LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141833.D
Acq On : 04 Mar 2025 18:15
Operator : RC/JU
Sample : Q1480-09 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\Methods\8270-BF022725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141833.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	6	12	25	rVB	377141	605860	19.22%	2.626%
2	5.493	572	578	586	rBV	618054	792853	25.15%	3.436%
3	6.493	743	748	759	rBV	601412	762860	24.20%	3.306%
4	6.887	809	815	820	rBV	1027295	1286062	40.79%	5.574%
5	7.440	902	909	914	rBV	366608	463663	14.71%	2.010%
6	8.163	1026	1032	1049	rBV	1183488	1563246	49.58%	6.775%
7	9.234	1209	1214	1224	rBV	591431	749779	23.78%	3.250%
8	9.775	1302	1306	1312	rBV	82368	109908	3.49%	0.476%
9	9.916	1324	1330	1334	rBV	1154964	1442515	45.75%	6.252%
10	9.951	1334	1336	1343	rVB	51973	55188	1.75%	0.239%
11	10.216	1376	1381	1387	rBV	36461	68818	2.18%	0.298%
12	10.463	1419	1423	1429	rVB2	97328	125694	3.99%	0.545%
13	10.622	1446	1450	1458	rVB	51584	76346	2.42%	0.331%
14	10.698	1458	1463	1470	rBV2	325668	427867	13.57%	1.854%
15	11.010	1511	1516	1519	rBV2	26811	41736	1.32%	0.181%
16	11.298	1562	1565	1570	rVB	34563	47116	1.49%	0.204%
17	11.404	1577	1583	1586	rBV	1084837	1590729	50.45%	6.894%
18	11.475	1591	1595	1599	rVV	162298	205309	6.51%	0.890%
19	11.628	1617	1621	1628	rBV3	24160	44868	1.42%	0.194%
20	11.928	1664	1672	1677	rBV2	184418	368512	11.69%	1.597%
21	11.980	1677	1681	1683	rVV2	55817	81077	2.57%	0.351%
22	12.016	1683	1687	1695	rVB2	208215	331891	10.53%	1.438%
23	12.198	1714	1718	1729	rVB2	62549	119517	3.79%	0.518%
24	12.451	1757	1761	1764	rBV	53046	71760	2.28%	0.311%
25	12.492	1764	1768	1773	rVV2	43733	78255	2.48%	0.339%
26	12.539	1773	1776	1783	rVB3	36662	54204	1.72%	0.235%
27	12.616	1784	1789	1794	rBV	1287788	1597792	50.68%	6.925%
28	12.710	1801	1805	1810	rBV	172173	216378	6.86%	0.938%
29	12.845	1820	1828	1833	rBV2	981195	1460917	46.34%	6.332%
30	12.892	1833	1836	1841	rVB2	46606	57742	1.83%	0.250%
31	12.986	1844	1852	1858	rBV2	537874	818166	25.95%	3.546%
32	13.063	1859	1865	1872	rBV3	100206	233391	7.40%	1.012%
33	13.169	1876	1883	1887	rVV2	250775	414717	13.15%	1.797%
34	13.233	1890	1894	1898	rVV	209084	303283	9.62%	1.314%
35	13.274	1898	1901	1908	rVB2	126433	195328	6.20%	0.847%
36	13.786	1985	1988	1991	rBV2	81102	112951	3.58%	0.490%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141833.D
Acq On : 04 Mar 2025 18:15
Operator : RC/JU
Sample : Q1480-09 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\Methods\8270-BF022725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.033	2025	2030	2042	rBV2	1555557	3152861	100.00%	13.665%
38	15.080	2204	2208	2217	rVB	441842	993001	31.50%	4.304%
39	15.386	2256	2260	2265	rVB	245157	374504	11.88%	1.623%
40	15.445	2266	2270	2276	rVB	324338	479793	15.22%	2.079%
41	15.510	2277	2281	2286	rBV	677934	1096547	34.78%	4.753%

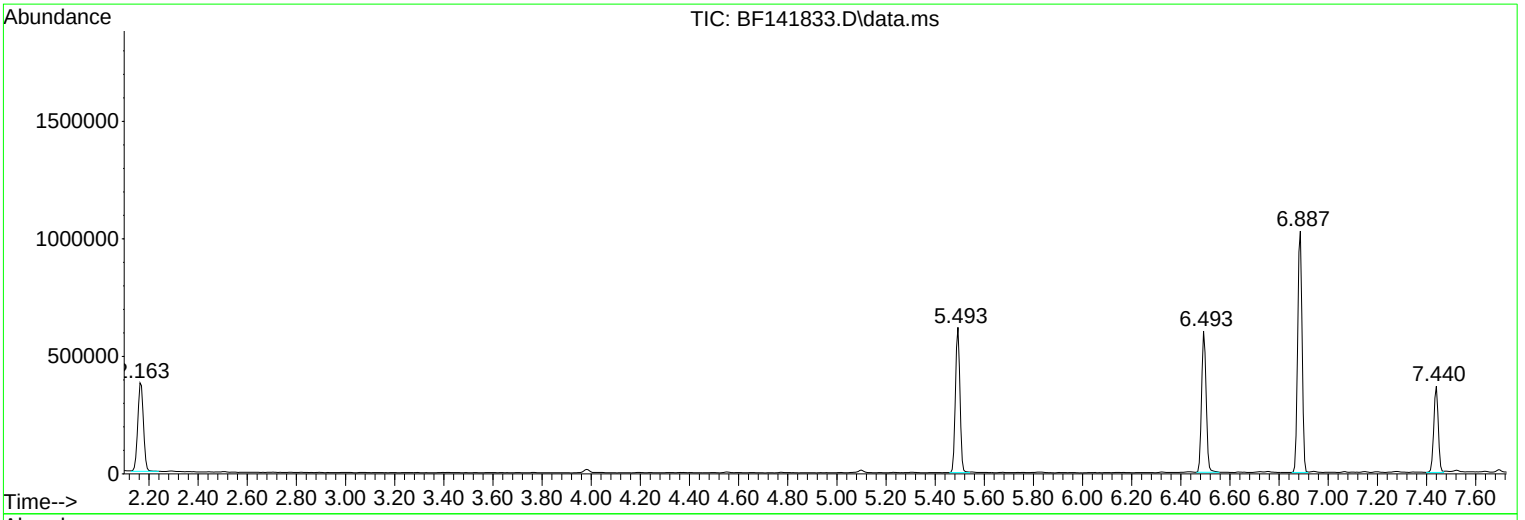
Sum of corrected areas: 23073004

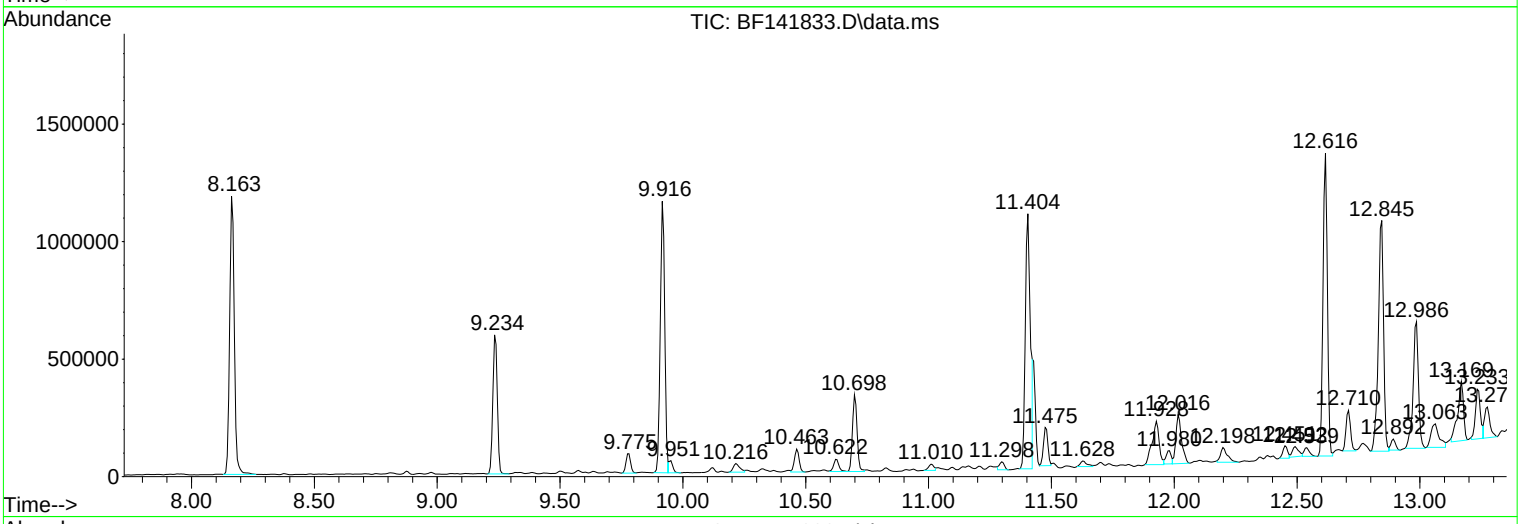
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141833.D
Acq On : 04 Mar 2025 18:15
Operator : RC/JU
Sample : Q1480-09 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

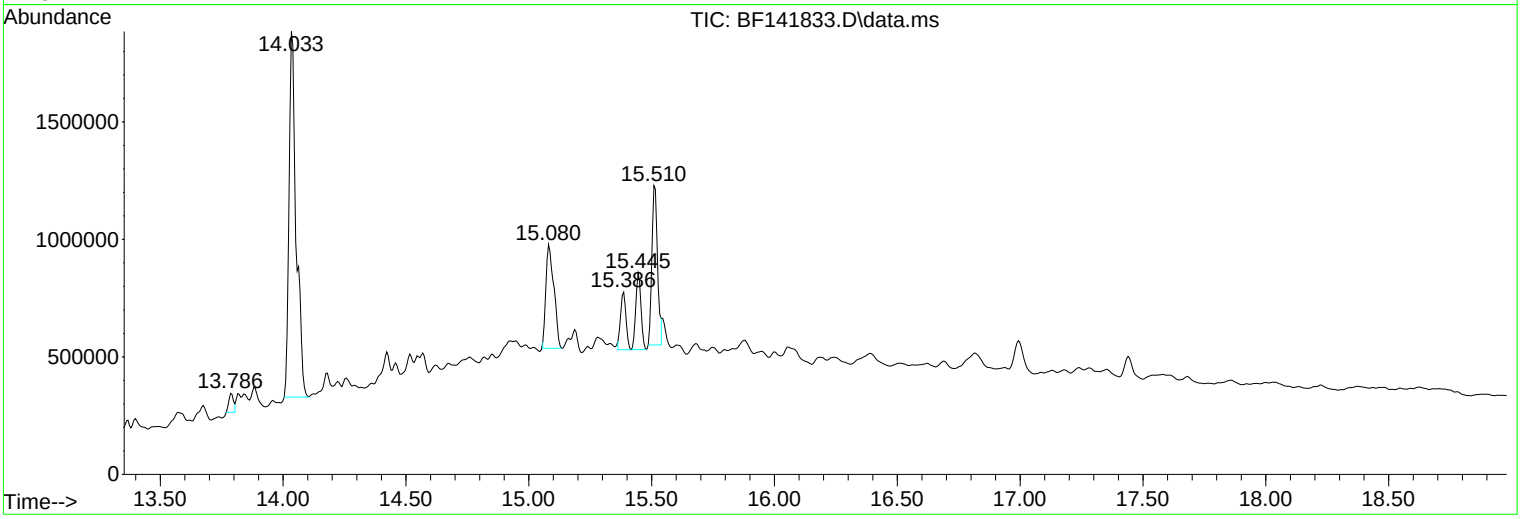
Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141833.D
Acq On : 04 Mar 2025 18:15
Operator : RC/JU
Sample : Q1480-09 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

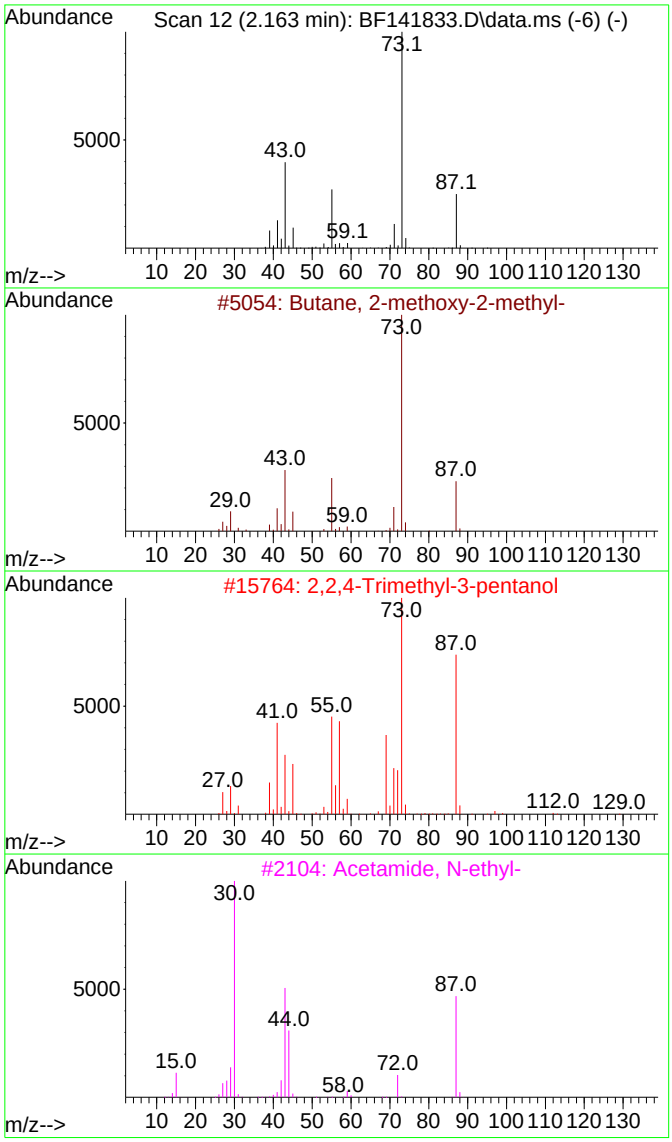
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

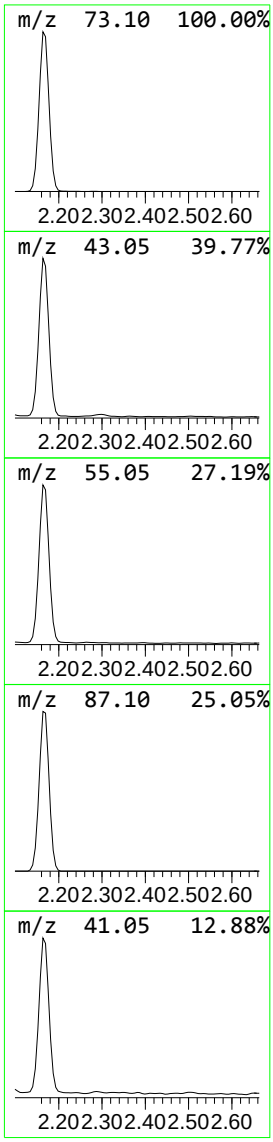
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	9.42 ng	605860	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141833.D
Acq On : 04 Mar 2025 18:15
Operator : RC/JU
Sample : Q1480-09 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

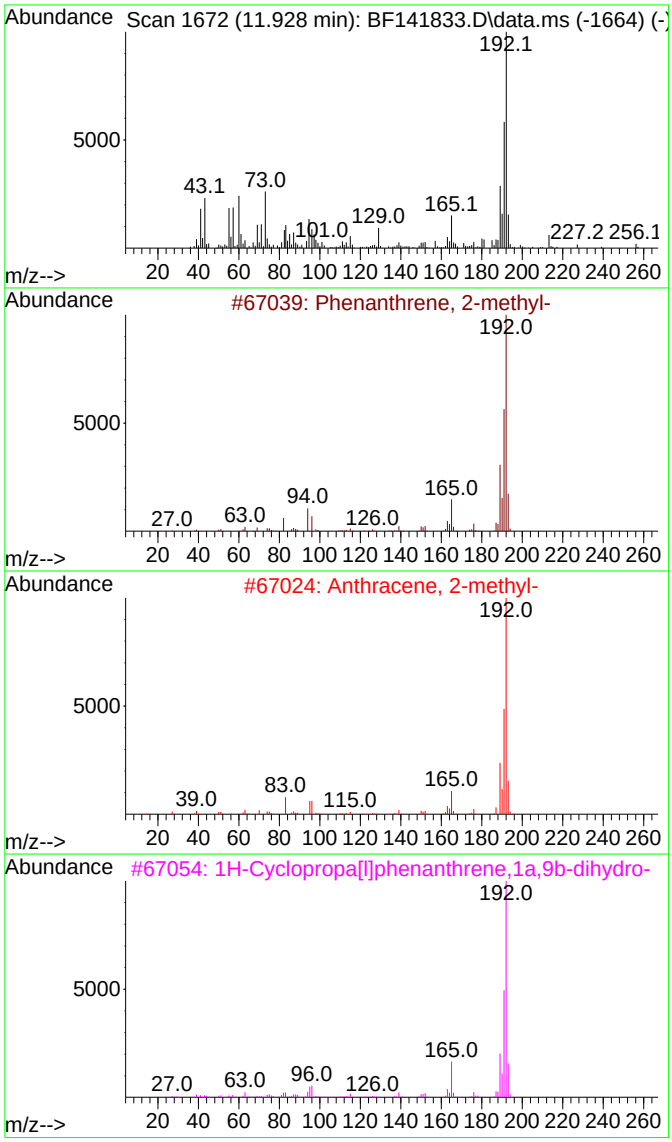
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

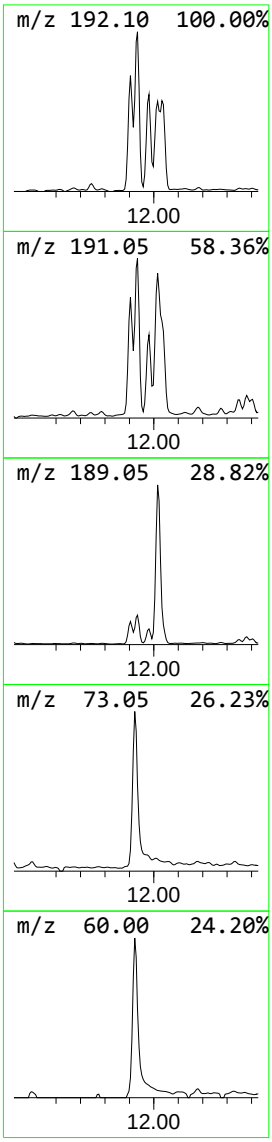
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	4.63 ng	368512	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141833.D
Acq On : 04 Mar 2025 18:15
Operator : RC/JU
Sample : Q1480-09 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

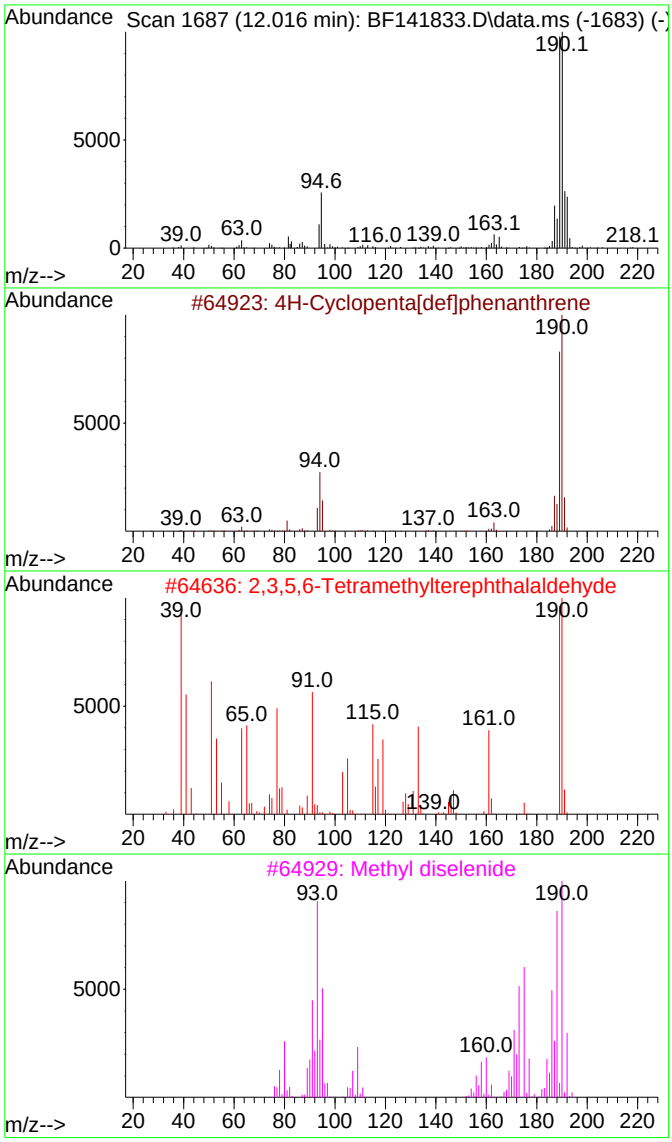
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

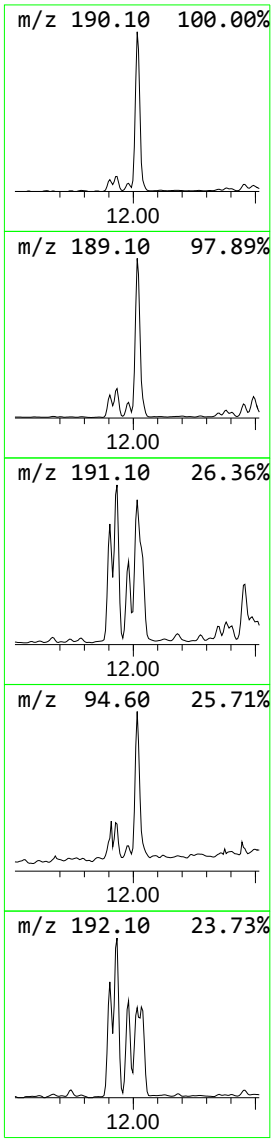
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	4.17 ng	331891	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141833.D
Acq On : 04 Mar 2025 18:15
Operator : RC/JU
Sample : Q1480-09 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

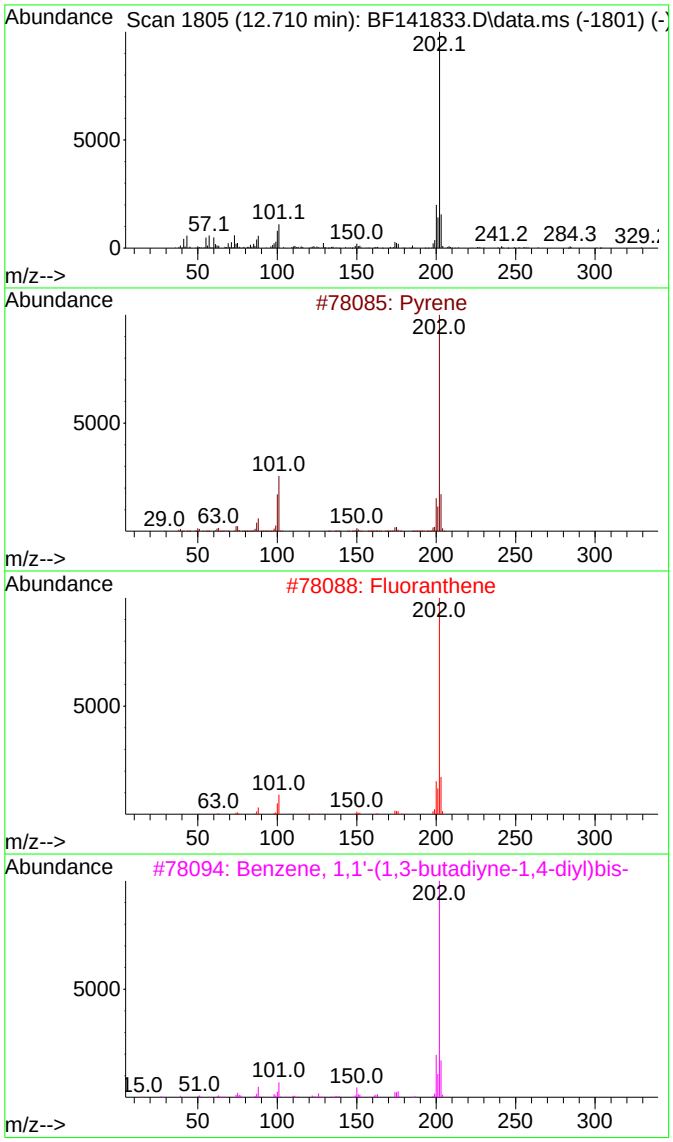
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

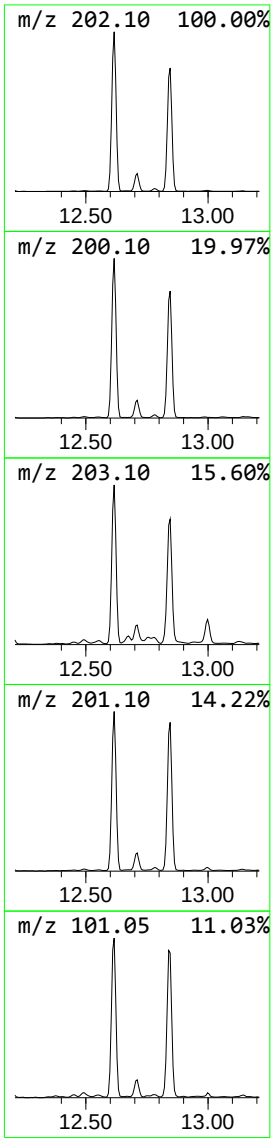
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	2.72 ng	216378	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene	202	C16H10	000129-00-0	94
2	Fluoranthene	202	C16H10	000206-44-0	94
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	64
4	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	50
5	7H-Furo[3,2-g][1]benzopyran-7-on...	202	C11H6O4	002009-24-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141833.D
Acq On : 04 Mar 2025 18:15
Operator : RC/JU
Sample : Q1480-09 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

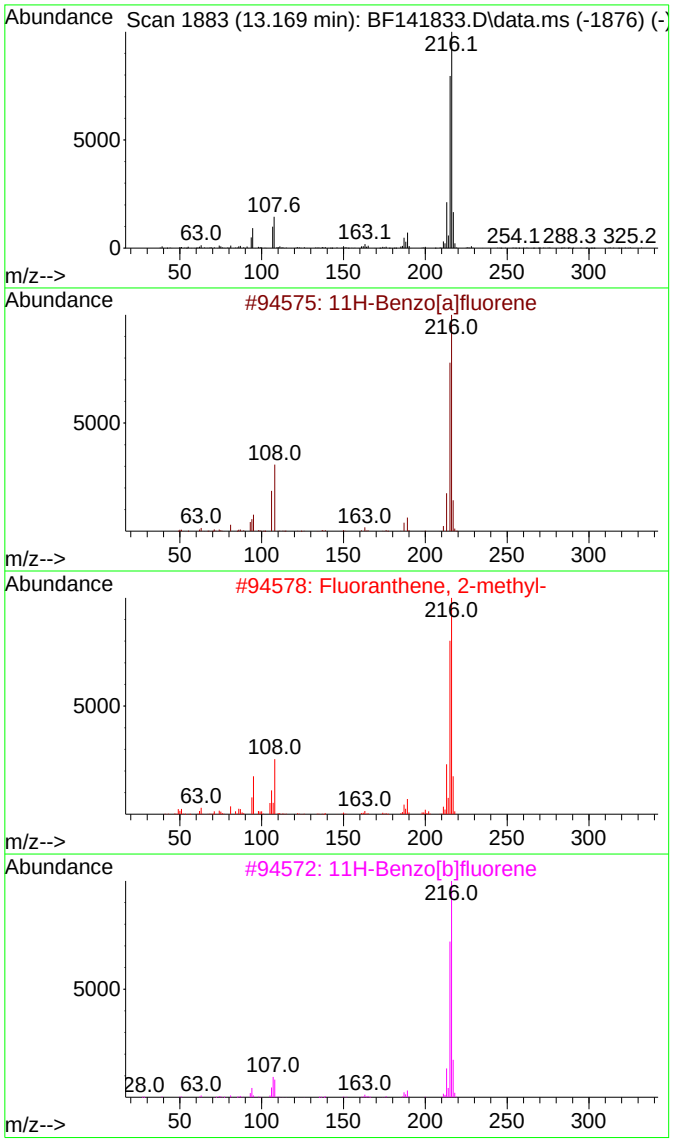
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

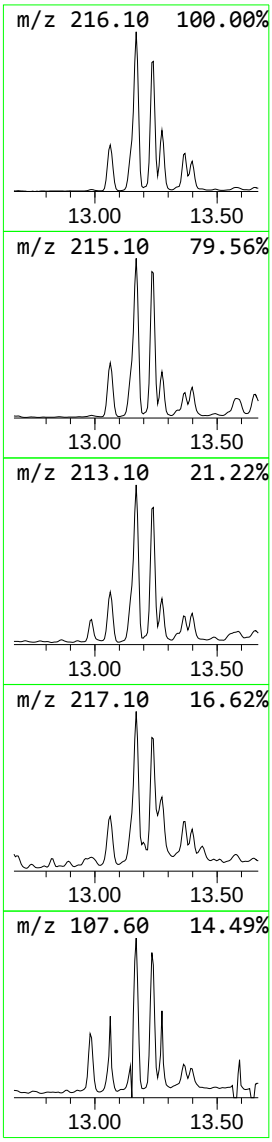
****

Peak Number 5 11H-Benzo[a]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	2.63 ng	414717	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141833.D
Acq On : 04 Mar 2025 18:15
Operator : RC/JU
Sample : Q1480-09 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

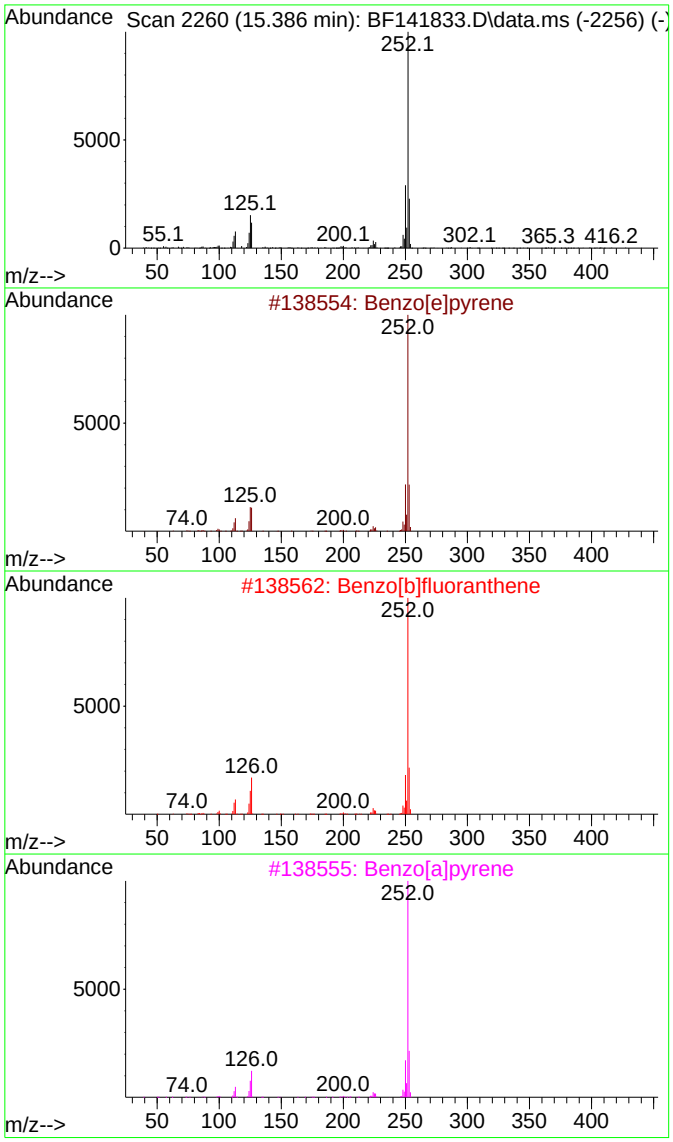
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

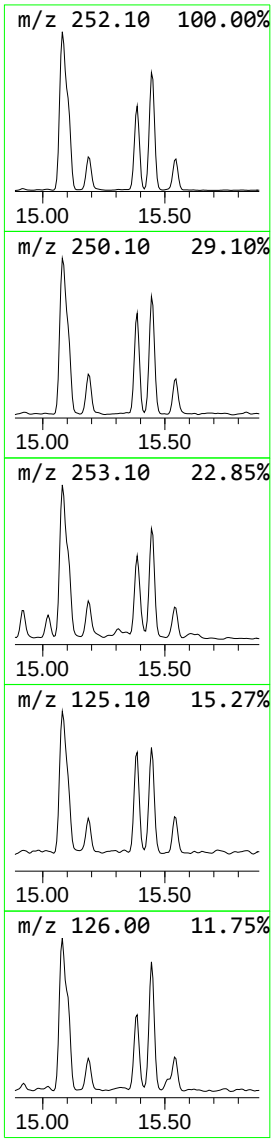
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	6.83 ng	374504	Perylene-d12	15.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141833.D
Acq On : 04 Mar 2025 18:15
Operator : RC/JU
Sample : Q1480-09 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Butane, 2-metho...	2.163	9.4	ng	605860	1	6.887	1286060	20.0
Phenanthrene, 2...	11.928	4.6	ng	368512	4	11.404	1590730	20.0
4H-Cyclopenta[d...	12.016	4.2	ng	331891	4	11.404	1590730	20.0
Benzene, 1,1'-(...	12.710	2.7	ng	216378	4	11.404	1590730	20.0
11H-Benzo[a]flu...	13.169	2.6	ng	414717	5	14.039	3152860	20.0
Benzo[e]pyrene	15.386	6.8	ng	374504	6	15.510	1096550	20.0