LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062985.D
Acq On : 20 Sep 2024 19:25
Operator : JU/RC
Sample : P3991-02
Misc : GCMS CONFIRMATION
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A0BD0

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_G\Methods\SFAM-EPA-BG091724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG062985.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.164	9	13	15	rBV	90251	90984	7.32%	1.051%
2	3.187	15	17	19	rVV	49845	53488	4.31%	0.618%
3	3.216	19	22	25	rVV	84835	92613	7.45%	1.069%
4	3.252	25	28	37	rVB	484036	525196	42.27%	6.064%
5	3.463	62	64	66	rBV	2840	2977	0.24%	0.034%
6	3.587	83	85	88	rVB3	5119	5270	0.42%	0.061%
7	3.910	138	140	143	rVB	2533	2686	0.22%	0.031%
8	4.057	160	165	171	rBV2	5823	9806	0.79%	0.113%
9	4.168	183	184	188	rBV	2550	2898	0.23%	0.033%
10	4.397	222	223	228	rBV	2120	2629	0.21%	0.030%
11	4.709	273	276	279	rVB2	3233	3192	0.26%	0.037%
12	4.791	288	290	292	rBV2	2849	3122	0.25%	0.036%
13	4.862	300	302	306	rBV2	2064	2662	0.21%	0.031%
14	5.055	333	335	340	rBV2	1914	2785	0.22%	0.032%
15	5.437	397	400	401	rBV2	3186	2775	0.22%	0.032%
16	6.800	630	632	635	rVB2	4329	3909	0.31%	0.045%
17	7.617	768	771	773	rBV2	2830	3022	0.24%	0.035%
18	7.852	804	811	823	rVB2	179797	300416	24.18%	3.469%
19	8.070	843	848	851	rBV2	2590	3908	0.31%	0.045%
20	8.146	857	861	864	rVB2	2320	3365	0.27%	0.039%
21	9.086	1019	1021	1024	rBV	3097	3351	0.27%	0.039%
22	9.145	1028	1031	1034	rBV	2876	3505	0.28%	0.040%
23	9.615	1107	1111	1112	rVB	2989	2690	0.22%	0.031%
24	9.979	1170	1173	1176	rVB	2844	3514	0.28%	0.041%
25	10.502	1260	1262	1265	rVB2	3096	2663	0.21%	0.031%
26	10.643	1278	1286	1292	rBV	229698	400860	32.27%	4.629%
27	11.495	1428	1431	1432	rBV	1979	2592	0.21%	0.030%
28	11.683	1460	1463	1466	rBV2	2392	3155	0.25%	0.036%
29	11.753	1471	1475	1479	rBV	1974	3434	0.28%	0.040%
30	11.977	1509	1513	1516	rBV	2801	3687	0.30%	0.043%
31	12.071	1527	1529	1533	rVB2	4689	5487	0.44%	0.063%
32	12.224	1551	1555	1558	rBV2	2869	4024	0.32%	0.046%
33	12.306	1565	1569	1575	rVB2	7182	11057	0.89%	0.128%
34	12.417	1585	1588	1590	rBV2	3274	2667	0.21%	0.031%
35	12.517	1603	1605	1607	rBV2	6299	4653	0.37%	0.054%
36	13.228	1723	1726	1728	rBV2	3191	4302	0.35%	0.050%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062985.D
Acq On : 20 Sep 2024 19:25
Operator : JU/RC
Sample : P3991-02
Misc : GCMS CONFIRMATION
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0BD0

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_G\Methods\SFAM-EPA-BG091724.MA.M
Title : SVOA CALIBRATION

37	13.287	1732	1736	1739	rBV4	7276	12850	1.03%	0.148%
38	13.645	1794	1797	1798	rBV2	8222	8077	0.65%	0.093%
39	13.810	1820	1825	1829	rBV3	18335	26871	2.16%	0.310%
40	13.863	1831	1834	1839	rVB2	12038	13457	1.08%	0.155%
41	13.974	1851	1853	1858	rBV3	4120	4800	0.39%	0.055%
42	14.209	1890	1893	1897	rBV3	9047	13110	1.06%	0.151%
43	14.386	1921	1923	1928	rVB3	6832	8230	0.66%	0.095%
44	14.486	1930	1940	1946	rBV	392573	606477	48.82%	7.003%
45	14.885	2005	2008	2015	rVB3	31192	50179	4.04%	0.579%
46	15.102	2041	2045	2050	rBV4	13986	24154	1.94%	0.279%
47	15.537	2114	2119	2124	rBV2	59081	100093	8.06%	1.156%
48	15.620	2131	2133	2135	rBV2	4594	3845	0.31%	0.044%
49	15.837	2165	2170	2176	rVB	29906	52161	4.20%	0.602%
50	15.978	2190	2194	2195	rBV2	26940	33953	2.73%	0.392%
51	17.235	2403	2408	2412	rBV	486714	738939	59.48%	8.532%
52	17.276	2412	2415	2421	rVB	445068	618179	49.76%	7.138%
53	18.111	2553	2557	2561	rBV	101342	150718	12.13%	1.740%
54	18.164	2562	2566	2571	rVB	137288	200592	16.15%	2.316%
55	18.310	2586	2591	2595	rBV2	135132	234000	18.84%	2.702%
56	19.039	2710	2715	2719	rBV	64406	112577	9.06%	1.300%
57	19.298	2754	2759	2766	rVB	644463	903748	72.75%	10.435%
58	19.627	2811	2815	2817	rBV2	123576	173955	14.00%	2.009%
59	19.732	2830	2833	2839	rVB2	54093	87756	7.06%	1.013%
60	20.155	2901	2905	2909	rVB2	257549	360634	29.03%	4.164%
61	20.255	2918	2922	2926	rBV	159176	195615	15.75%	2.259%
62	20.426	2948	2951	2956	rVB3	91052	107624	8.66%	1.243%
63	21.313	3100	3102	3106	rBV5	30451	30215	2.43%	0.349%
64	21.489	3124	3132	3136	rBV2	593491	1242334	100.00%	14.345%
65	24.527	3641	3649	3662	rVB	348219	965919	77.75%	11.153%

Sum of corrected areas: 8660406

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062985.D
Acq On : 20 Sep 2024 19:25
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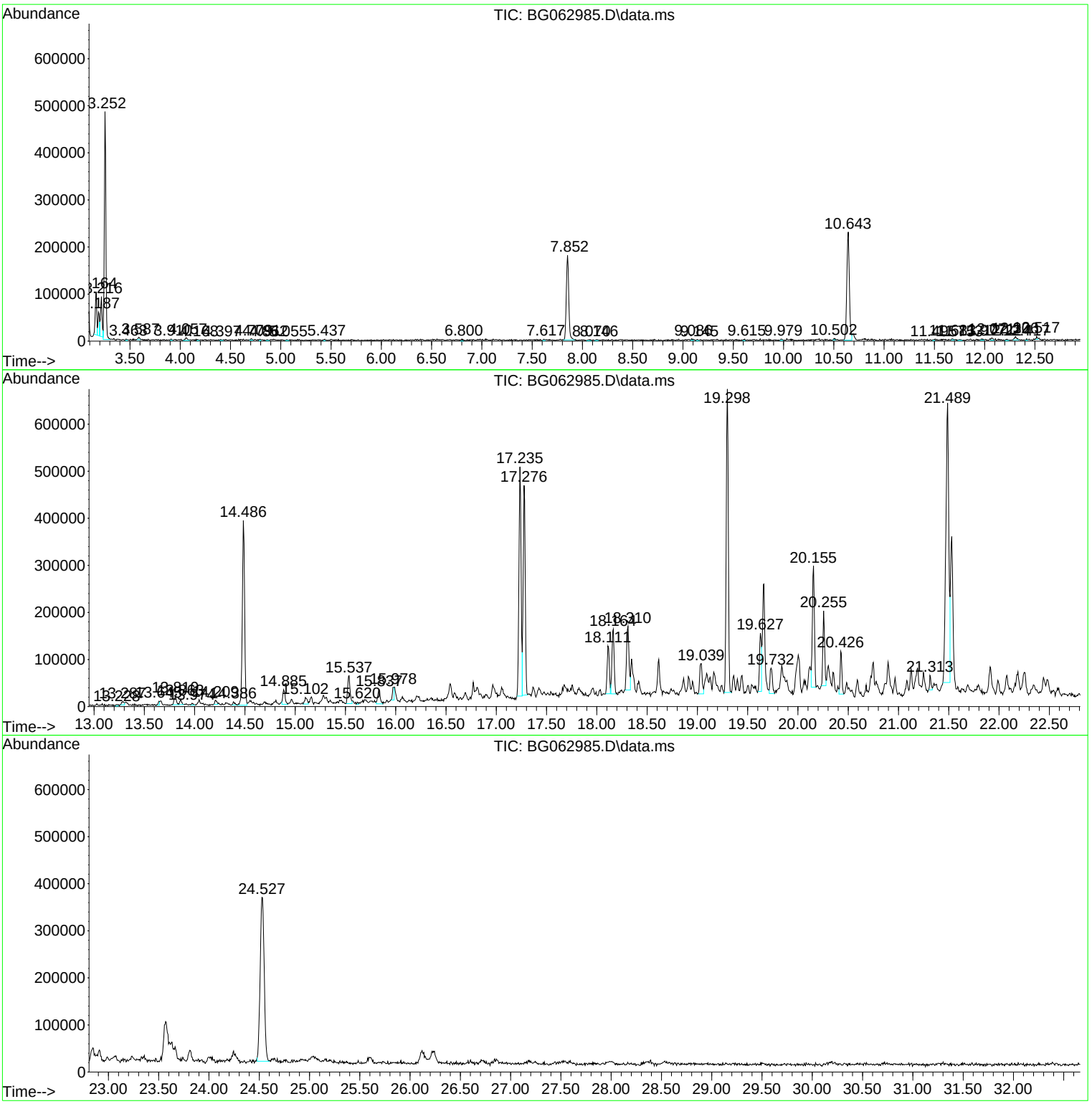
Sample : P3991-02
Misc : GCMS CONFIRMATION
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A0BD0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062985.D
Acq On : 20 Sep 2024 19:25
Operator : JU/RC
Sample : P3991-02
Misc : GCMS CONFIRMATION
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A0BD0

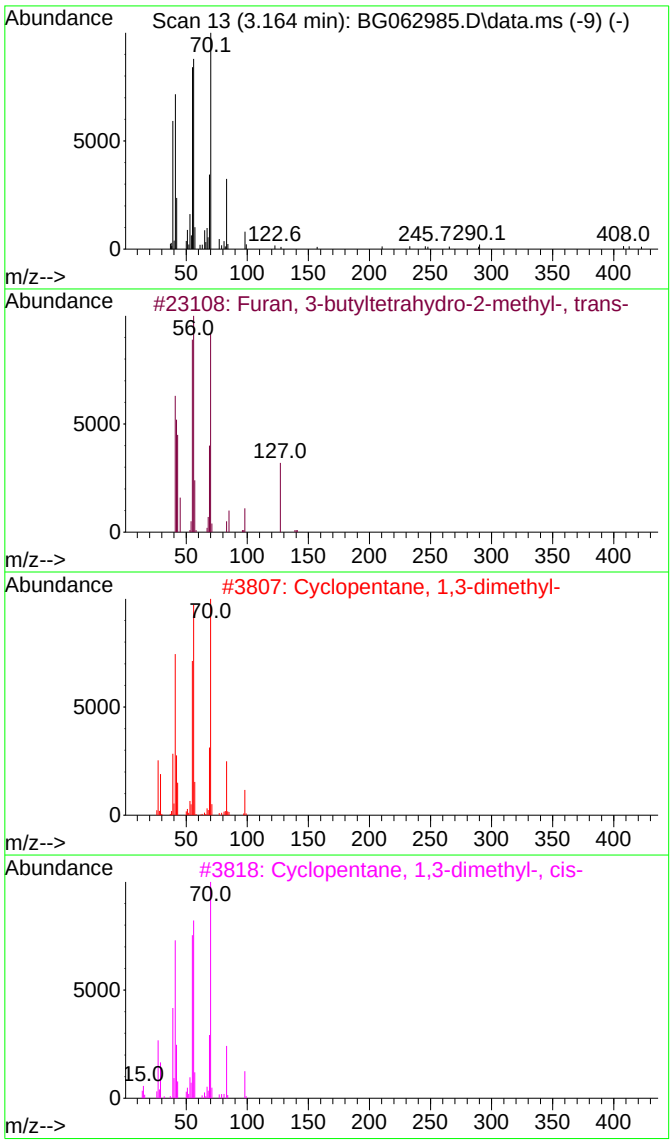
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION

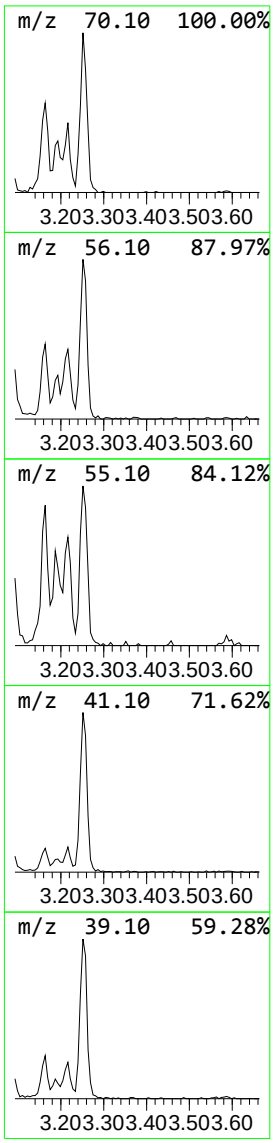
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Furan, 3-butyltetrahydro-2-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.164	6.06 ng/ul	90984	1,4-Dichlorobenzene-d4	7.852

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 3-butyltetrahydro-2-methy...	142	C9H18O	036712-20-6	78
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	72
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	72
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	68
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062985.D
Acq On : 20 Sep 2024 19:25
Operator : JU/RC
Sample : P3991-02
Misc : GCMS CONFIRMATION
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A0BD0

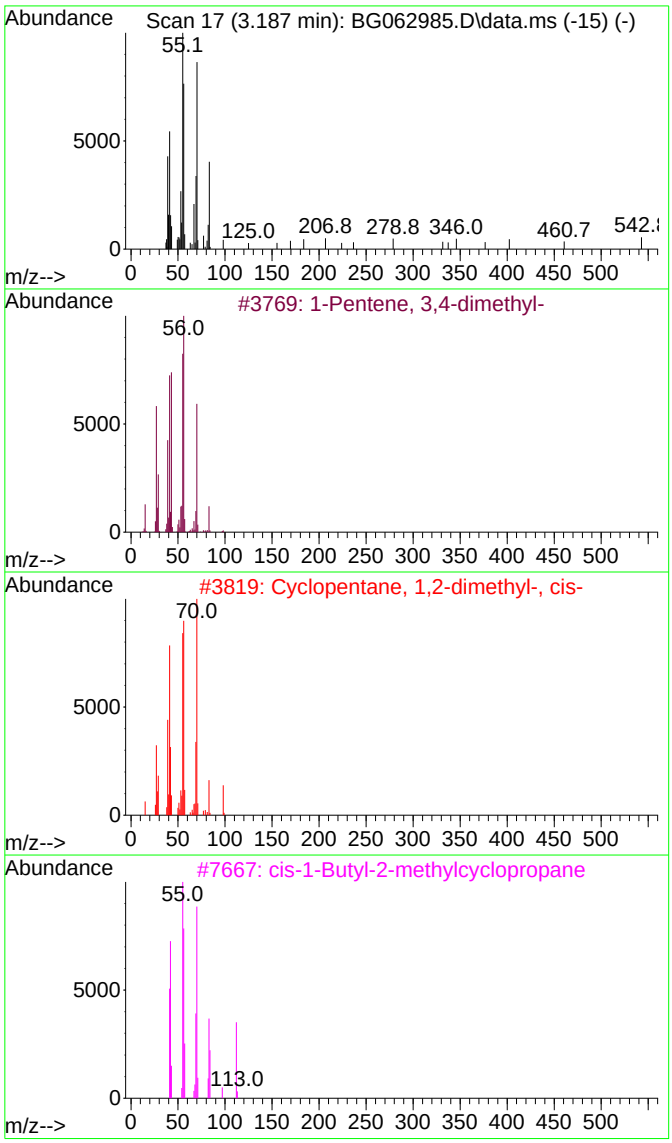
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION

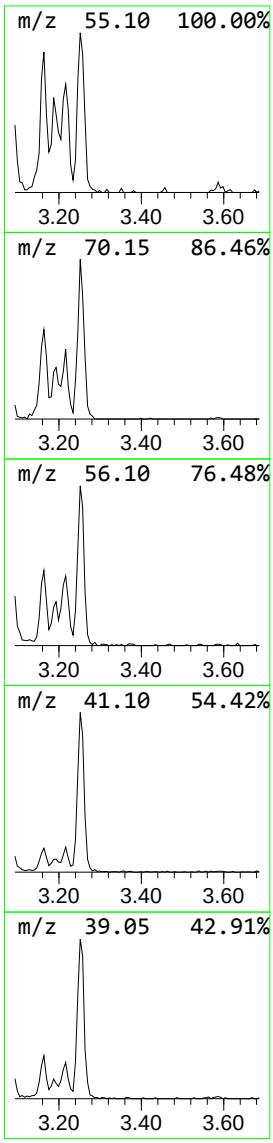
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.187	3.56 ng/ul	53488	1,4-Dichlorobenzene-d4	7.852

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3,4-dimethyl-	98	C7H14	007385-78-6	64
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	50
3	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	50
4	Octane, 3-chloro-	148	C8H17Cl	001117-79-9	50
5	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062985.D
Acq On : 20 Sep 2024 19:25
Operator : JU/RC
Sample : P3991-02
Misc : GCMS CONFIRMATION
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A0BD0

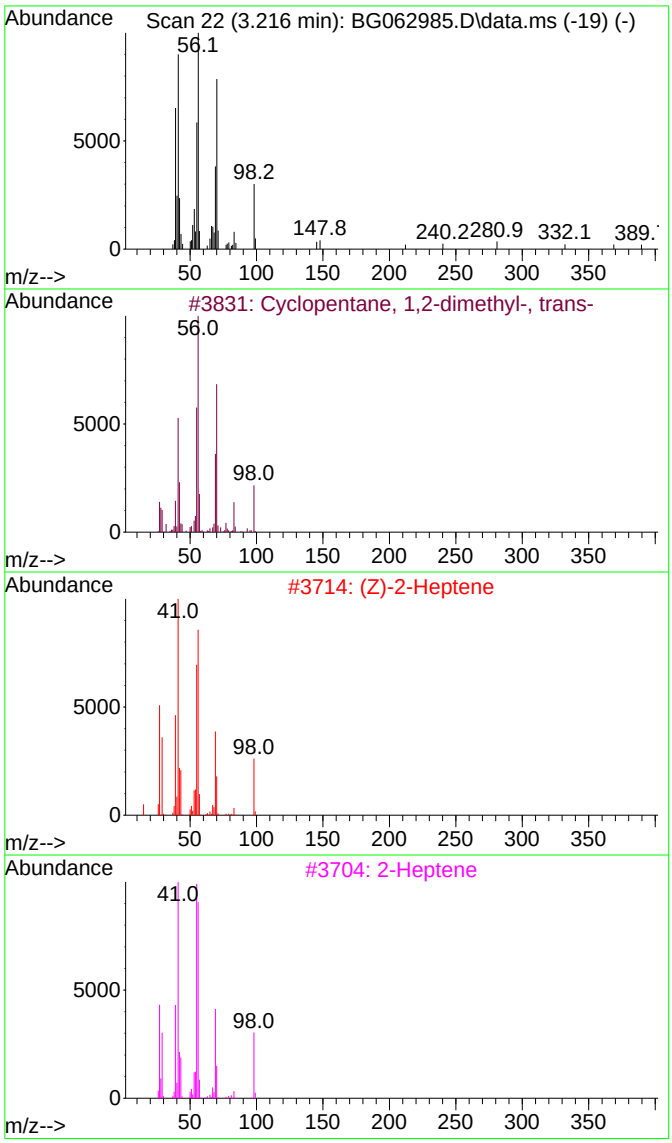
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION

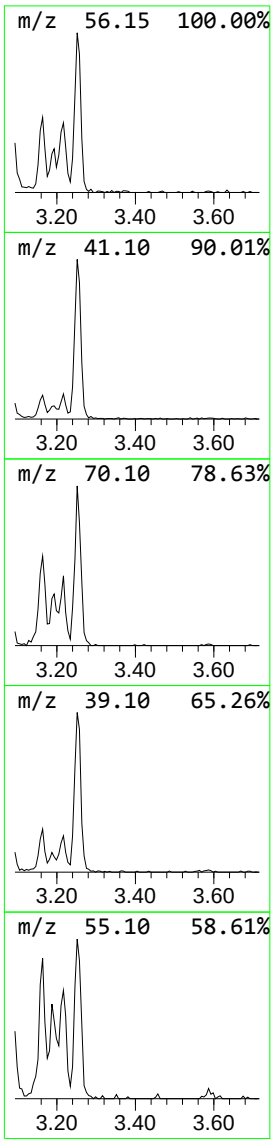
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic3.216 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.216	6.17 ng/ul	92613	1,4-Dichlorobenzene-d4	7.852

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	68
2	(Z)-2-Heptene	98	C7H14	006443-92-1	52
3	2-Heptene	98	C7H14	000592-77-8	52
4	1-Heptene	98	C7H14	000592-76-7	47
5	(Z)-2-Heptene	98	C7H14	006443-92-1	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062985.D
Acq On : 20 Sep 2024 19:25
Operator : JU/RC
Sample : P3991-02
Misc : GCMS CONFIRMATION
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A0BD0

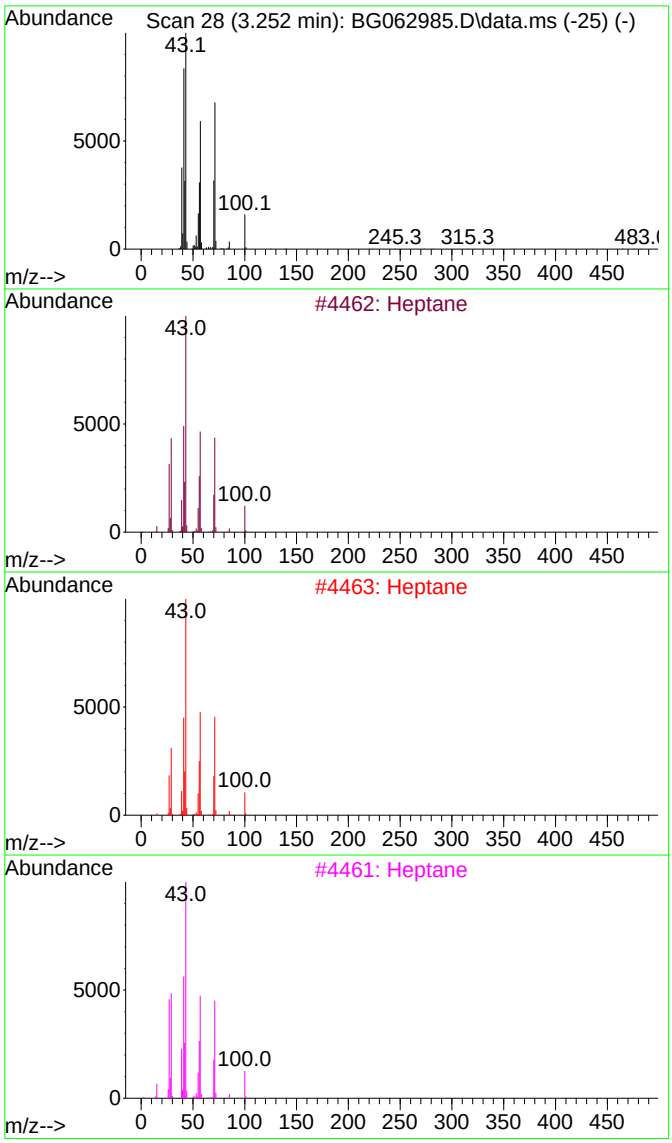
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION

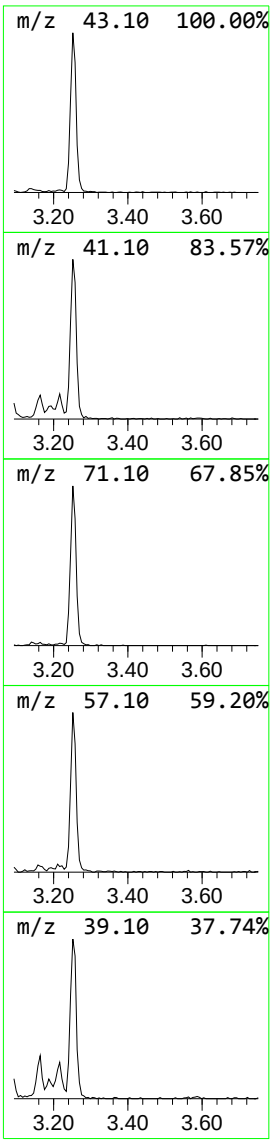
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.252	34.96 ng/ul	525196	1,4-Dichlorobenzene-d4	7.852

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	83
2	Heptane	100	C7H16	000142-82-5	81
3	Heptane	100	C7H16	000142-82-5	80
4	Heptane	100	C7H16	000142-82-5	74
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062985.D
Acq On : 20 Sep 2024 19:25
Operator : JU/RC
Sample : P3991-02
Misc : GCMS CONFIRMATION
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A0BD0

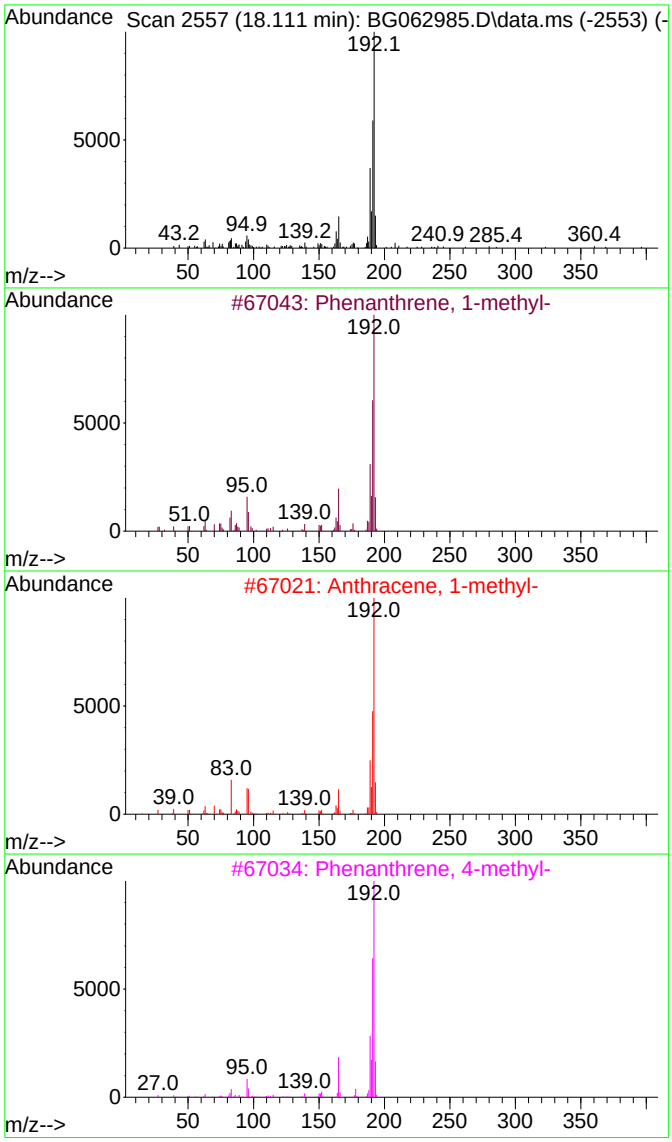
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION

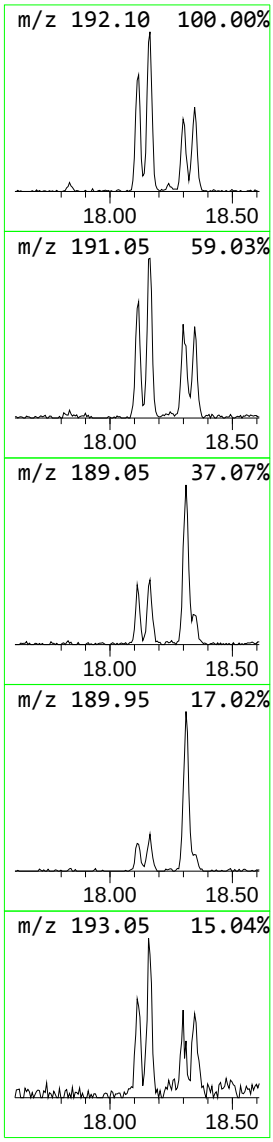
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.111	4.08 ng/ul	150718	Phenanthrene-d10	17.235

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062985.D
Acq On : 20 Sep 2024 19:25
Operator : JU/RC
Sample : P3991-02
Misc : GCMS CONFIRMATION
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A0BD0

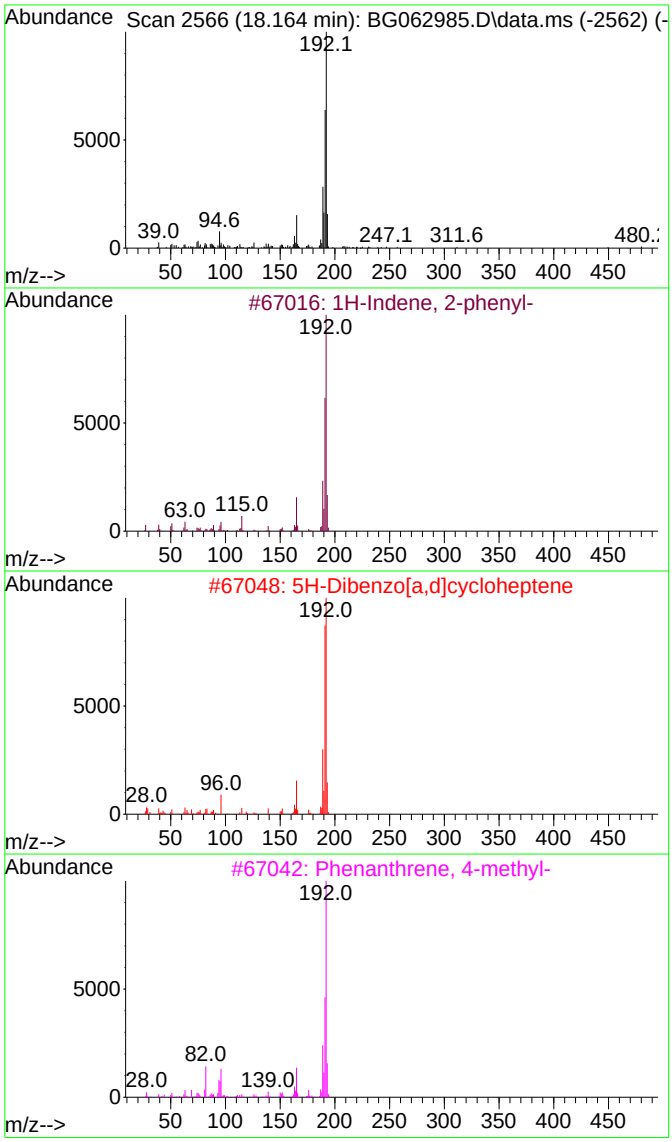
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION

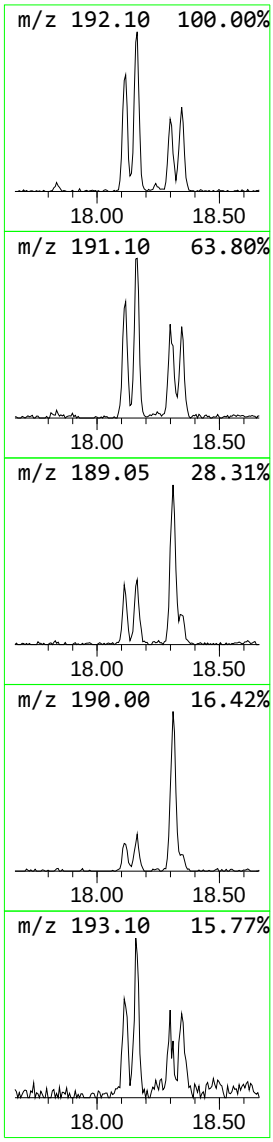
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.164	5.43 ng/ul	200592	Phenanthrene-d10	17.235

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062985.D
Acq On : 20 Sep 2024 19:25
Operator : JU/RC
Sample : P3991-02
Misc : GCMS CONFIRMATION
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A0BD0

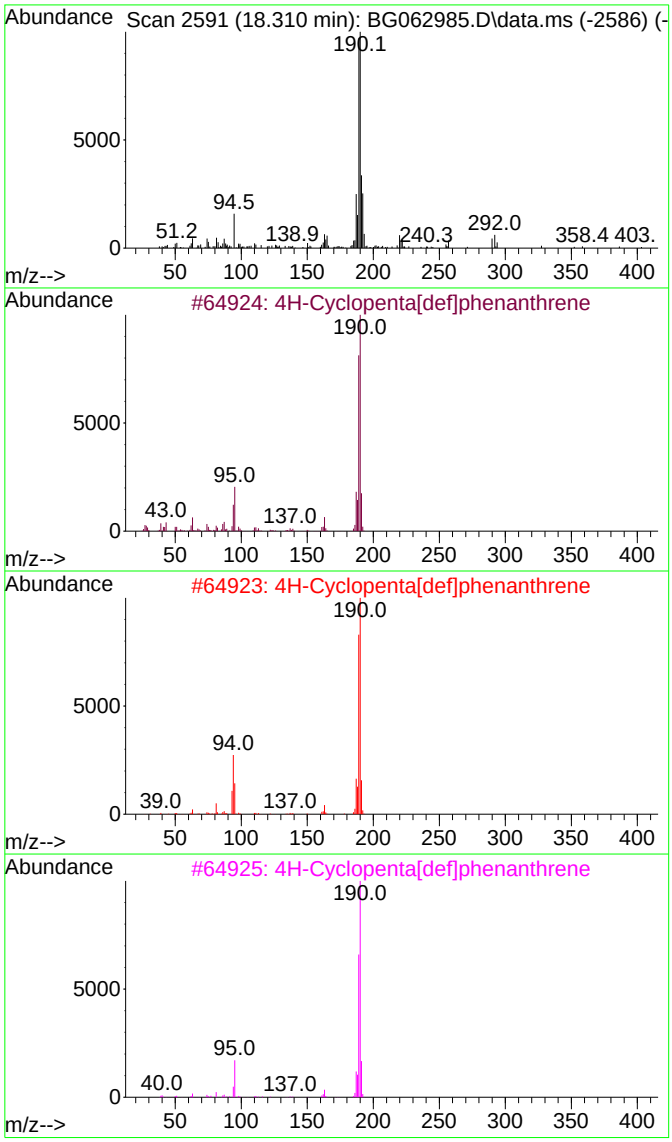
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION

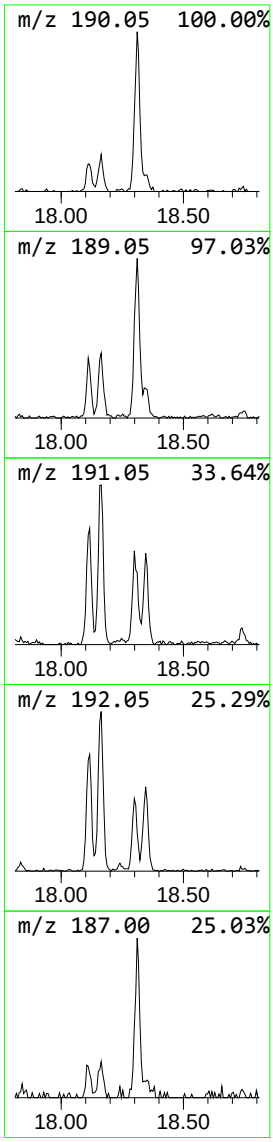
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.311	6.33 ng/ul	234000	Phenanthrene-d10	17.235

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Data File : BG062985.D
Acq On : 20 Sep 2024 19:25
Operator : JU/RC
Sample : P3991-02
Misc : GCMS CONFIRMATION
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A0BD0

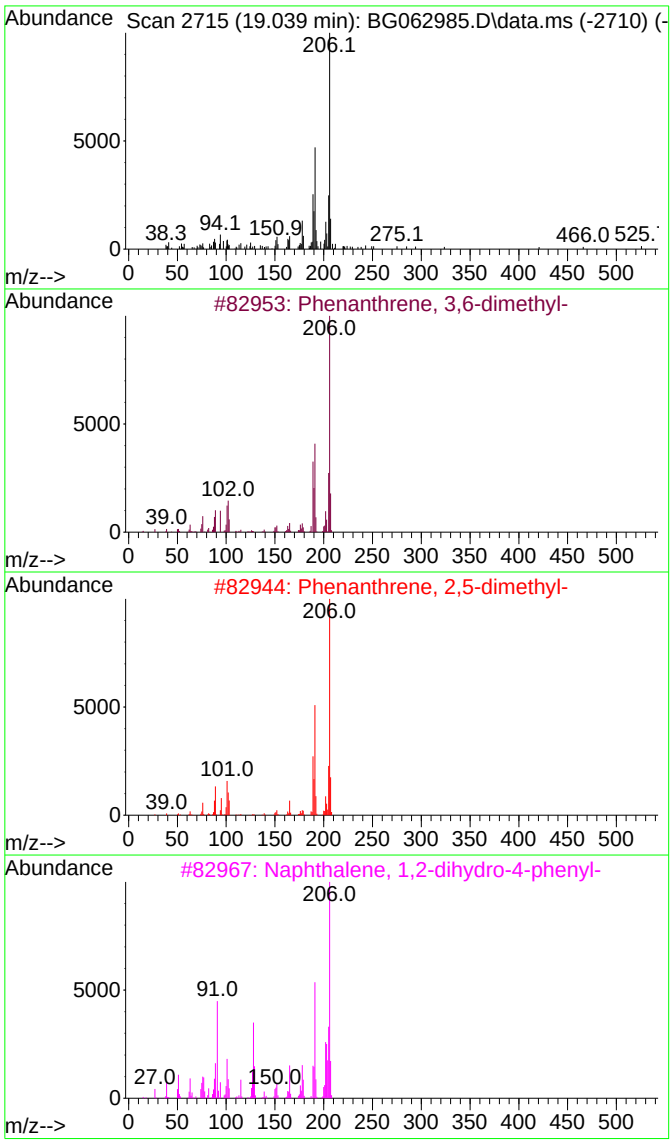
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION

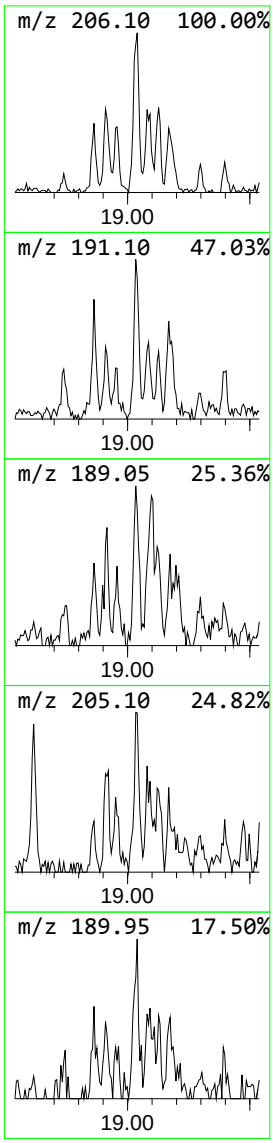
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.039	3.05 ng/ul	112577	Phenanthrene-d10	17.235

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062985.D
Acq On : 20 Sep 2024 19:25
Operator : JU/RC
Sample : P3991-02
Misc : GCMS CONFIRMATION
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A0BD0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION

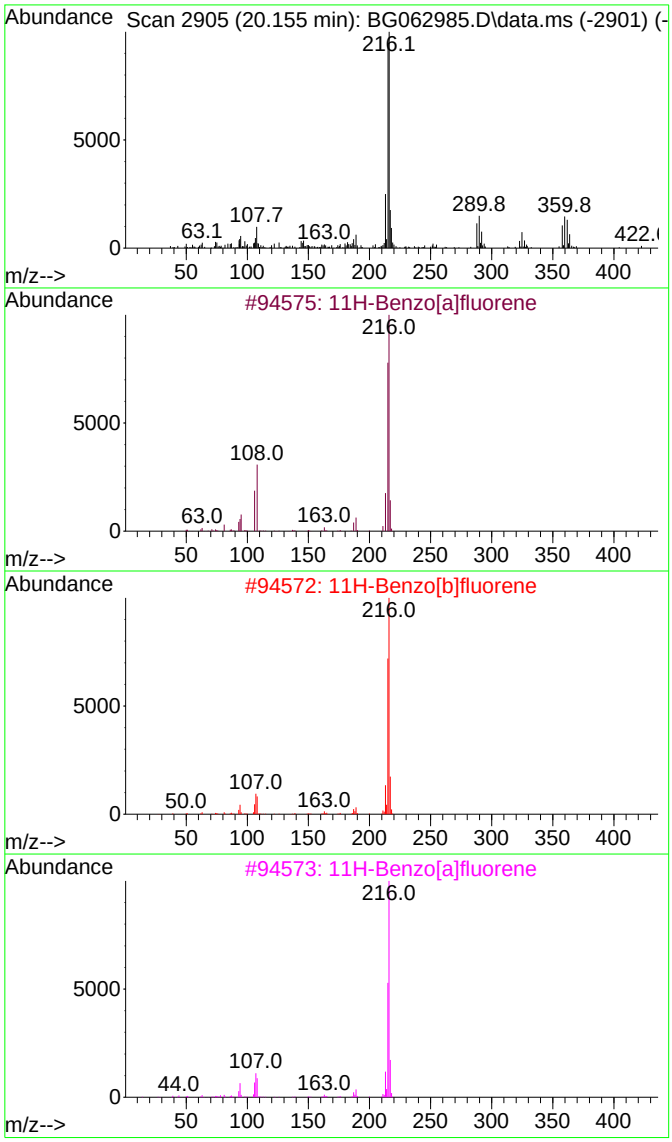
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

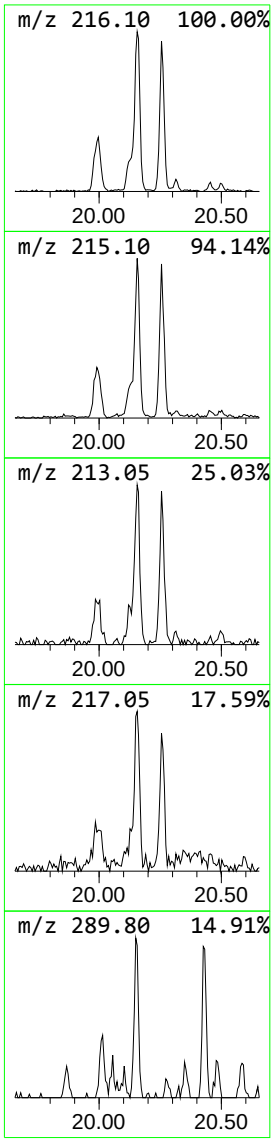
****

Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.155	5.81 ng/ul	360634	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	62
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	55
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	53
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062985.D
Acq On : 20 Sep 2024 19:25
Operator : JU/RC
Sample : P3991-02
Misc : GCMS CONFIRMATION
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A0BD0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION

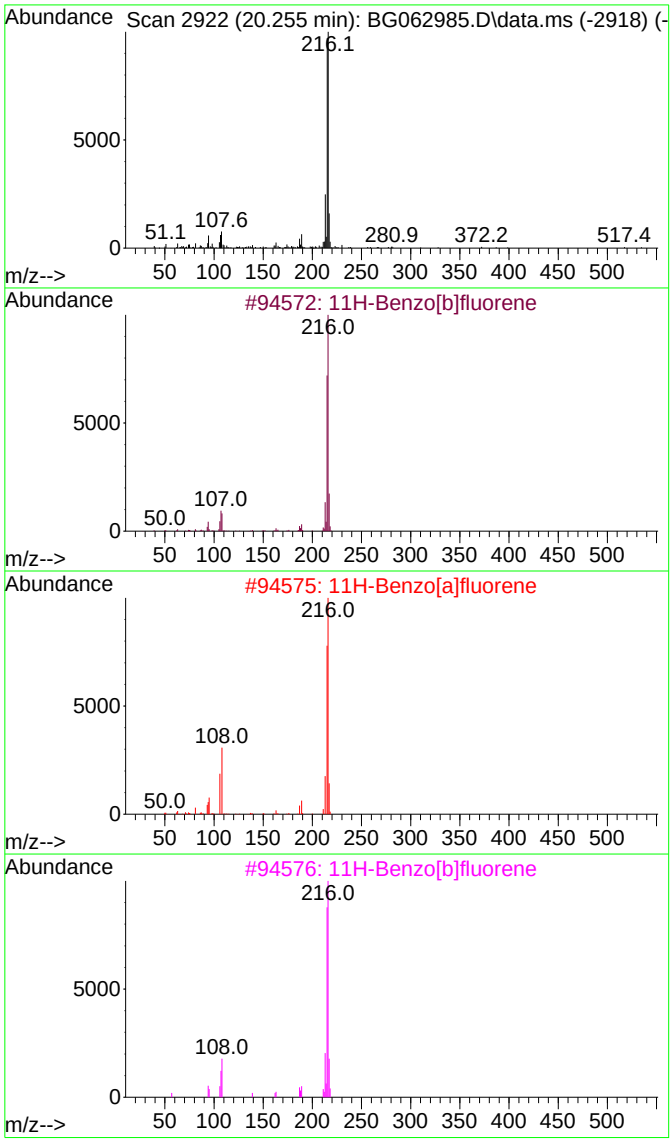
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

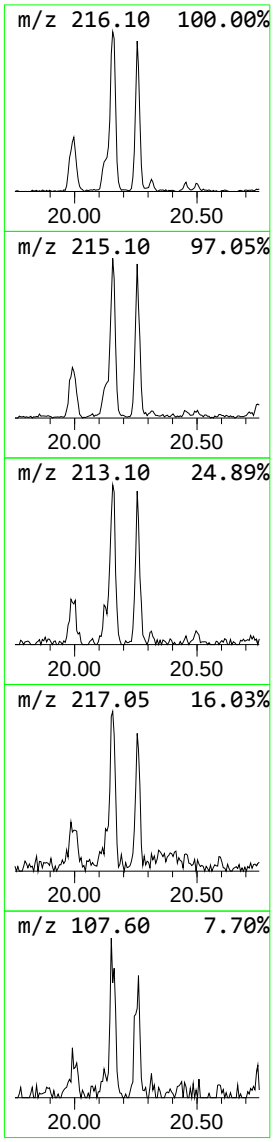
****

Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.255	3.15 ng/ul	195615	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062985.D
Acq On : 20 Sep 2024 19:25
Operator : JU/RC
Sample : P3991-02
Misc : GCMS CONFIRMATION
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A0BD0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.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
Furan, 3-butylt...	3.164	6.1	ng/ul	90984	1	7.852	300416	20.0
(DEL) Alkane: S...	3.187	3.6	ng/ul	53488	1	7.852	300416	20.0
(DEL) Alkane: C...	3.216	6.2	ng/ul	92613	1	7.852	300416	20.0
(DEL) Alkane: S...	3.252	35.0	ng/ul	525196	1	7.852	300416	20.0
Phenanthrene, 1...	18.111	4.1	ng/ul	150718	4	17.235	738939	20.0
1H-Indene, 2-ph...	18.164	5.4	ng/ul	200592	4	17.235	738939	20.0
4H-Cyclopenta[d...	18.311	6.3	ng/ul	234000	4	17.235	738939	20.0
Phenanthrene, 3...	19.039	3.0	ng/ul	112577	4	17.235	738939	20.0
11H-Benzo[a]flu...	20.155	5.8	ng/ul	360634	5	21.489	1242330	20.0
11H-Benzo[b]flu...	20.255	3.1	ng/ul	195615	5	21.489	1242330	20.0