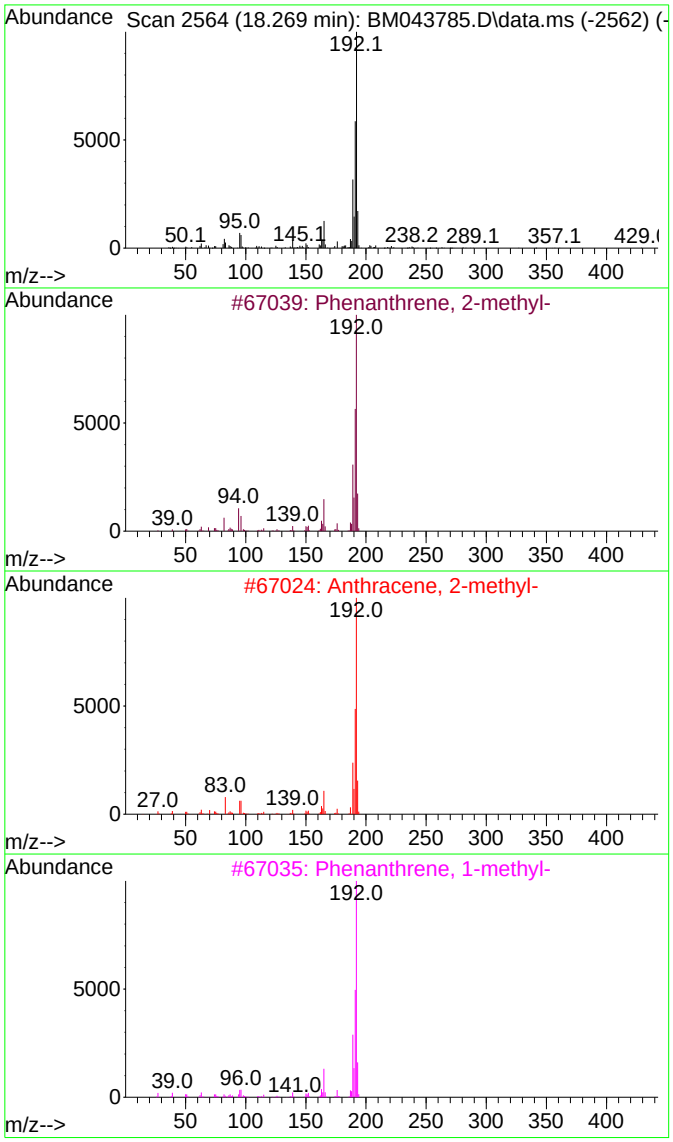
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

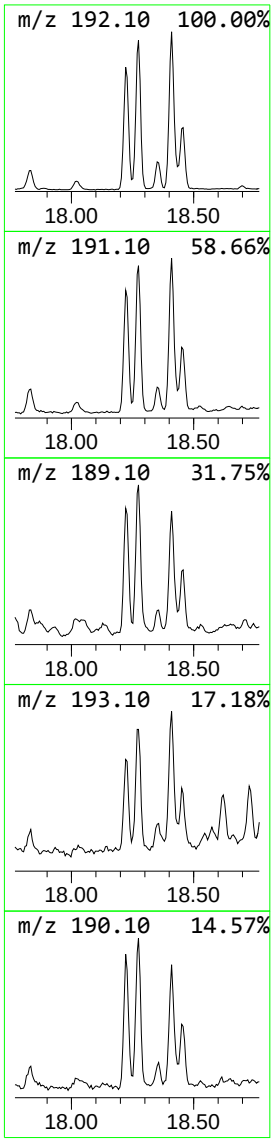
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	5.90 ng/ul	1149360	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Data File : BM043785.D
Acq On : 06 Jan 2024 06:45
Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA8DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

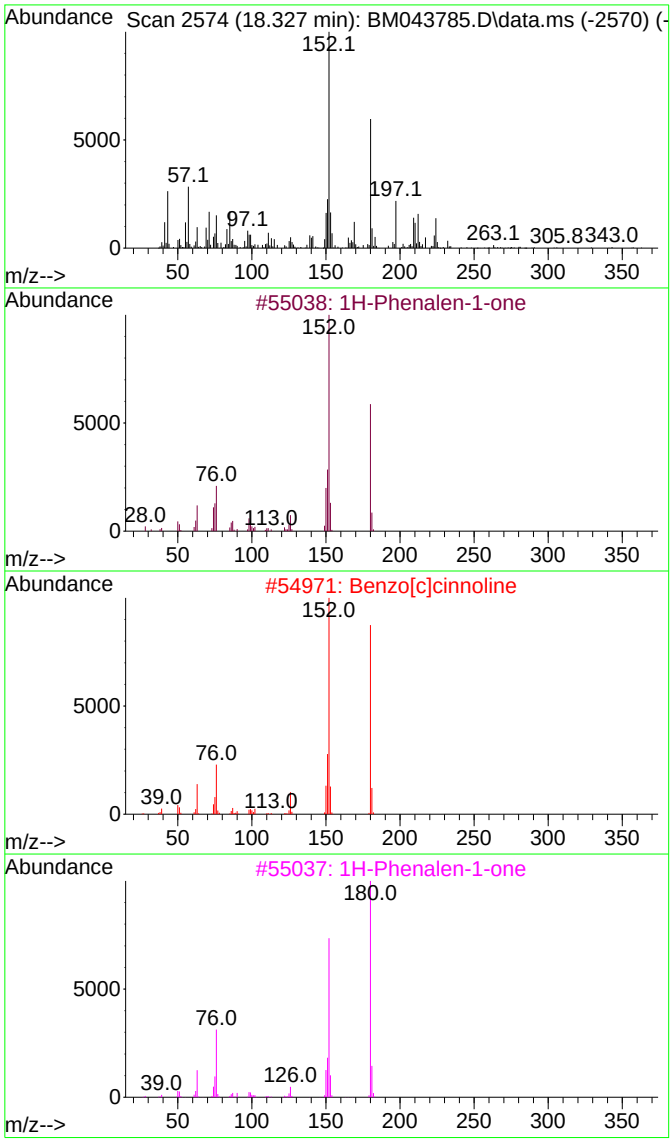
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

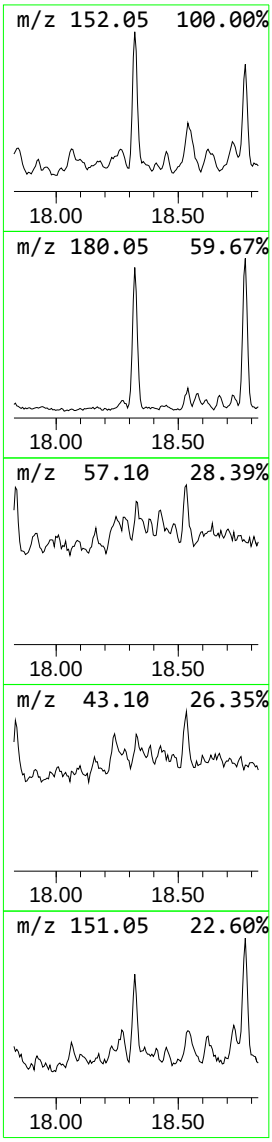
****

Peak Number 9 1H-Phenalen-1-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.327	2.77 ng/ul	540427	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalen-1-one	180	C13H8O	000548-39-0	92
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	62
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	62
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	50
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	49





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Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA8DL

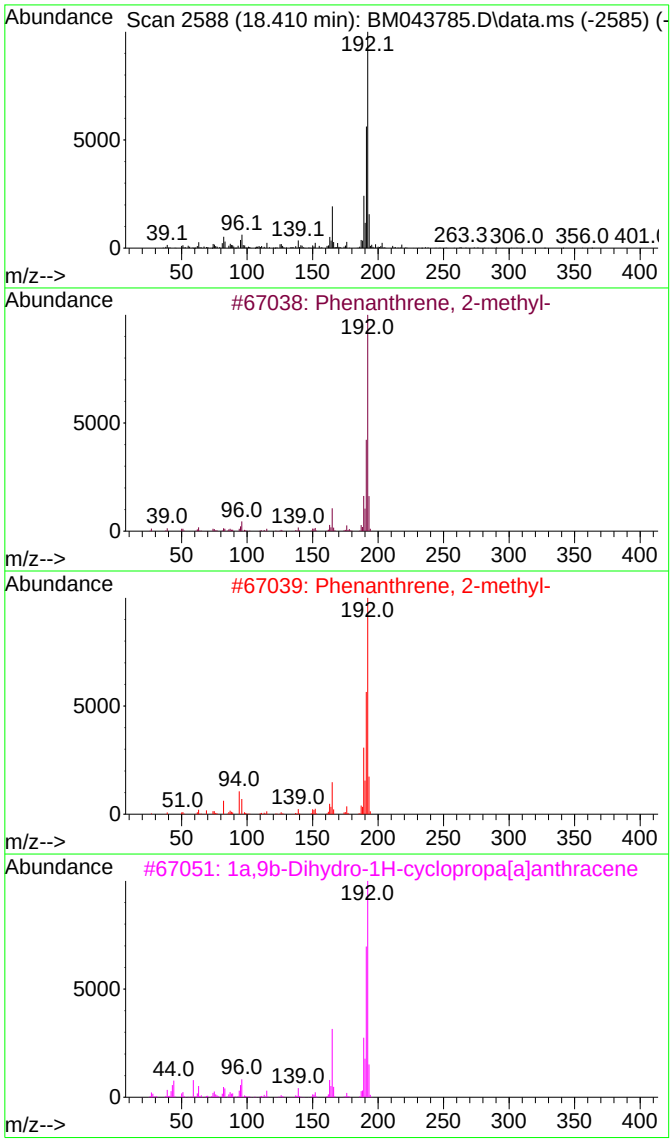
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

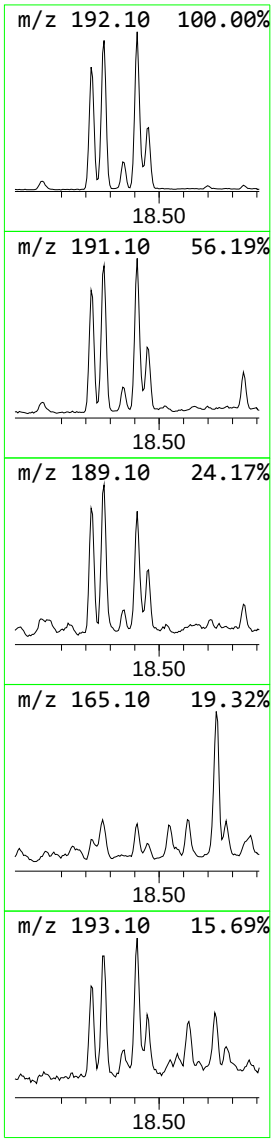
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1a,9b-Dihydro-1H-cyclopropa... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.410	3.46 ng/ul	673384	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA8DL

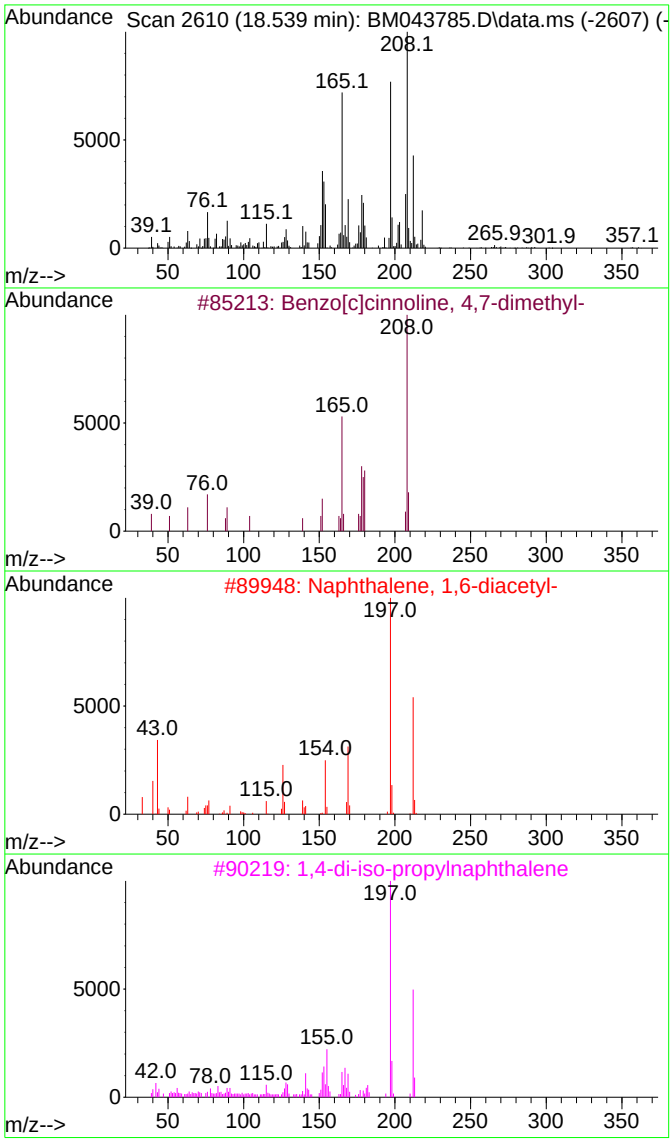
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

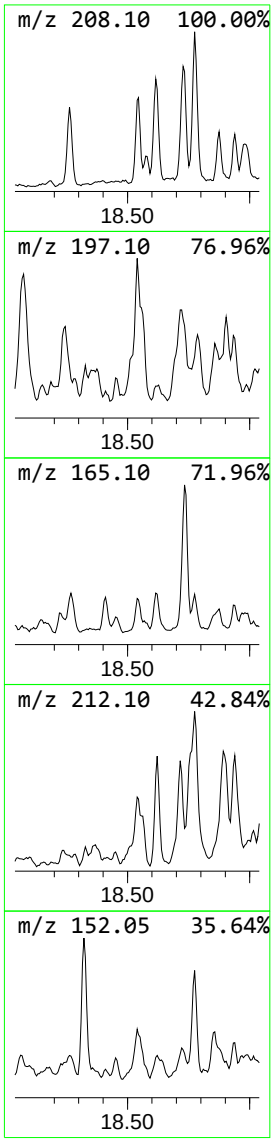
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzo[c]cinnoline, 4,7-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.539	4.87 ng/ul	948084	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]cinnoline, 4,7-dimethyl-	208	C14H12N2	020684-54-2	60
2	Naphthalene, 1,6-diacetyl-	212	C14H12O2	010060-34-1	46
3	1,4-di-iso-propylnaphthalene	212	C16H20	1000374-05-7	42
4	.beta.-Carboline, 6-methoxy-2-me...	212	C13H12N2O	1000117-57-5	41
5	9H-Fluoren-9-one, 2,3-dimethyl-	208	C15H12O	004627-17-2	38





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Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA8DL

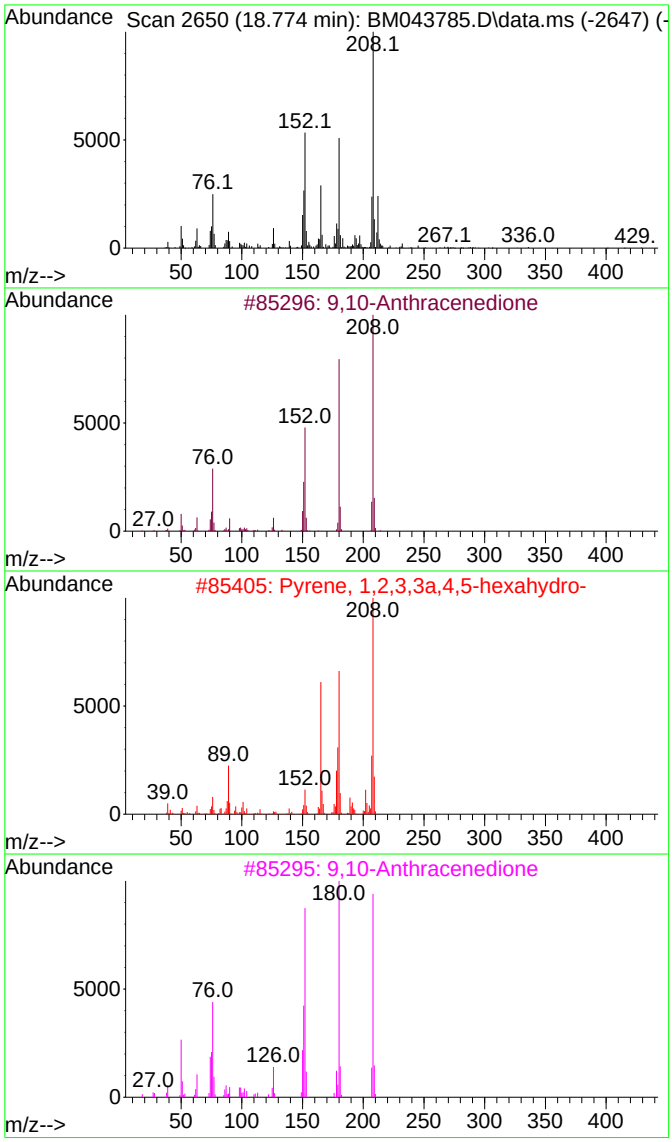
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

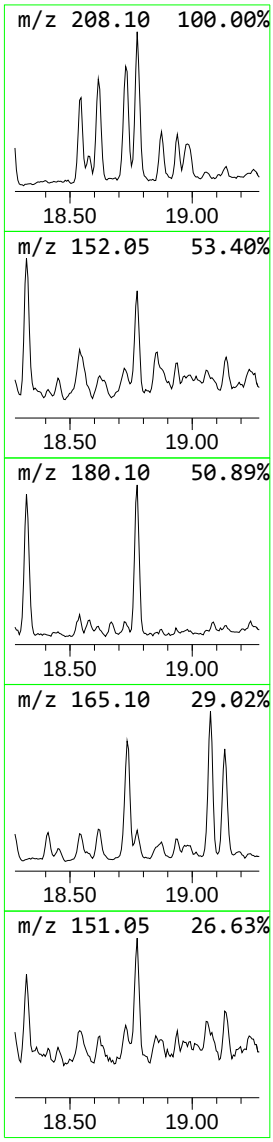
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.774	4.32 ng/ul	842430	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	83
2	Pyrene, 1,2,3,3a,4,5-hexahydro-	208	C16H16	005385-37-5	53
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	49
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	46
5	Pyrene, 1,2,3,6,7,8-hexahydro-	208	C16H16	001732-13-4	43





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Acq On : 06 Jan 2024 06:45
Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GCFA8DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

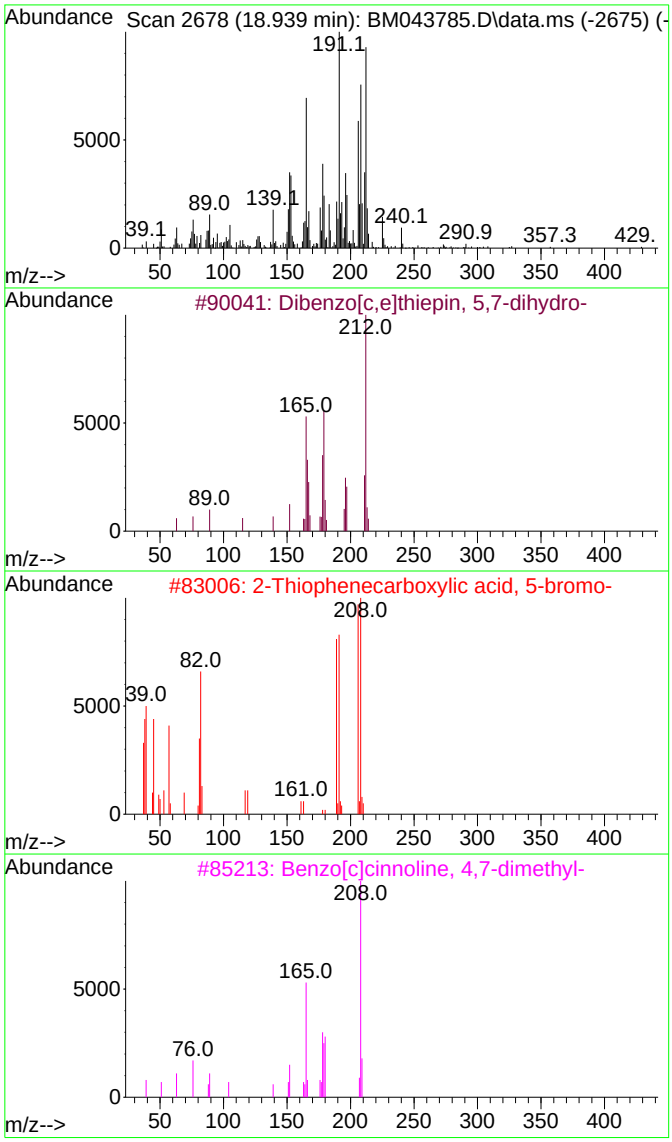
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

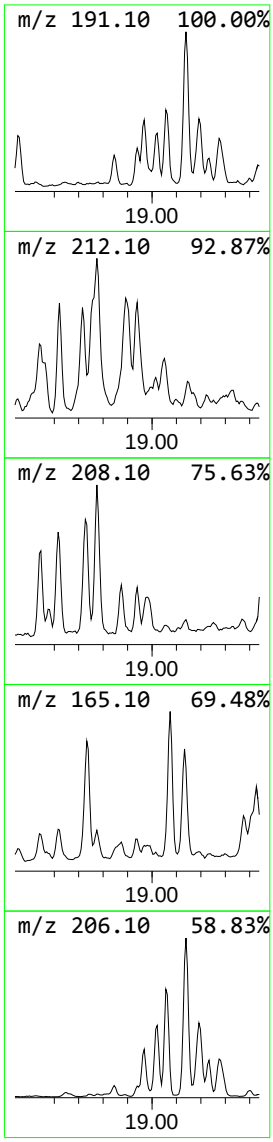
****

Peak Number 13 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.939	2.13 ng/ul	414795	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[c,e]thiepin, 5,7-dihydro-	212	C14H12S	006672-64-6	46
2	2-Thiophenecarboxylic acid, 5-br...	206	C5H3BrO2S	007311-63-9	45
3	Benzo[c]cinnoline, 4,7-dimethyl-	208	C14H12N2	020684-54-2	42
4	Pyridine, 1-acetyl-1,2,3,4-tetra...	208	C12H20N2O	054966-22-2	38
5	Phenanthrene, 2-ethyl-	206	C16H14	003674-74-6	35





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Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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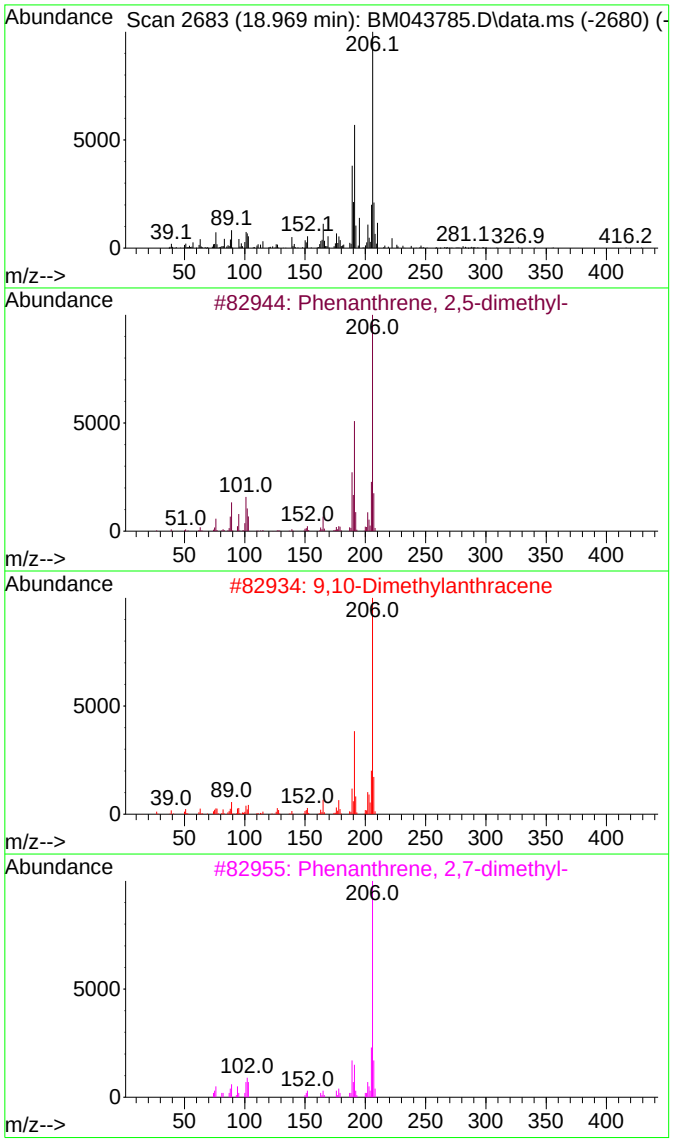
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

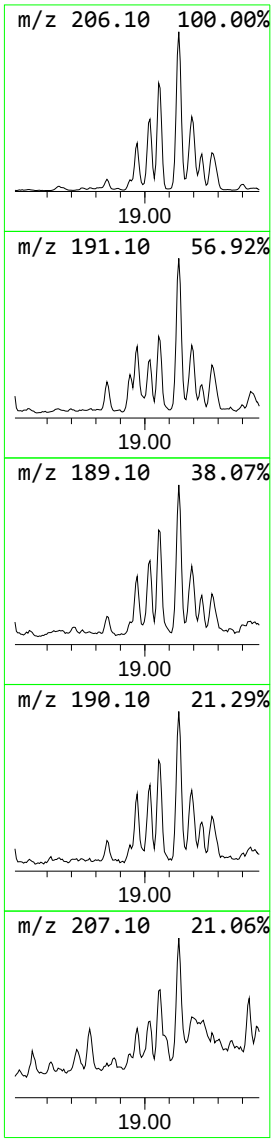
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.968	2.60 ng/ul	506640	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





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Acq On : 06 Jan 2024 06:45
Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA8DL

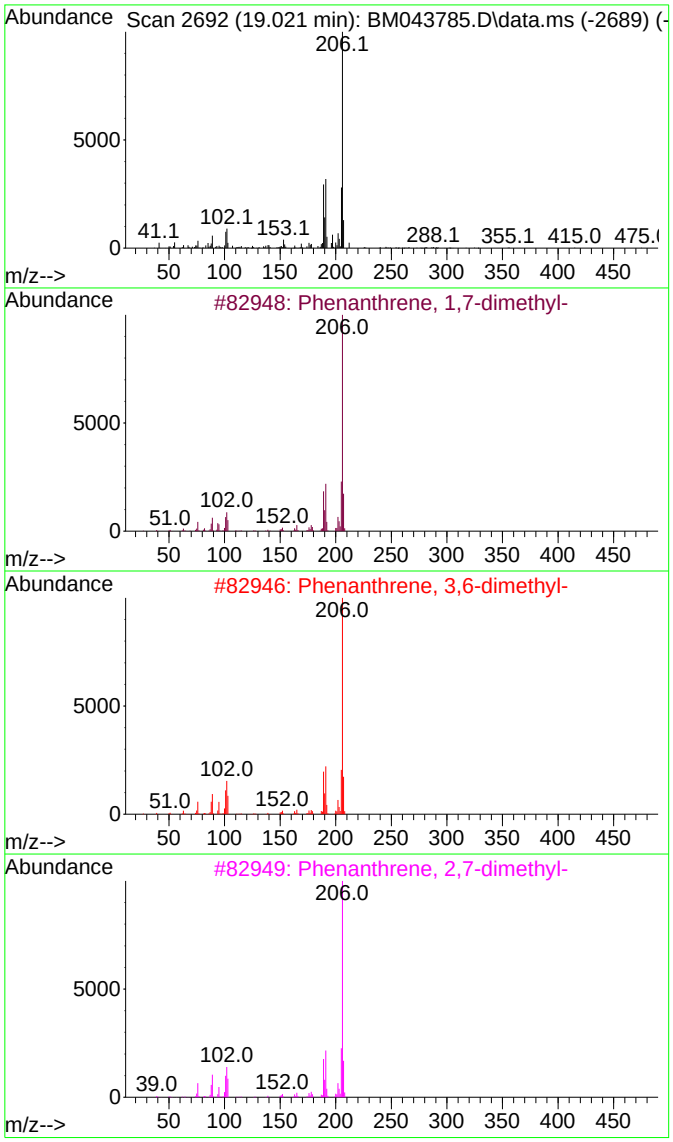
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

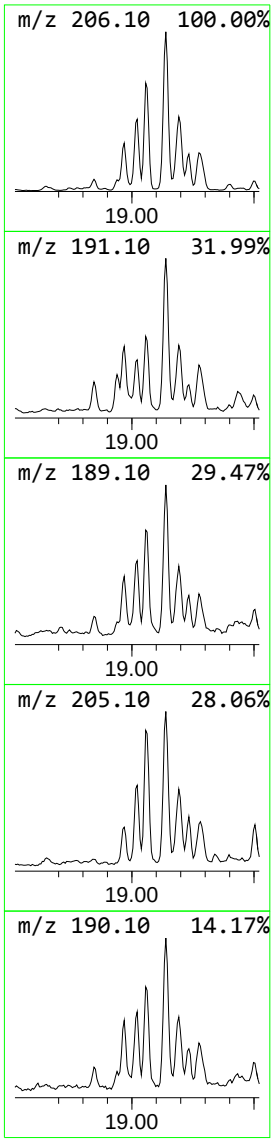
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 1,7-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.022	2.02 ng/ul	393142	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	86





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Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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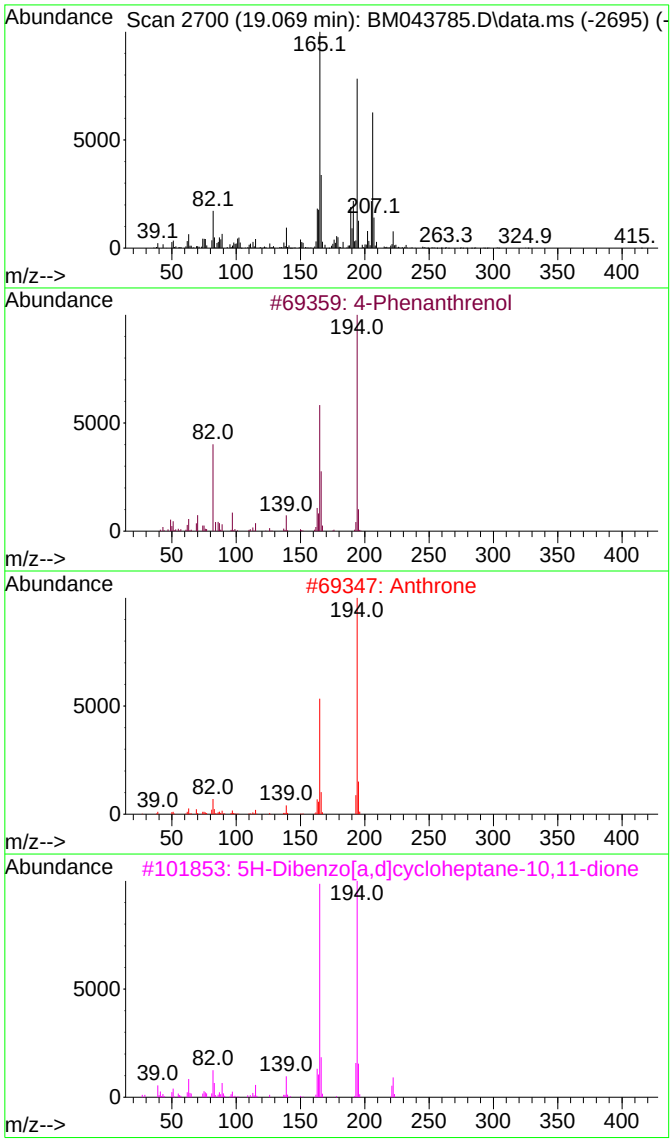
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

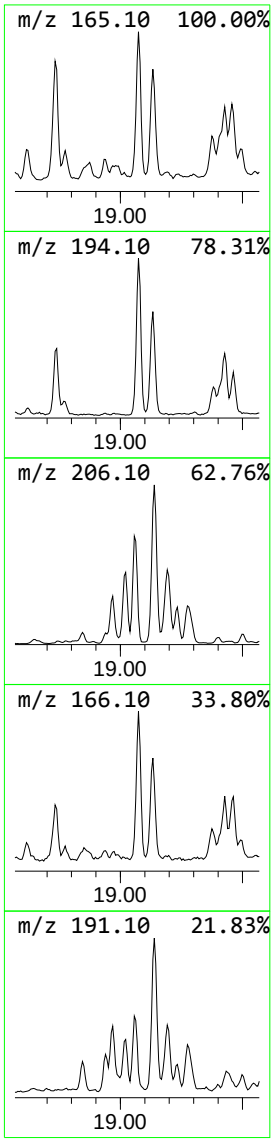
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4-Phenanthrenol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.069	12.38 ng/ul	2411340	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Phenanthrenol	194	C14H10O	007651-86-7	83
2	Anthrone	194	C14H10O	000090-44-8	60
3	5H-Dibenzo[a,d]cycloheptane-10,1...	222	C15H10O2	052559-75-8	60
4	Anthrone	194	C14H10O	000090-44-8	60
5	4-Phenanthrenol	194	C14H10O	007651-86-7	58





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Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GCFA8DL

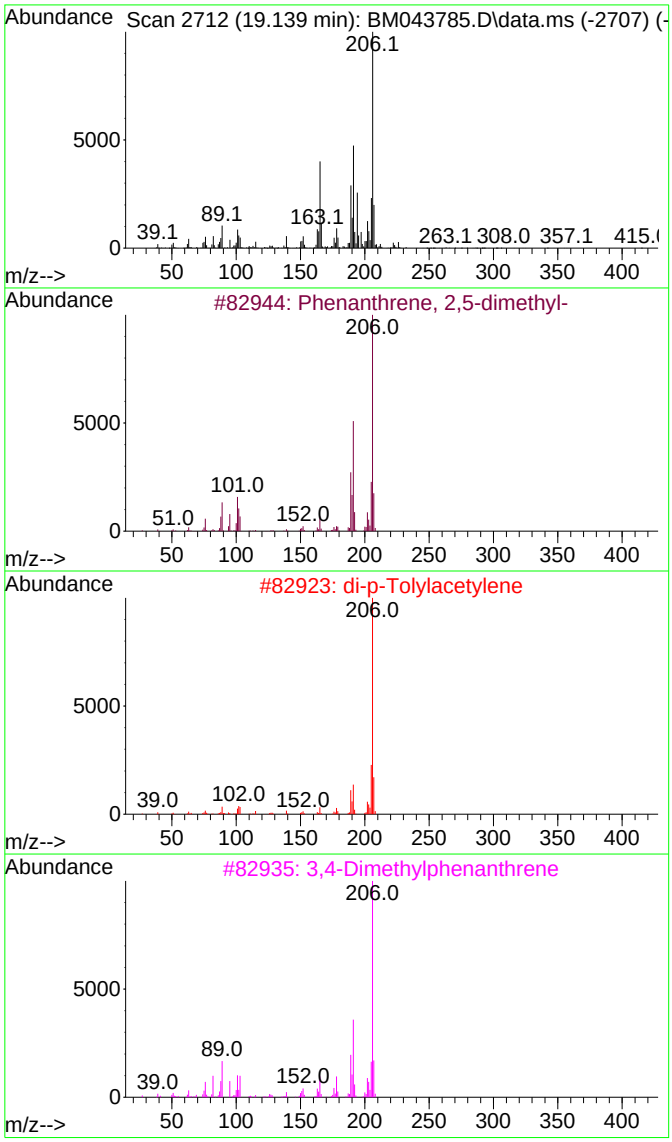
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

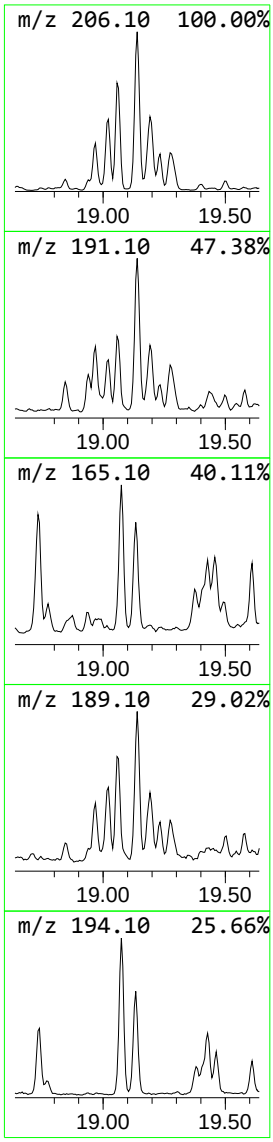
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 di-p-Tolylacetylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.139	13.39 ng/ul	2608400	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	89
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86





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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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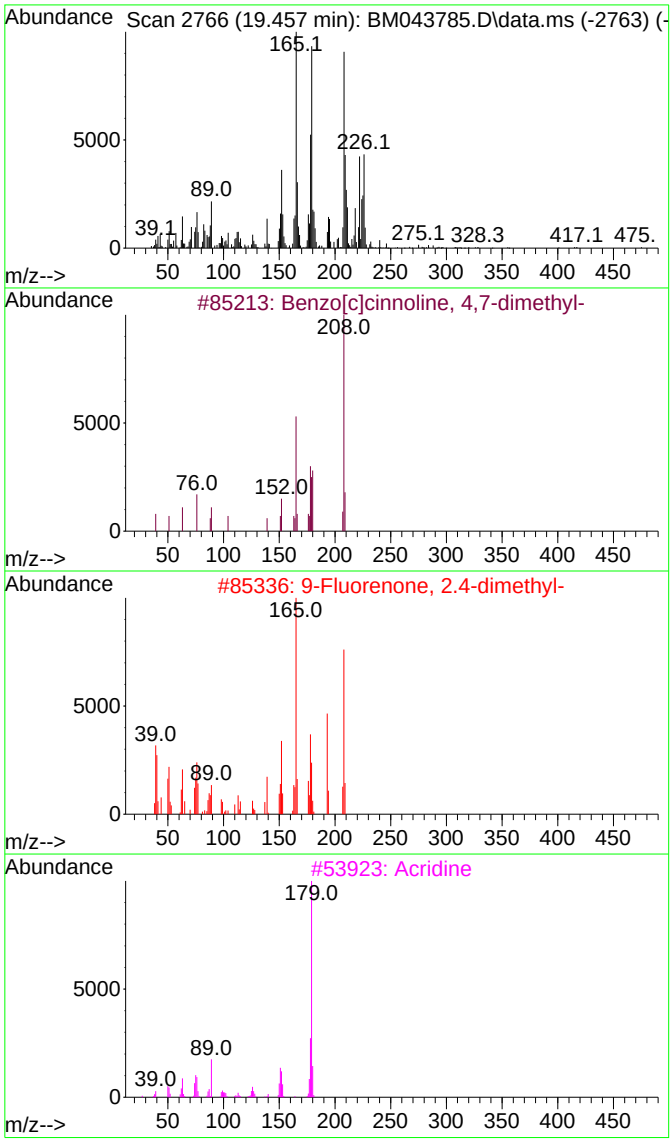
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

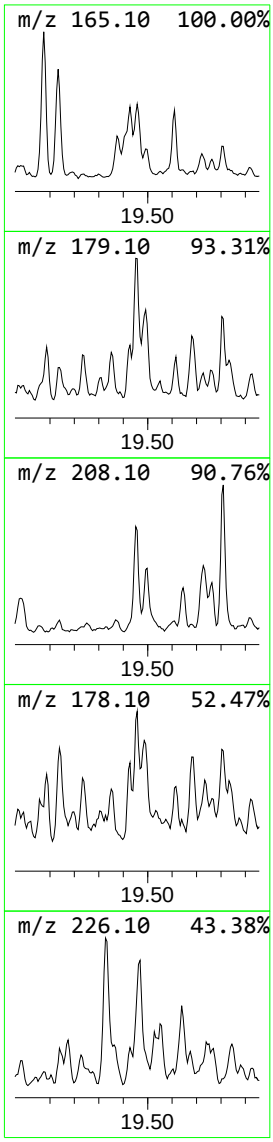
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9-Fluorenone, 2.4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.457	3.08 ng/ul	673550	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]cinnoline, 4,7-dimethyl-	208	C14H12N2	020684-54-2	87
2	9-Fluorenone, 2.4-dimethyl-	208	C15H12O	002928-39-4	64
3	Acridine	179	C13H9N	000260-94-6	53
4	4-Methoxybenzylamine, TMS deriva...	209	C11H19NOSi	054965-03-6	46
5	4-Phenanthrenemethanol	208	C15H12O	022863-79-2	42





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Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

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ClientSampleId :
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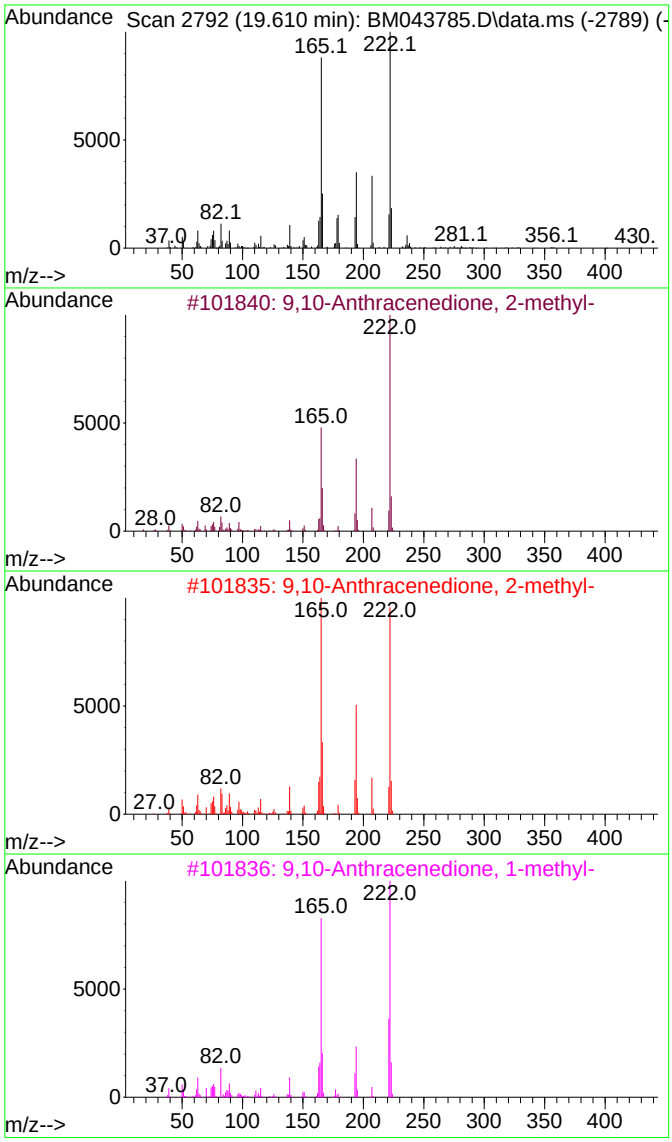
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

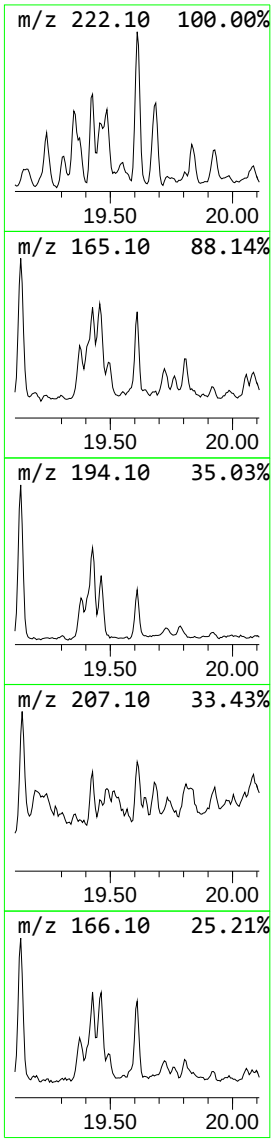
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 9,10-Anthracenedione, 2-met... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.610	2.64 ng/ul	578913	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 2-methyl-	222	C15H10O2	000084-54-8	93
2	9,10-Anthracenedione, 2-methyl-	222	C15H10O2	000084-54-8	90
3	9,10-Anthracenedione, 1-methyl-	222	C15H10O2	000954-07-4	89
4	Phenindione	222	C15H10O2	000083-12-5	87
5	9,10-Anthracenedione, 2-methyl-	222	C15H10O2	000084-54-8	86





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Data File : BM043785.D
Acq On : 06 Jan 2024 06:45
Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA8DL

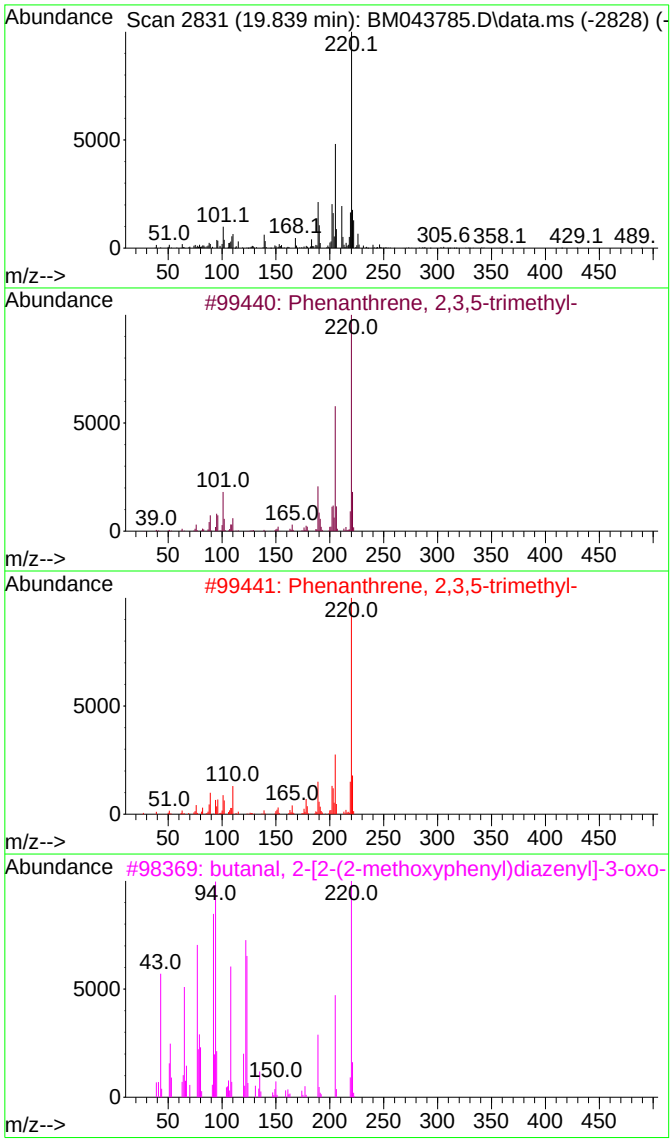
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

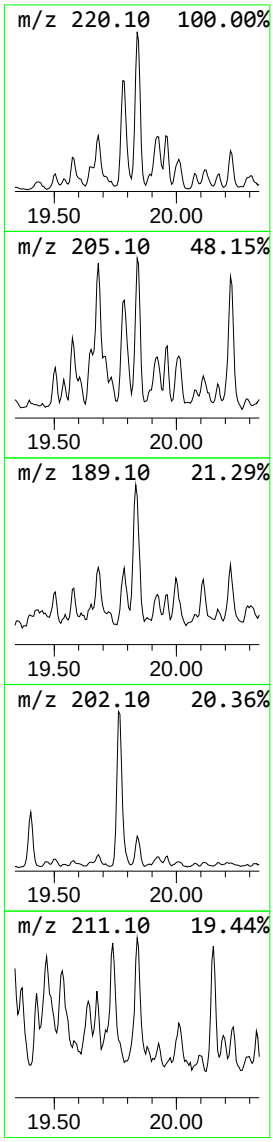
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.839	5.17 ng/ul	1131770	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	76
2	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	76
3	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	59
4	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	53
5	Cyclopropanecarboxylic acid, 1-(...	360	C23H36O3	108546-71-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043785.D
Acq On : 06 Jan 2024 06:45
Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA8DL

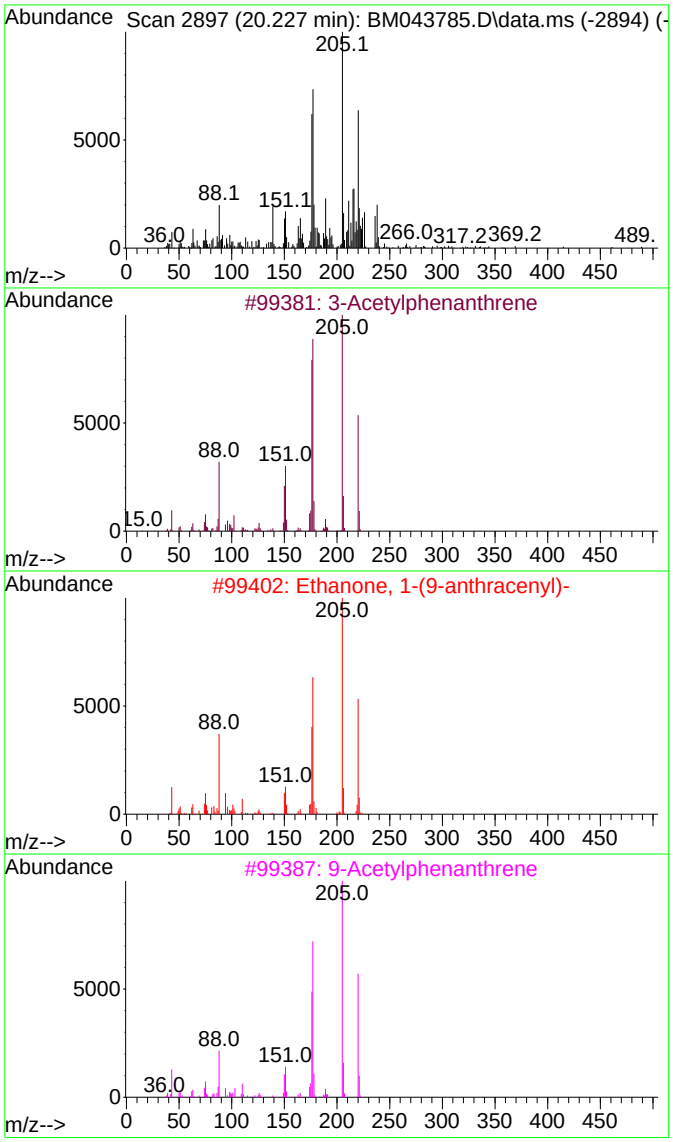
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

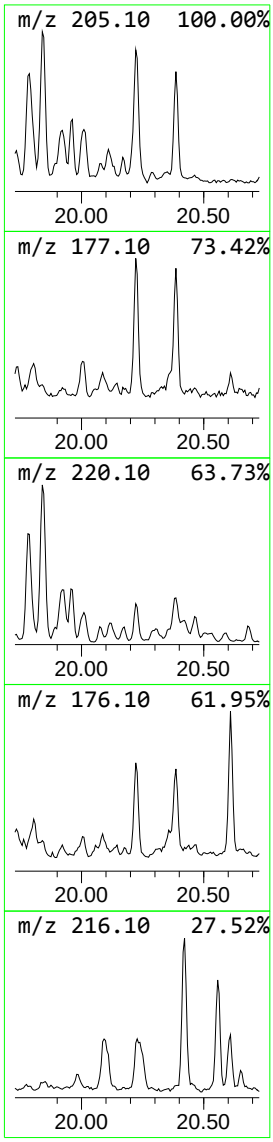
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 3-Acetylphenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.227	3.85 ng/ul	843455	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Acetylphenanthrene	220	C16H12O	002039-76-1	86
2	Ethanone, 1-(9-anthracenyl)-	220	C16H12O	000784-04-3	86
3	9-Acetylphenanthrene	220	C16H12O	002039-77-2	86
4	9-Acetylphenanthrene	220	C16H12O	002039-77-2	86
5	3-Acetylphenanthrene	220	C16H12O	002039-76-1	86





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Data File : BM043785.D
Acq On : 06 Jan 2024 06:45
Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA8DL

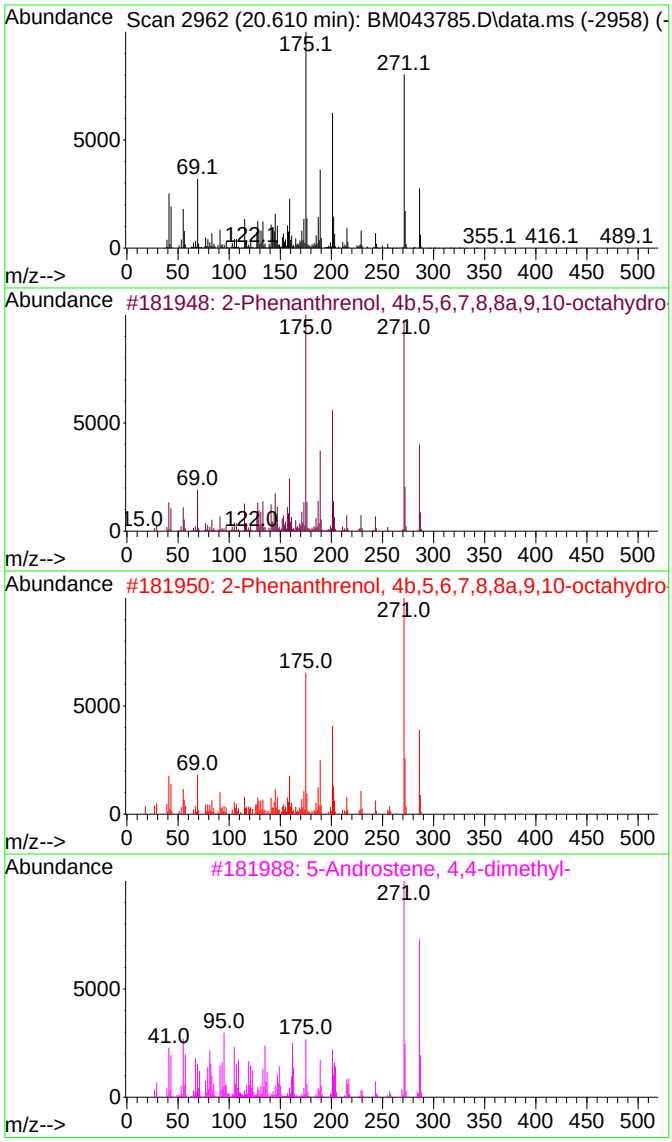
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

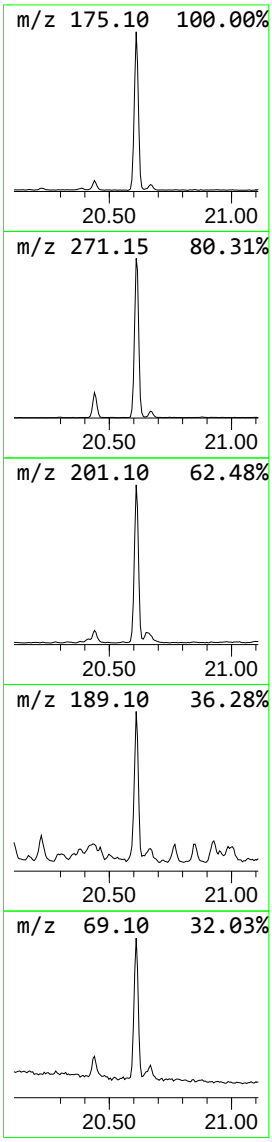
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.610	17.35 ng/ul	3797980	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	99
2	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	86
3	5-Androstene, 4,4-dimethyl-	286	C21H34	1000194-15-4	47
4	Crinan-1-one	271	C16H17NO3	098301-98-5	22
5	2H-Naphtho[2,3-d]-1,2,3-triazole...	271	C18H13N3	1000327-40-5	20





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043785.D
Acq On : 06 Jan 2024 06:45
Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA8DL

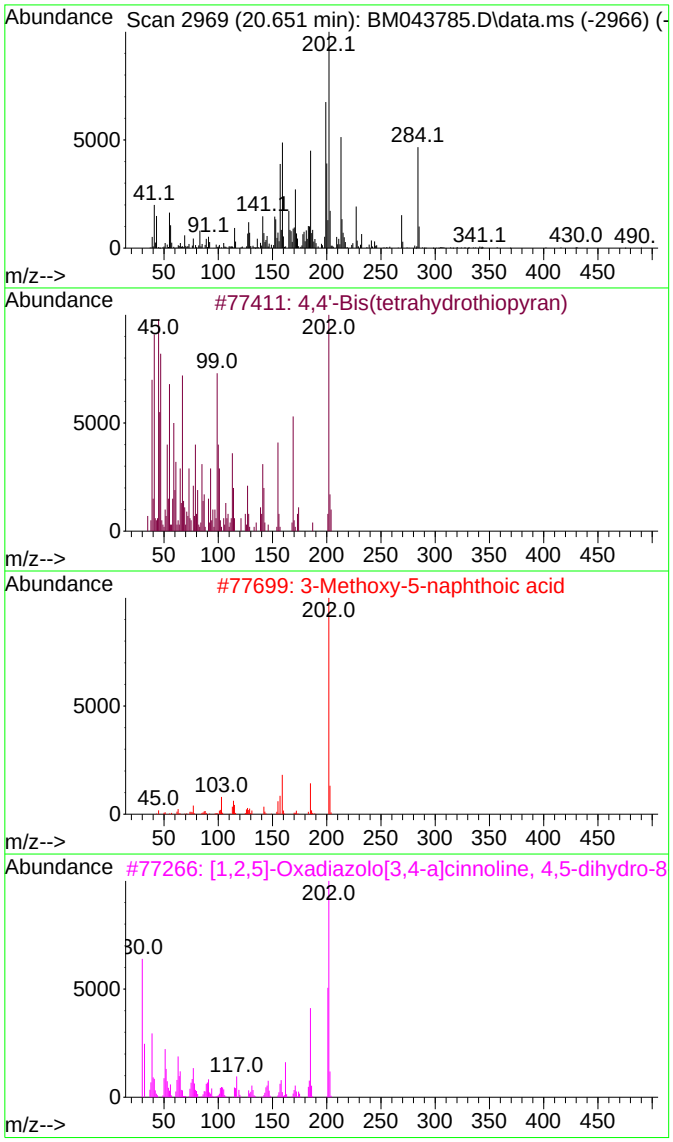
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

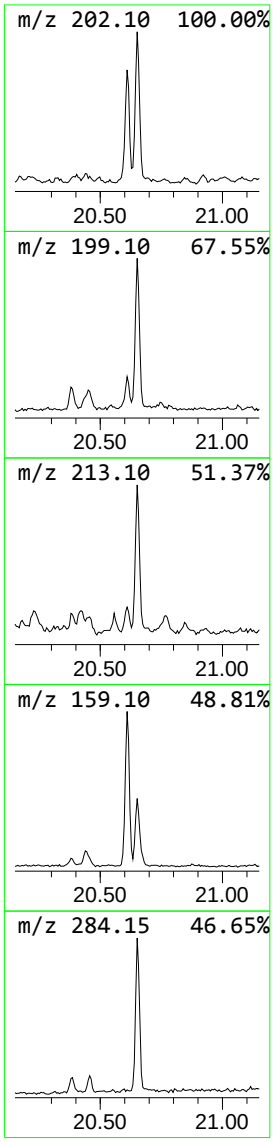
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.651	3.97 ng/ul	868776	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	91
2	3-Methoxy-5-naphthoic acid	202	C12H10O3	007498-58-0	38
3	[1,2,5]-Oxadiazolo[3,4-a]cinnoli...	202	C10H10N4O	1000260-59-4	20
4	5-Hydroxy-3-methyl-1-phenylpyraz...	202	C11H10N2O2	060484-29-9	18
5	cis-7-Carbomethoxy-2-octenedioic...	258	C12H18O6	1010298-82-7	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043785.D
Acq On : 06 Jan 2024 06:45
Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA8DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

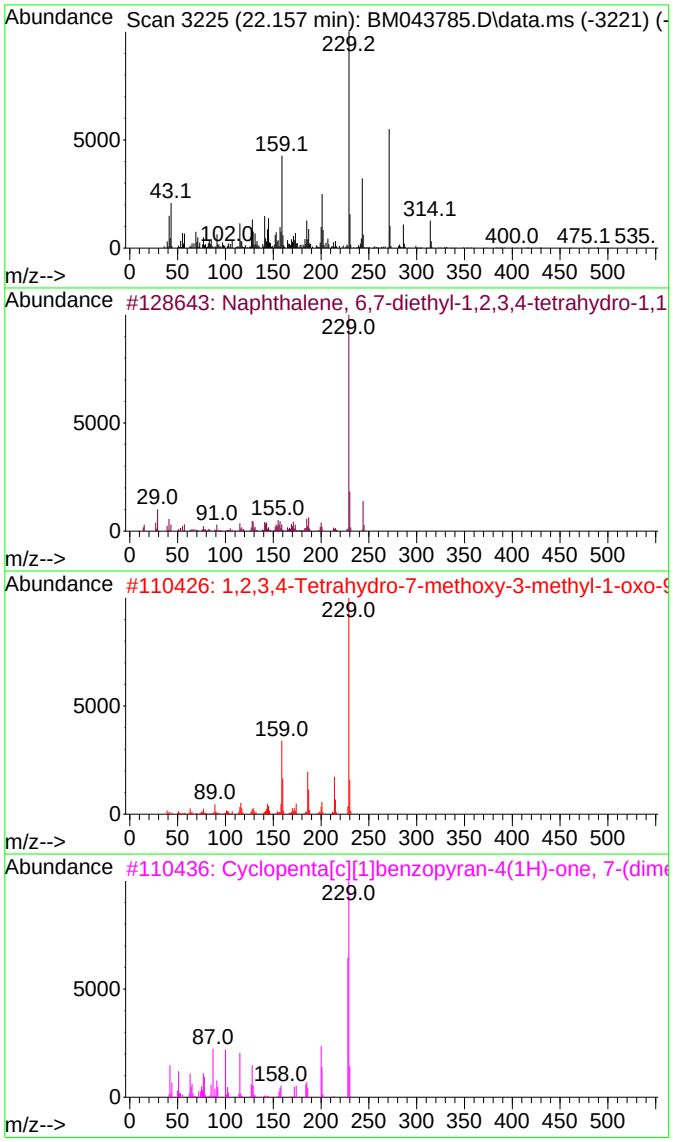
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

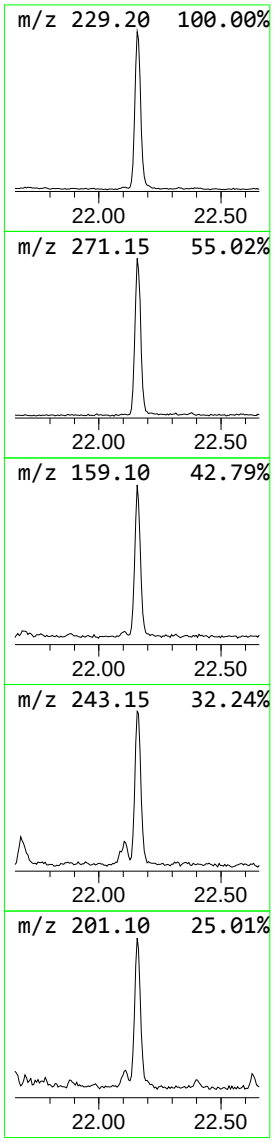
****

Peak Number 24 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.157	5.98 ng/ul	1308630	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 6,7-diethyl-1,2,3,4...	244	C18H28	055741-10-1	49
2	1,2,3,4-Tetrahydro-7-methoxy-3-m...	229	C14H15NO2	032550-51-9	43
3	Cyclopenta[c][1]benzopyran-4(1H)...	229	C14H15NO2	062669-74-3	30
4	Benzo(a)acridine	229	C17H11N	000225-11-6	27
5	N-(3,5-Bis(trifluoromethyl)pheny...	271	C10H7F6NO	016143-84-3	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043785.D
Acq On : 06 Jan 2024 06:45
Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA8DL

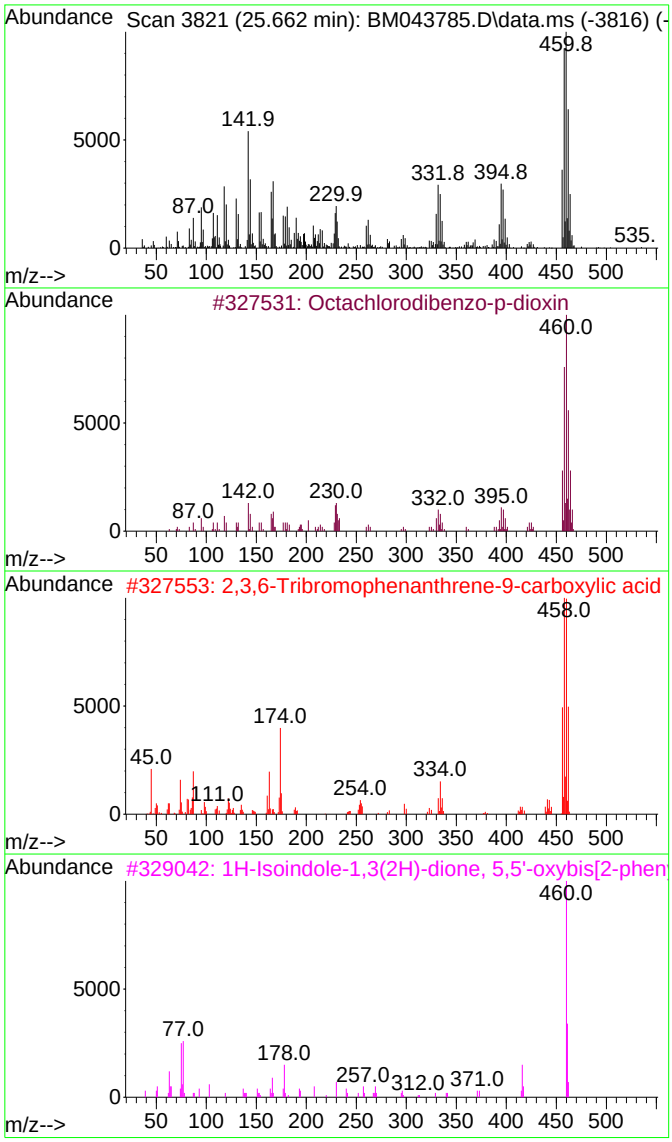
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

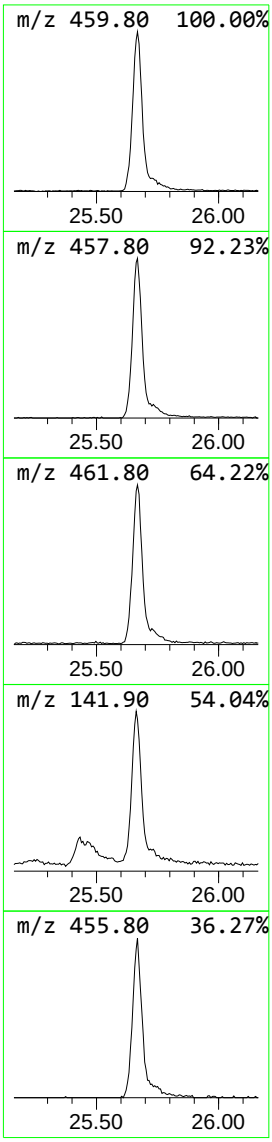
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Octachlorodibenzo-p-dioxin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.662	9.20 ng/ul	2165180	Perylene-d12	23.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octachlorodibenzo-p-dioxin	456	C12Cl8O2	003268-87-9	95
2	2,3,6-Tribromophenanthrene-9-car...	456	C15H7Br3O2	056988-60-4	46
3	1H-Isoindole-1,3(2H)-dione, 5,5'...	460	C28H16N2O5	033734-37-1	9
4	1,1':4',1'':4'',1''':4''',1'''':...	458	C36H26	004499-83-6	9
5	phenol, 4-[4,5-bis[4-(dimethylam...	458	C27H30N4O3	1000399-43-0	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043785.D
Acq On : 06 Jan 2024 06:45
Operator : MA/JU
Sample : 05953-06DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA8DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.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
Longifolene	13.851	8.1	ng/ul	1320940	3	14.592	3263940	20.0
(3R,3aR,7R,8aS)...	13.892	2.4	ng/ul	398397	3	14.592	3263940	20.0
Cyclohexene, 4-...	14.404	2.0	ng/ul	326636	3	14.592	3263940	20.0
(1R,4R,5S)-1,8-...	14.475	3.0	ng/ul	494079	3	14.592	3263940	20.0
Cedrol	15.875	7.2	ng/ul	1180110	3	14.592	3263940	20.0
(DEL) Alkane: S...	17.133	2.5	ng/ul	496700	4	17.345	3896150	20.0
1H-Cyclopropa[l...	18.227	6.1	ng/ul	1182220	4	17.345	3896150	20.0
Phenanthrene, 2...	18.269	5.9	ng/ul	1149360	4	17.345	3896150	20.0
1H-Phenalen-1-one	18.327	2.8	ng/ul	540427	4	17.345	3896150	20.0
1a,9b-Dihydro-1...	18.410	3.5	ng/ul	673384	4	17.345	3896150	20.0
Benzo[c]cinnoli...	18.539	4.9	ng/ul	948084	4	17.345	3896150	20.0
9,10-Anthracene...	18.774	4.3	ng/ul	842430	4	17.345	3896150	20.0
unknown-01	18.939	2.1	ng/ul	414795	4	17.345	3896150	20.0
Phenanthrene, 2...	18.968	2.6	ng/ul	506640	4	17.345	3896150	20.0
Phenanthrene, 1...	19.022	2.0	ng/ul	393142	4	17.345	3896150	20.0
4-Phenanthrenol	19.069	12.4	ng/ul	2411340	4	17.345	3896150	20.0
di-p-Tolylacety...	19.139	13.4	ng/ul	2608400	4	17.345	3896150	20.0
9-Fluorenone, 2...	19.457	3.1	ng/ul	673550	5	21.527	4377490	20.0
9,10-Anthracene...	19.610	2.6	ng/ul	578913	5	21.527	4377490	20.0
Phenanthrene, 2...	19.839	5.2	ng/ul	1131770	5	21.527	4377490	20.0
3-Acetylphenant...	20.227	3.9	ng/ul	843455	5	21.527	4377490	20.0
2-Phenanthrenol...	20.610	17.4	ng/ul	3797980	5	21.527	4377490	20.0
4,4'-Bis(tetrah...	20.651	4.0	ng/ul	868776	5	21.527	4377490	20.0
unknown-02	22.157	6.0	ng/ul	1308630	5	21.527	4377490	20.0
Octachlorodiben...	25.662	9.2	ng/ul	2165180	6	23.945	4705530	20.0