LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049561.D
Acq On : 31 Jan 2025 17:15
Operator : RC/JU
Sample : Q1190-02DL 30X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A44S3DL

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-BM012825.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM049561.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.745	636	639	641	rBV4	6325	8142	0.11%	0.020%
2	6.869	656	660	666	rBV6	7541	13450	0.17%	0.033%
3	7.075	691	695	700	rBV2	12139	18565	0.24%	0.045%
4	7.522	764	771	782	rBV	651053	1046630	13.56%	2.556%
5	8.028	850	857	858	rBV7	9592	17899	0.23%	0.044%
6	8.275	894	899	905	rVB5	6996	12768	0.17%	0.031%
7	8.351	905	912	920	rBV2	18340	44173	0.57%	0.108%
8	8.675	963	967	971	rVV5	7393	9352	0.12%	0.023%
9	8.728	973	976	980	rVB6	4761	7979	0.10%	0.019%
10	9.386	1083	1088	1093	rBV8	7619	15348	0.20%	0.037%
11	9.945	1178	1183	1184	rBV5	7534	7829	0.10%	0.019%
12	10.286	1234	1241	1247	rBV	863144	1454356	18.84%	3.552%
13	10.333	1247	1249	1258	rVB	52165	77203	1.00%	0.189%
14	10.457	1267	1270	1275	rVB7	4587	8259	0.11%	0.020%
15	11.157	1384	1389	1392	rBV5	4060	8358	0.11%	0.020%
16	11.957	1515	1525	1532	rBV2	29015	61381	0.80%	0.150%
17	12.180	1558	1563	1572	rBV	24912	46565	0.60%	0.114%
18	12.998	1698	1702	1706	rBV3	13177	20675	0.27%	0.050%
19	13.198	1731	1736	1739	rBV4	11485	21511	0.28%	0.053%
20	13.333	1755	1759	1760	rBV4	10894	14593	0.19%	0.036%
21	13.480	1779	1784	1791	rBV3	32689	68517	0.89%	0.167%
22	13.539	1791	1794	1798	rVV2	19718	29219	0.38%	0.071%
23	13.586	1799	1802	1808	rVV	21641	33723	0.44%	0.082%
24	13.727	1822	1826	1829	rBV3	14764	22788	0.30%	0.056%
25	13.863	1844	1849	1850	rBV	34818	52720	0.68%	0.129%
26	13.886	1850	1853	1860	rVB	61472	104086	1.35%	0.254%
27	14.169	1895	1901	1907	rBV	1417499	2061810	26.71%	5.036%
28	14.233	1907	1912	1920	rVB	208179	319186	4.13%	0.780%
29	14.574	1965	1970	1978	rBV	107144	173445	2.25%	0.424%
30	15.168	2068	2071	2075	rVB	39906	53520	0.69%	0.131%
31	15.221	2076	2080	2089	rVB	217787	333432	4.32%	0.814%
32	15.521	2129	2131	2140	rVB	59411	97339	1.26%	0.238%
33	15.910	2194	2197	2203	rVB4	39161	59599	0.77%	0.146%
34	16.586	2308	2312	2318	rBV	94680	144291	1.87%	0.352%
35	16.745	2335	2339	2343	rBV	141038	196634	2.55%	0.480%
36	16.927	2365	2370	2373	rBV	1698517	2381807	30.85%	5.817%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049561.D
Acq On : 31 Jan 2025 17:15
Operator : RC/JU
Sample : Q1190-02DL 30X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S3DL

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-BM012825.MA.M
Title : SVOA CALIBRATION

37	16.968	2373	2377	2382	rVB	2785527	3673795	47.59%	8.973%
38	17.057	2388	2392	2398	rVB	737835	1032120	13.37%	2.521%
39	17.339	2437	2440	2450	rVB	213779	320142	4.15%	0.782%
40	17.804	2515	2519	2522	rBV	360526	448656	5.81%	1.096%
41	17.851	2523	2527	2533	rVB	520596	705062	9.13%	1.722%
42	17.933	2538	2541	2546	rVB	210967	303602	3.93%	0.742%
43	17.998	2547	2552	2556	rBV2	673534	1166392	15.11%	2.849%
44	18.309	2602	2605	2609	rBV	254244	332272	4.30%	0.812%
45	18.998	2717	2722	2727	rBV	5734661	7720285	100.00%	18.856%
46	19.339	2776	2780	2781	rBV2	1088402	1426163	18.47%	3.483%
47	19.362	2781	2784	2790	rVB	3955172	5249867	68.00%	12.822%
48	21.150	3084	3088	3094	rBV2	2985118	6503424	84.24%	15.884%
49	21.209	3095	3098	3104	rVB	2236757	3014281	39.04%	7.362%

Sum of corrected areas: 40943213

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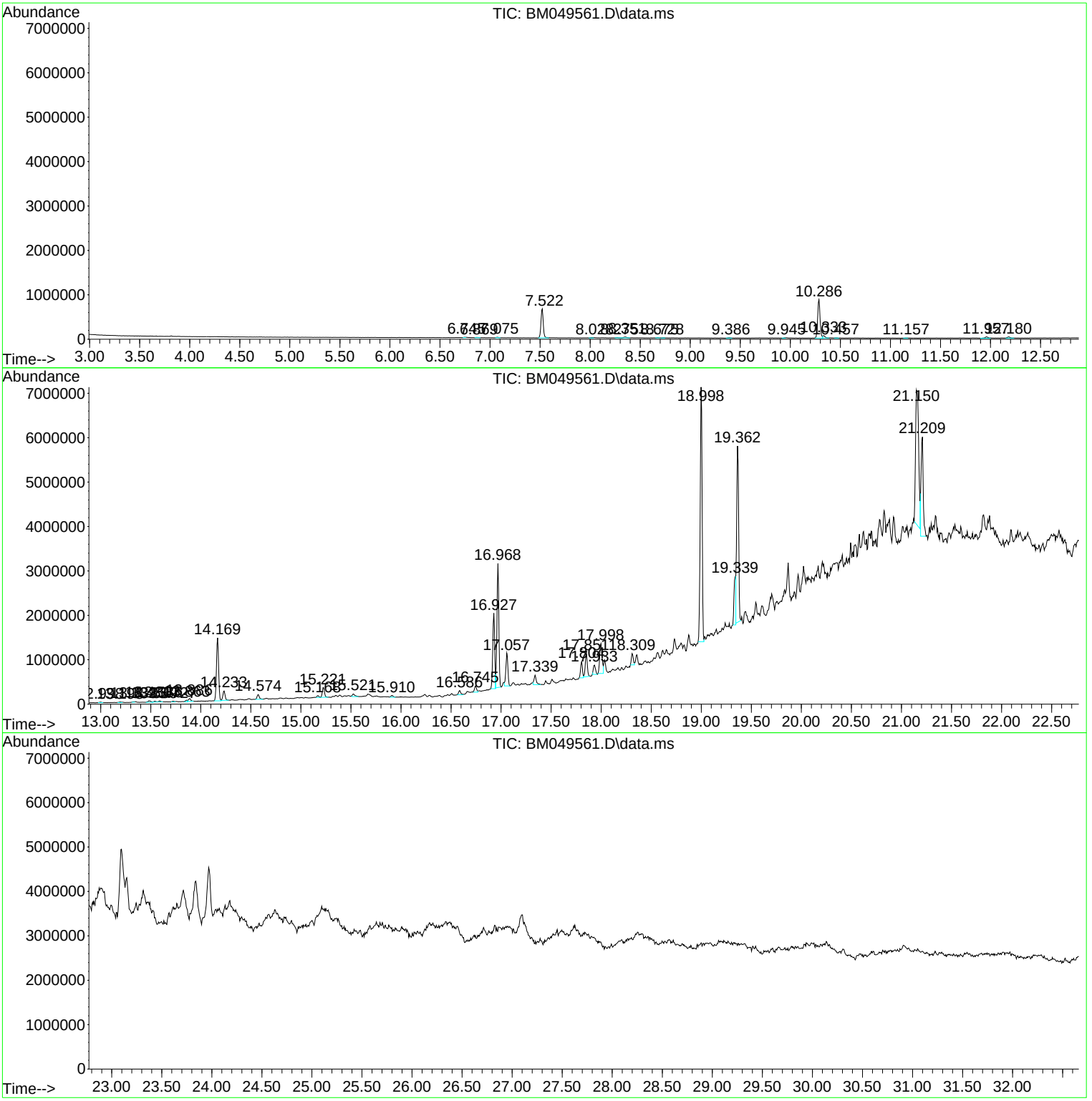
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S3DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.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\BM013025\
Data File : BM049561.D
Acq On : 31 Jan 2025 17:15
Operator : RC/JU
Sample : Q1190-02DL 30X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S3DL

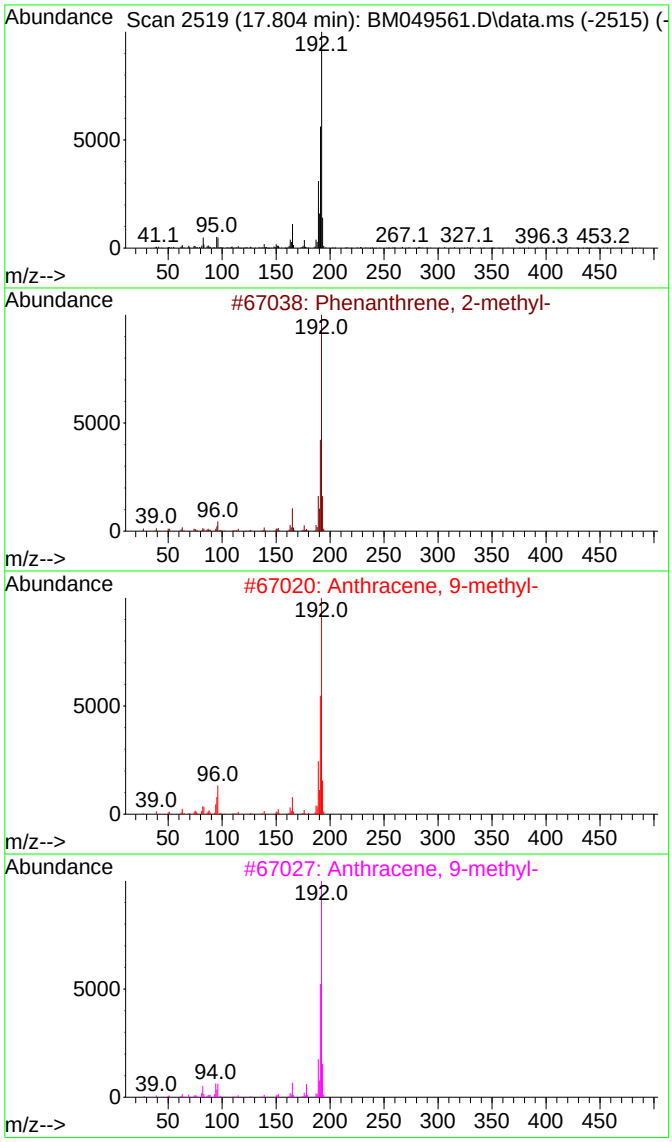
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

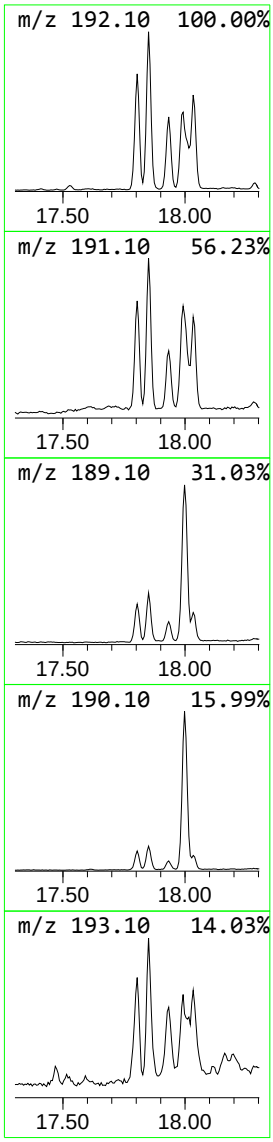
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.804	3.77 ng/ul	448656	Phenanthrene-d10	16.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049561.D
Acq On : 31 Jan 2025 17:15
Operator : RC/JU
Sample : Q1190-02DL 30X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S3DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

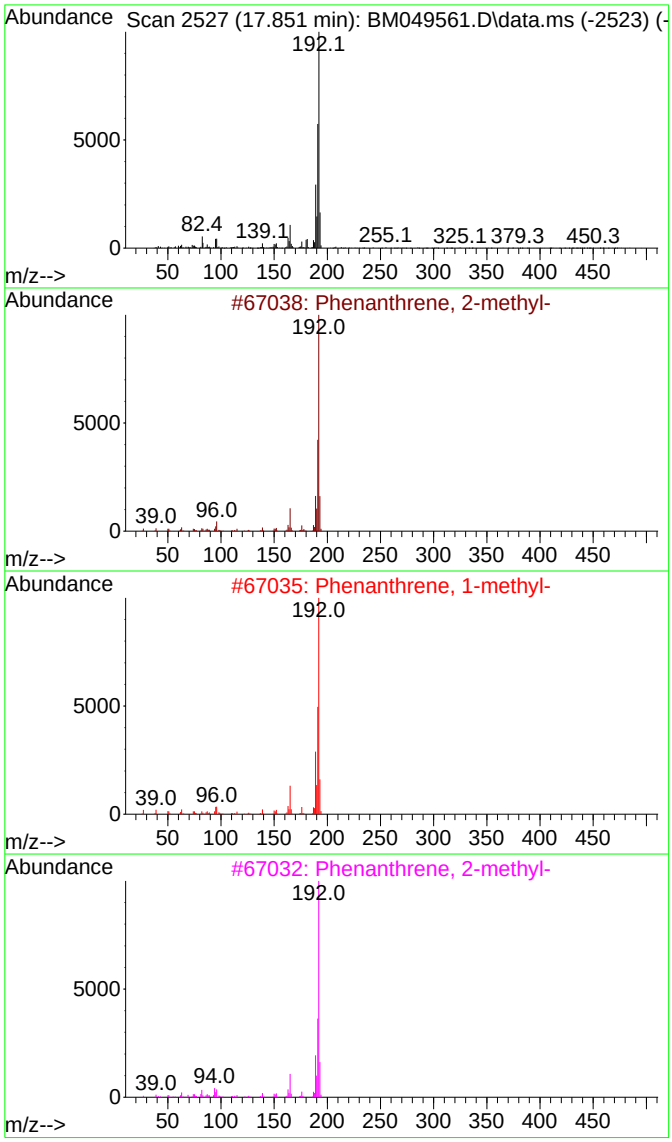
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

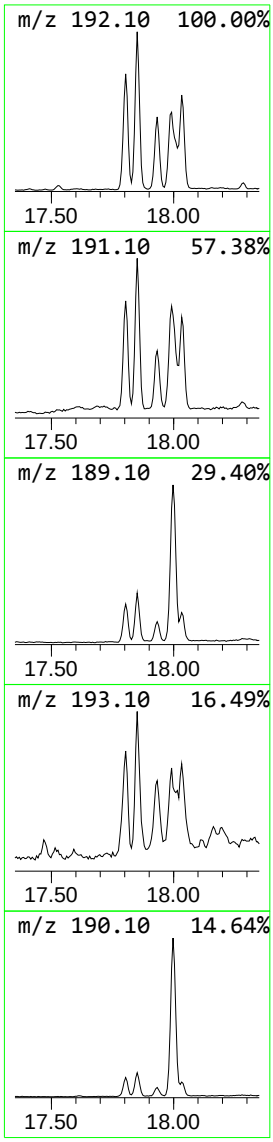
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	5.92 ng/ul	705062	Phenanthrene-d10	16.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049561.D
Acq On : 31 Jan 2025 17:15
Operator : RC/JU
Sample : Q1190-02DL 30X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S3DL

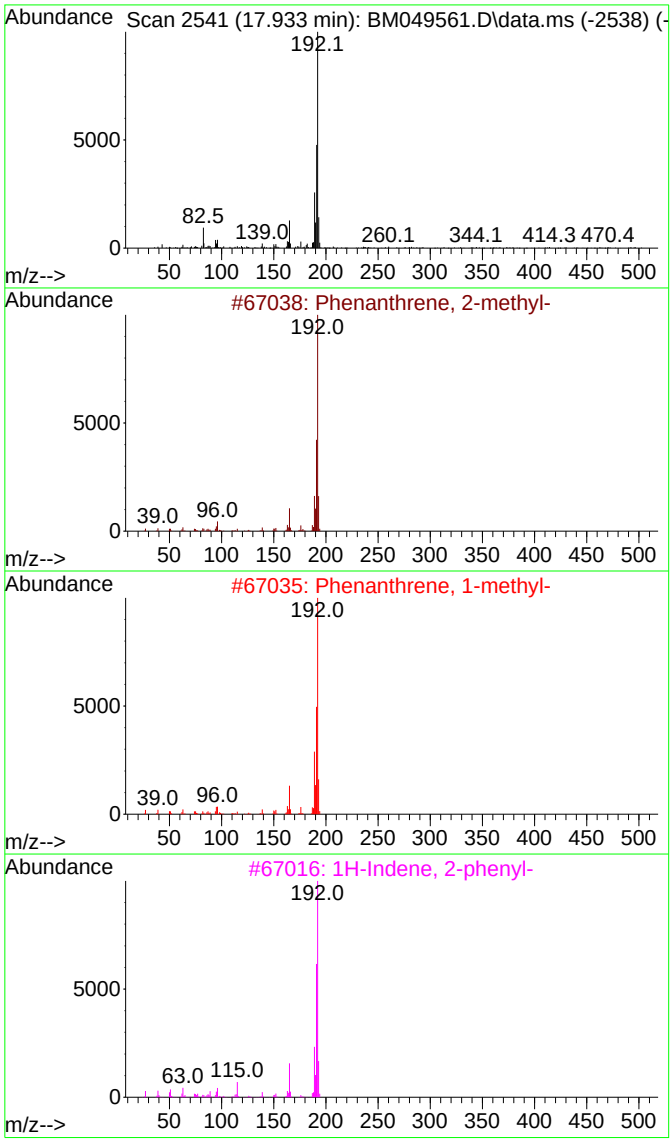
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

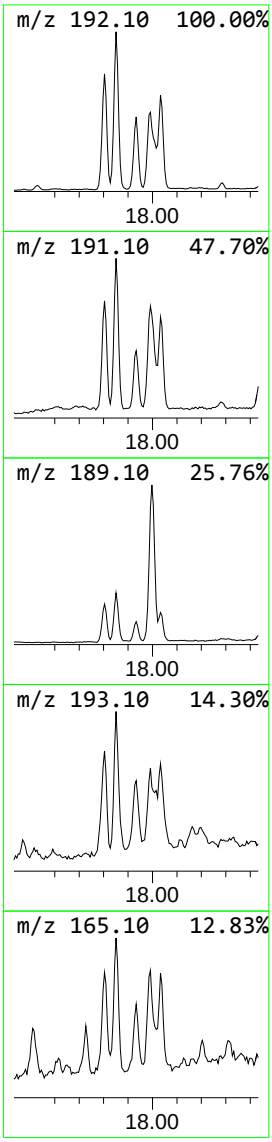
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1H-Indene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.933	2.55 ng/ul	303602	Phenanthrene-d10	16.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049561.D
Acq On : 31 Jan 2025 17:15
Operator : RC/JU
Sample : Q1190-02DL 30X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S3DL

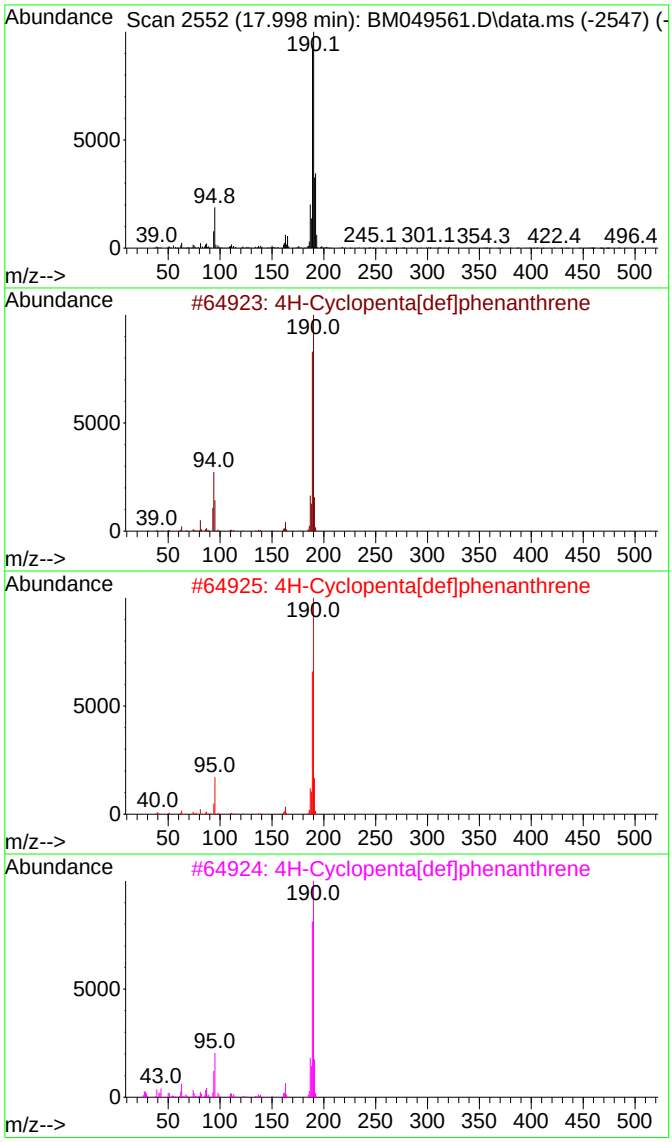
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

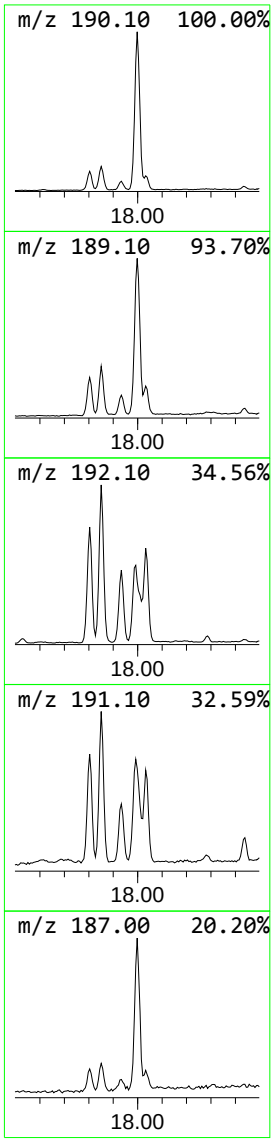
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.998	9.79 ng/ul	1166390	Phenanthrene-d10	16.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Data File : BM049561.D
Acq On : 31 Jan 2025 17:15
Operator : RC/JU
Sample : Q1190-02DL 30X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S3DL

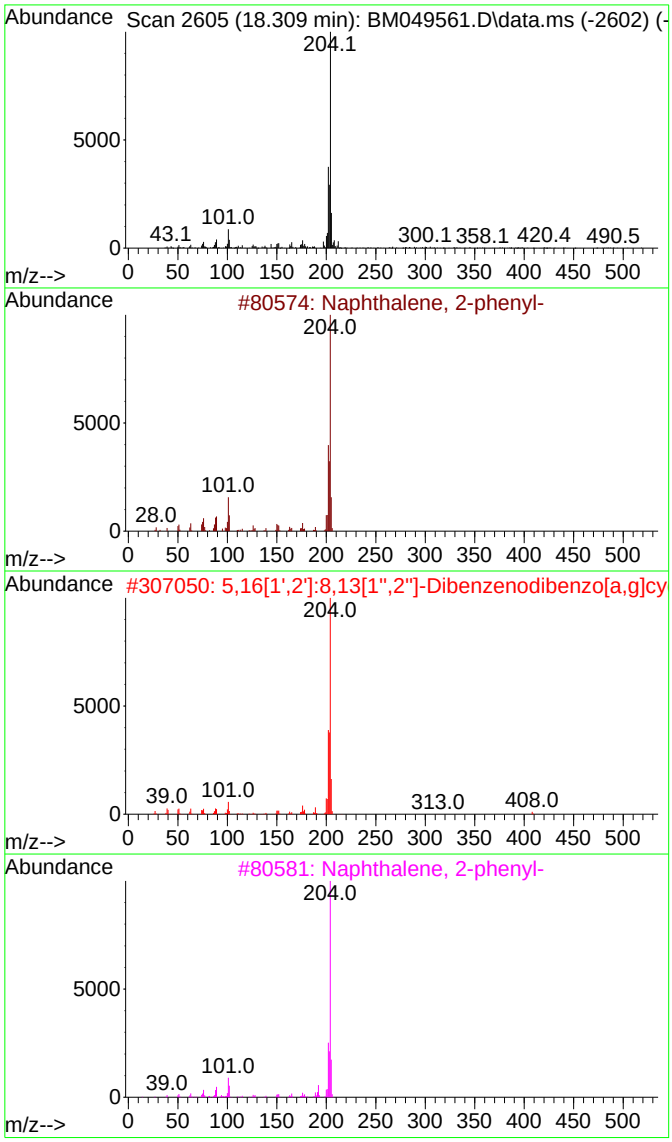
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

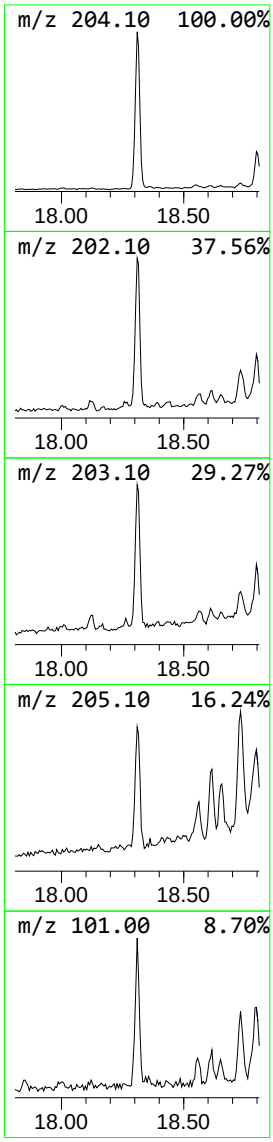
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.309	2.79 ng/ul	332272	Phenanthrene-d10	16.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049561.D
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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S3DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.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
Phenanthrene, 2...	17.804	3.8	ng/ul	448656	4	16.927	2381810	20.0
Phenanthrene, 1...	17.851	5.9	ng/ul	705062	4	16.927	2381810	20.0
1H-Indene, 2-ph...	17.933	2.5	ng/ul	303602	4	16.927	2381810	20.0
4H-Cyclopenta[d...	17.998	9.8	ng/ul	1166390	4	16.927	2381810	20.0
Naphthalene, 2-...	18.309	2.8	ng/ul	332272	4	16.927	2381810	20.0