LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143242.D
Acq On : 24 Jul 2025 19:24
Operator : RC/JU
Sample : Q2677-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-07222025

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-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143242.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.269	7	13	21	rVB	246375	396949	34.25%	2.595%
2	5.181	503	508	516	rVB	63102	84625	7.30%	0.553%
3	5.587	572	577	592	rBV	621322	782525	67.52%	5.115%
4	6.581	741	746	763	rVB	610546	761179	65.67%	4.976%
5	6.963	806	811	816	rBV	454565	548563	47.33%	3.586%
6	7.516	899	905	910	rBV	382092	484083	41.77%	3.164%
7	8.239	1023	1028	1036	rBV	510938	671562	57.94%	4.390%
8	8.957	1145	1150	1153	rBV	13239	16089	1.39%	0.105%
9	9.051	1162	1166	1171	rVB	13511	17734	1.53%	0.116%
10	9.316	1206	1211	1216	rBV	730844	904902	78.07%	5.915%
11	9.398	1221	1225	1233	rBV5	9243	19340	1.67%	0.126%
12	9.516	1241	1245	1251	rVB3	8807	13215	1.14%	0.086%
13	9.581	1251	1256	1260	rBV	23402	36068	3.11%	0.236%
14	9.657	1264	1269	1271	rVV	35039	48790	4.21%	0.319%
15	9.681	1271	1273	1276	rVV	21708	26765	2.31%	0.175%
16	9.716	1276	1279	1285	rVV3	27957	39369	3.40%	0.257%
17	9.775	1285	1289	1299	rVB	19645	34564	2.98%	0.226%
18	9.857	1299	1303	1308	rBV	75734	102794	8.87%	0.672%
19	9.922	1311	1314	1318	rVB3	10903	15087	1.30%	0.099%
20	9.998	1320	1327	1331	rBV	562852	708589	61.14%	4.632%
21	10.028	1331	1332	1341	rVB2	30847	34741	3.00%	0.227%
22	10.104	1341	1345	1349	rBV2	15043	22264	1.92%	0.146%
23	10.198	1356	1361	1365	rBV	34510	46260	3.99%	0.302%
24	10.239	1365	1368	1375	rVB	26916	32690	2.82%	0.214%
25	10.310	1376	1380	1383	rBV2	30362	45416	3.92%	0.297%
26	10.339	1383	1385	1389	rVB	18318	20026	1.73%	0.131%
27	10.404	1391	1396	1397	rBV3	24561	32975	2.85%	0.216%
28	10.492	1408	1411	1414	rBV	11710	15958	1.38%	0.104%
29	10.545	1416	1420	1426	rVB2	49459	72330	6.24%	0.473%
30	10.610	1426	1431	1433	rBV2	14550	25869	2.23%	0.169%
31	10.657	1436	1439	1442	rVV2	21627	27914	2.41%	0.182%
32	10.704	1442	1447	1455	rVB	78825	115609	9.97%	0.756%
33	10.780	1455	1460	1465	rBV	425953	549380	47.40%	3.591%
34	10.910	1477	1482	1487	rVB2	54364	88314	7.62%	0.577%
35	10.986	1492	1495	1498	rBV	17058	23893	2.06%	0.156%
36	11.092	1508	1513	1516	rBV2	38451	64003	5.52%	0.418%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143242.D
Acq On : 24 Jul 2025 19:24
Operator : RC/JU
Sample : Q2677-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-07222025

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-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.122	1516	1518	1521	rVV2	30007	35638	3.07%	0.233%
38	11.175	1525	1527	1530	rVB	22052	23099	1.99%	0.151%
39	11.292	1544	1547	1550	rBV4	12463	14556	1.26%	0.095%
40	11.380	1559	1562	1567	rVB	56207	75772	6.54%	0.495%
41	11.486	1575	1580	1582	rBV	574790	799952	69.02%	5.229%
42	11.557	1588	1592	1596	rBV	98251	124044	10.70%	0.811%
43	11.592	1596	1598	1601	rVB2	24153	26069	2.25%	0.170%
44	11.775	1626	1629	1632	rVV2	32066	36703	3.17%	0.240%
45	11.816	1633	1636	1642	rVB	43438	54141	4.67%	0.354%
46	11.898	1647	1650	1654	rVB	28815	33501	2.89%	0.219%
47	12.010	1661	1669	1674	rBV2	228000	532813	45.97%	3.483%
48	12.063	1674	1678	1680	rVV2	60631	83739	7.22%	0.547%
49	12.098	1680	1684	1692	rVB	238347	462580	39.91%	3.024%
50	12.280	1712	1715	1718	rBV	56166	75148	6.48%	0.491%
51	12.463	1743	1746	1748	rBV	52548	60883	5.25%	0.398%
52	12.539	1754	1759	1762	rBV	183765	277633	23.95%	1.815%
53	12.574	1762	1765	1770	rVV2	125187	210025	18.12%	1.373%
54	12.622	1770	1773	1782	rVB3	71432	135808	11.72%	0.888%
55	12.698	1782	1786	1791	rBV	647602	807625	69.68%	5.279%
56	12.927	1819	1825	1831	rBV	762584	1159028	100.00%	7.576%
57	12.986	1832	1835	1838	rVB2	68019	85741	7.40%	0.560%
58	13.063	1844	1848	1857	rVB	788725	1137665	98.16%	7.437%
59	13.145	1858	1862	1869	rBV3	119281	232738	20.08%	1.521%
60	13.251	1878	1880	1884	rVB	171426	207259	17.88%	1.355%
61	13.357	1895	1898	1906	rVB2	129183	177168	15.29%	1.158%
62	13.451	1911	1914	1917	rVV2	101623	126584	10.92%	0.827%
63	13.480	1917	1919	1923	rVB	87592	100059	8.63%	0.654%
64	14.121	2023	2028	2031	rBV2	631430	1025478	88.48%	6.703%
65	15.633	2282	2285	2289	rBV	197217	246377	21.26%	1.610%

Sum of corrected areas: 15298260

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143242.D
Acq On : 24 Jul 2025 19:24
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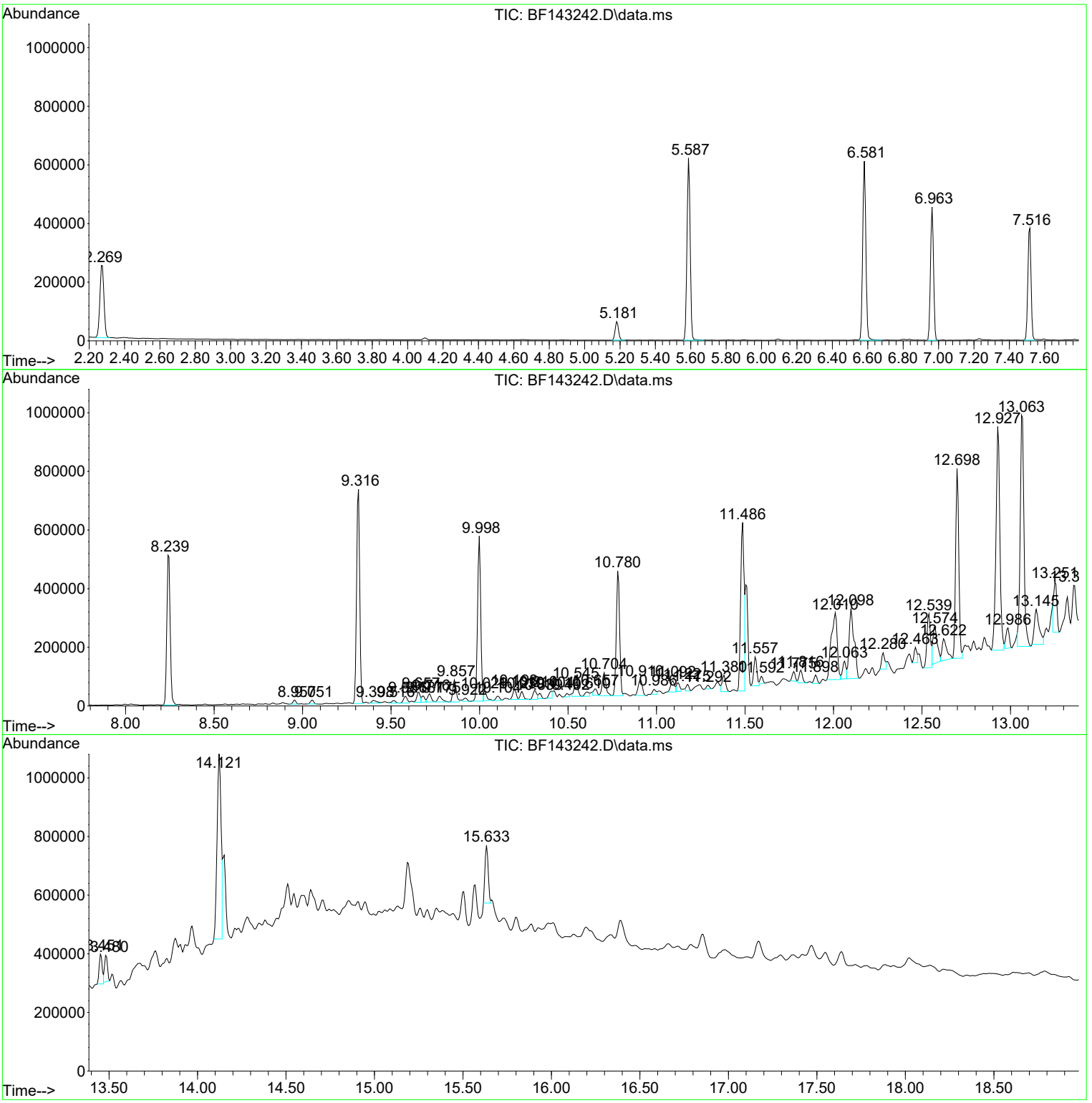
Sample : Q2677-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-07222025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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\BF072425\
Data File : BF143242.D
Acq On : 24 Jul 2025 19:24
Operator : RC/JU
Sample : Q2677-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-07222025

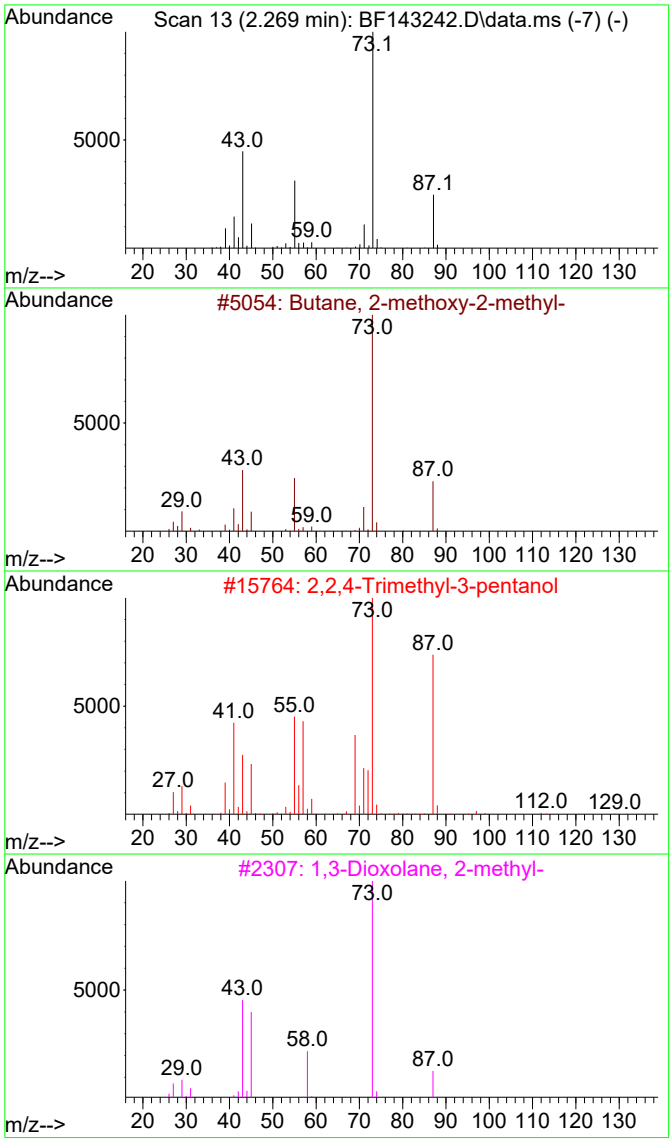
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

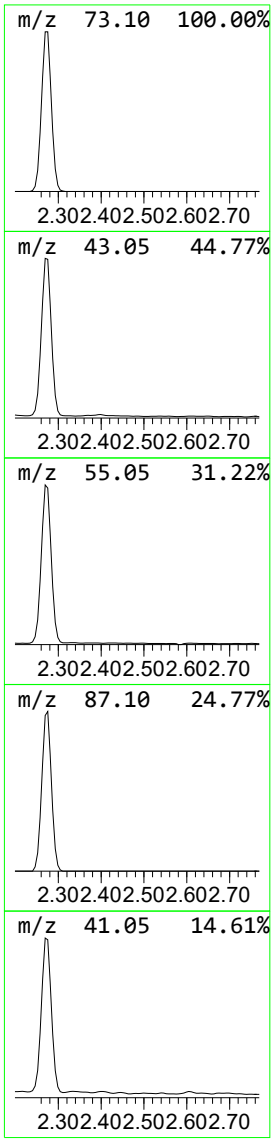
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.269	14.47 ng	396949	1,4-Dichlorobenzene-d4	6.963

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	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143242.D
Acq On : 24 Jul 2025 19:24
Operator : RC/JU
Sample : Q2677-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-07222025

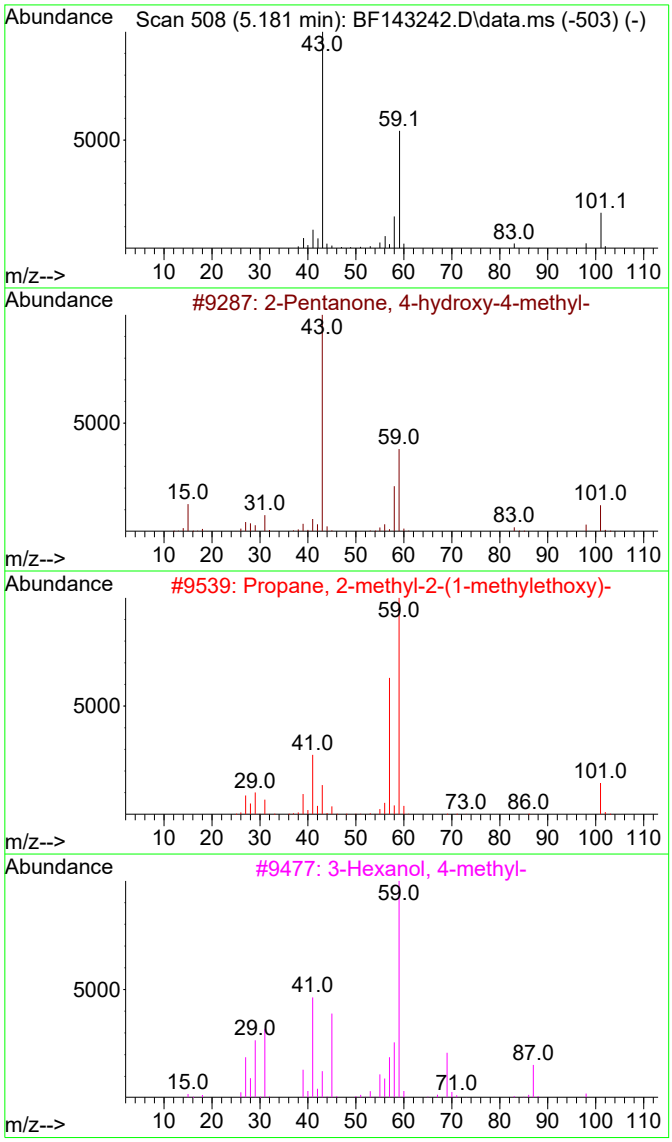
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

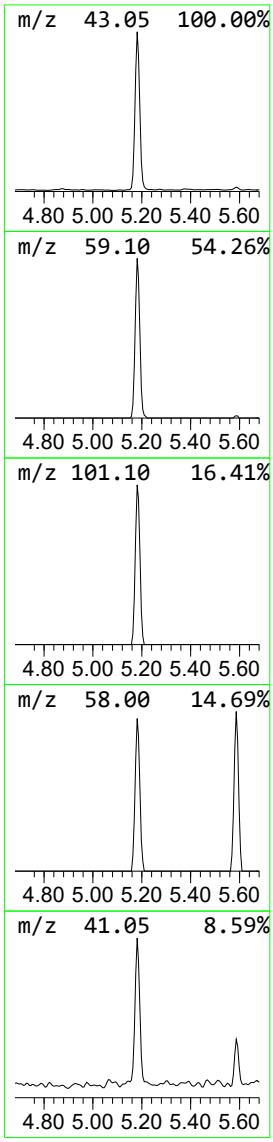
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.181	3.09 ng	84625	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143242.D
Acq On : 24 Jul 2025 19:24
Operator : RC/JU
Sample : Q2677-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-07222025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

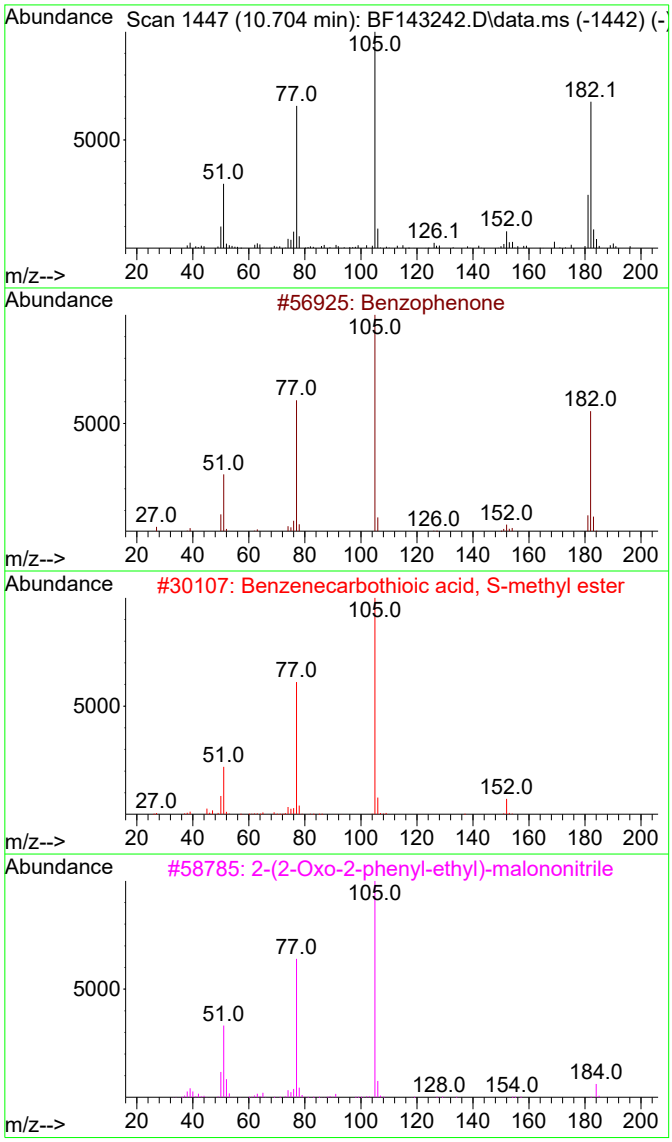
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

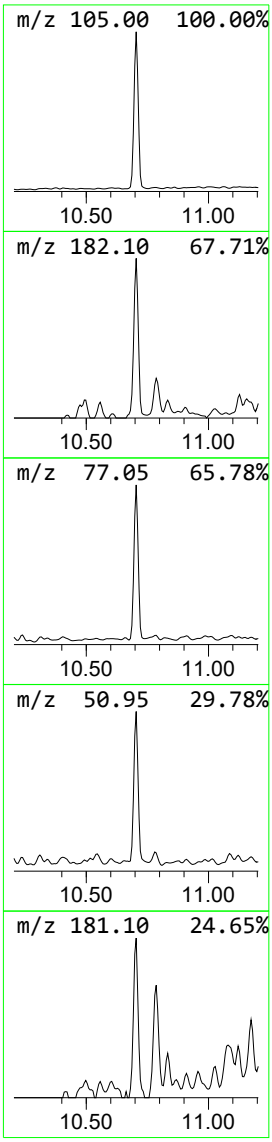
****

Peak Number 3 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.704	3.26 ng	115609	Acenaphthene-d10	9.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	49
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
5	Benzenecarbothioic acid	138	C7H6OS	000098-91-9	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143242.D
Acq On : 24 Jul 2025 19:24
Operator : RC/JU
Sample : Q2677-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-07222025

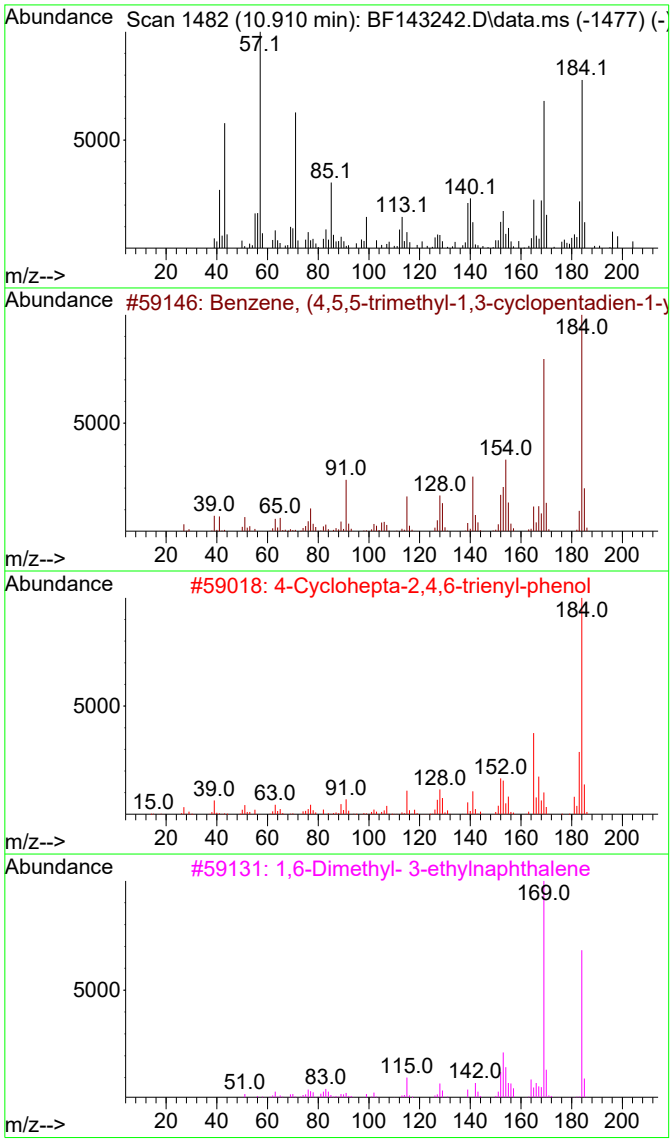
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

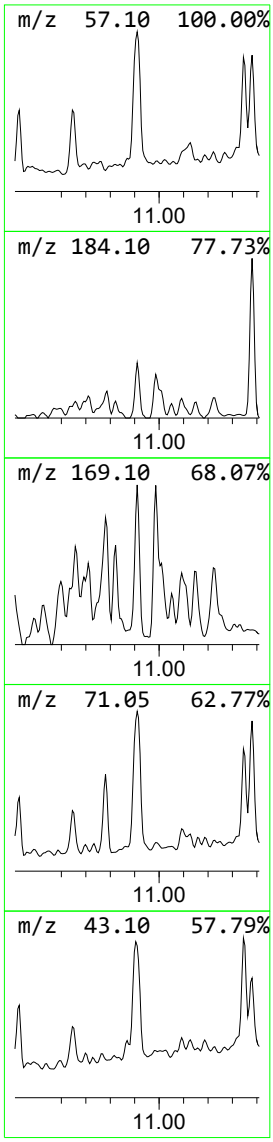
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, (4,5,5-trimethyl-1... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.910	2.21 ng	88314	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	64
2	4-Cyclohepta-2,4,6-trienyl-phenol	184	C13H12O	091902-42-0	46
3	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	46
4	2,4,6(1H,3H,5H)-Pyrimidinetrione...	184	C8H12N2O3	007391-61-9	45
5	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143242.D
Acq On : 24 Jul 2025 19:24
Operator : RC/JU
Sample : Q2677-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-07222025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

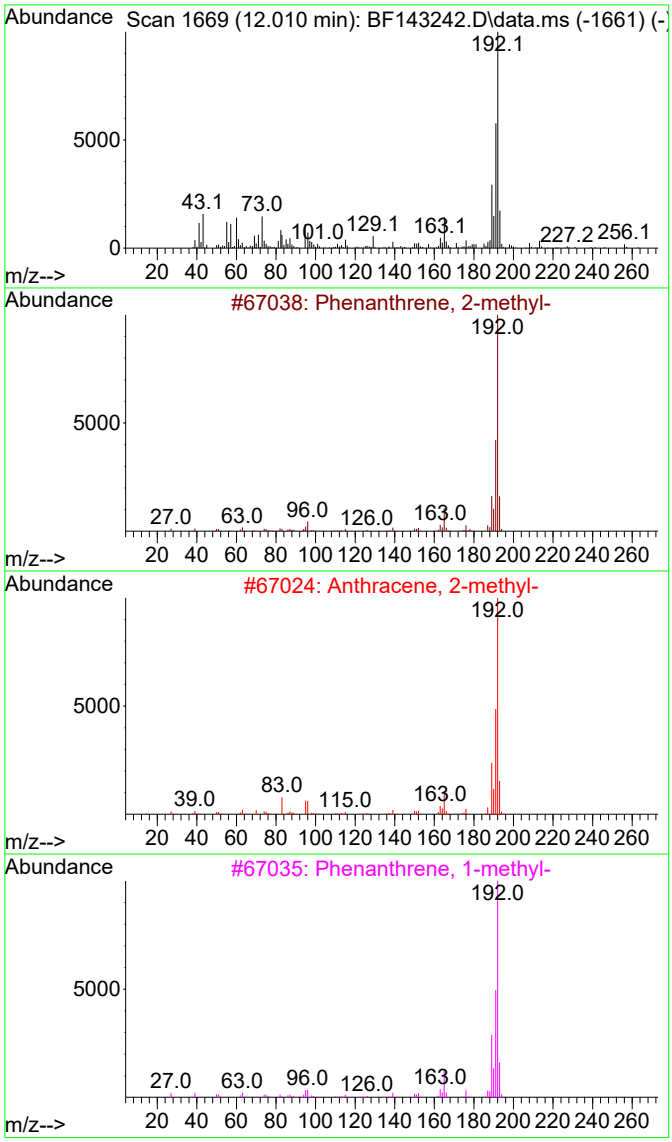
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

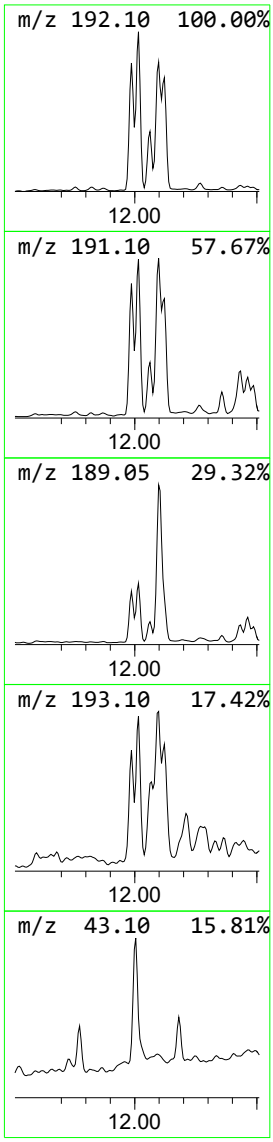
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	13.32 ng	532813	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143242.D
Acq On : 24 Jul 2025 19:24
Operator : RC/JU
Sample : Q2677-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-07222025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

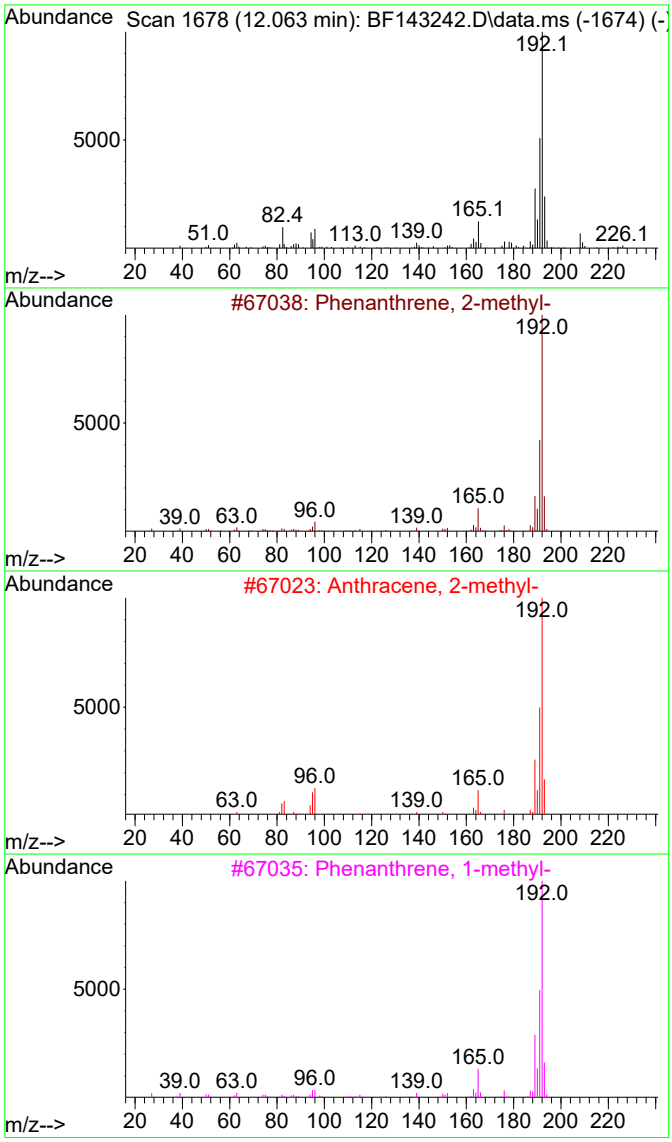
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

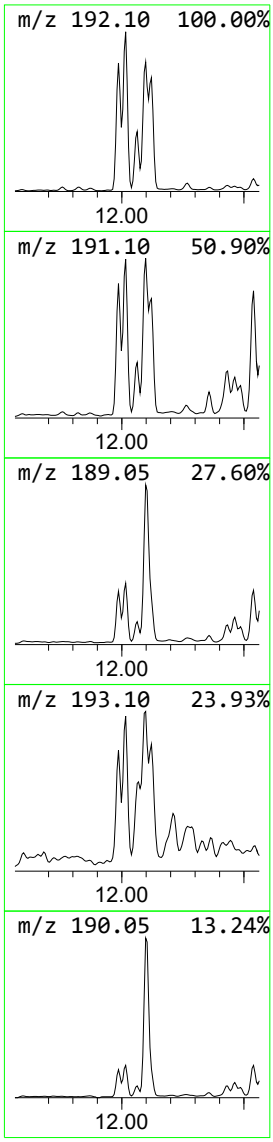
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	2.09 ng	83739	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143242.D
Acq On : 24 Jul 2025 19:24
Operator : RC/JU
Sample : Q2677-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-07222025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

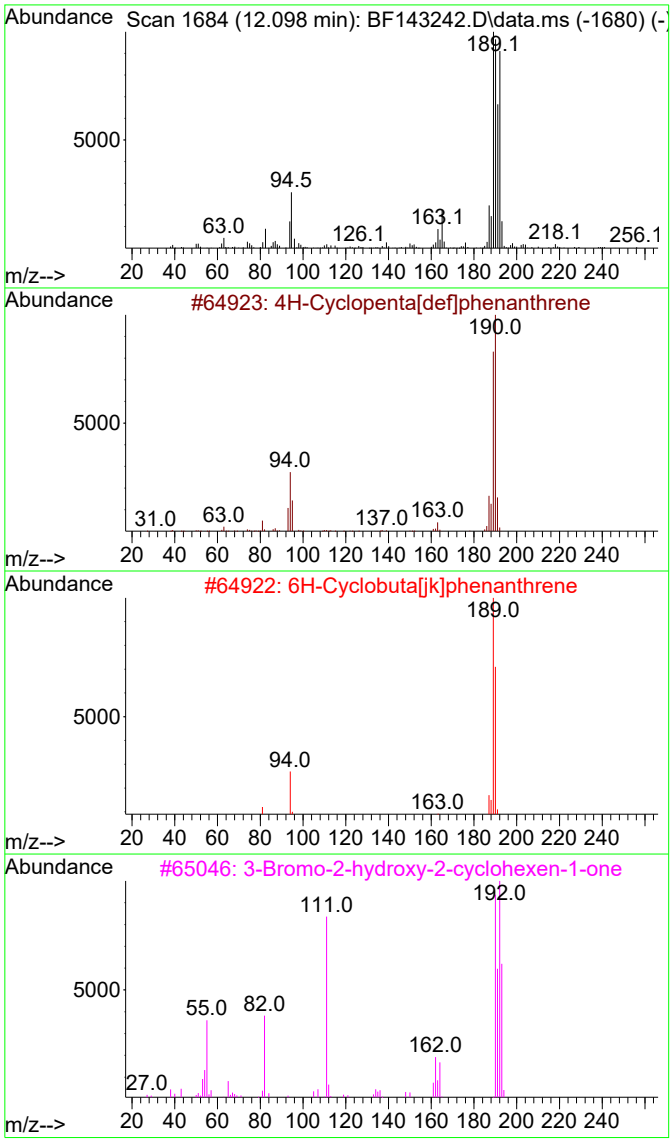
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

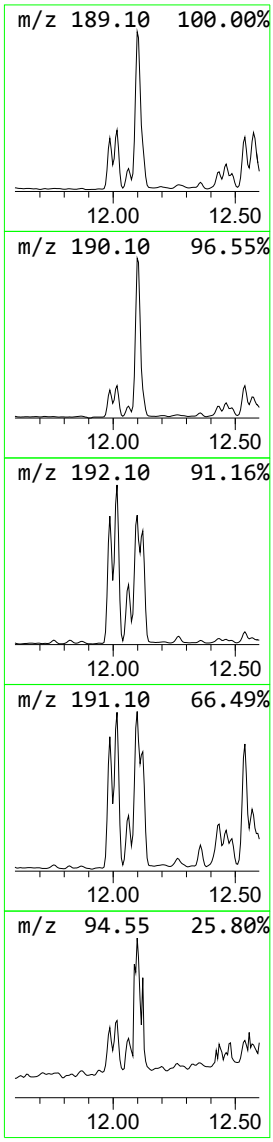
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	11.57 ng	462580	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
3	3-Bromo-2-hydroxy-2-cyclohexen-1...	190	C6H7BrO2	010324-65-9	43
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42





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Data File : BF143242.D
Acq On : 24 Jul 2025 19:24
Operator : RC/JU
Sample : Q2677-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-07222025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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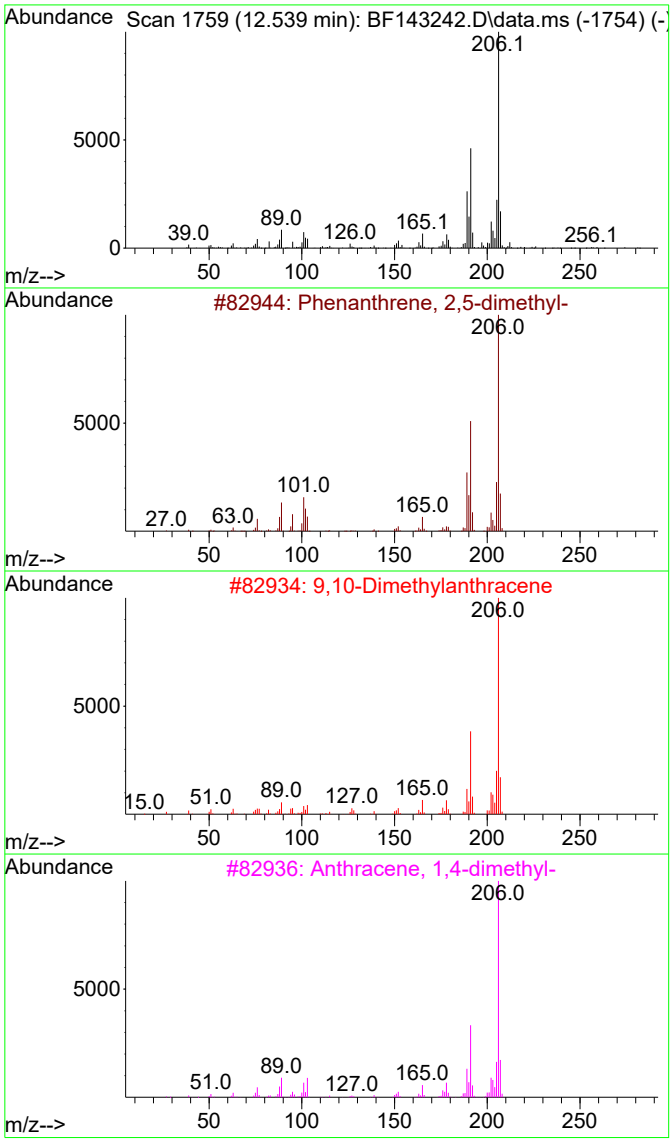
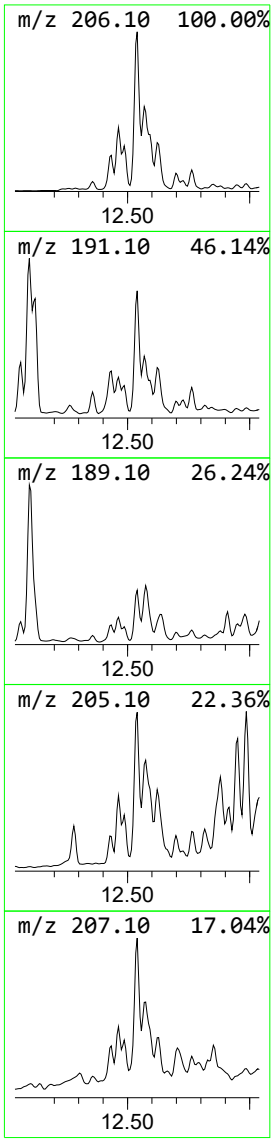
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.539	6.94 ng	277633	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





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Sample : Q2677-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-03-07222025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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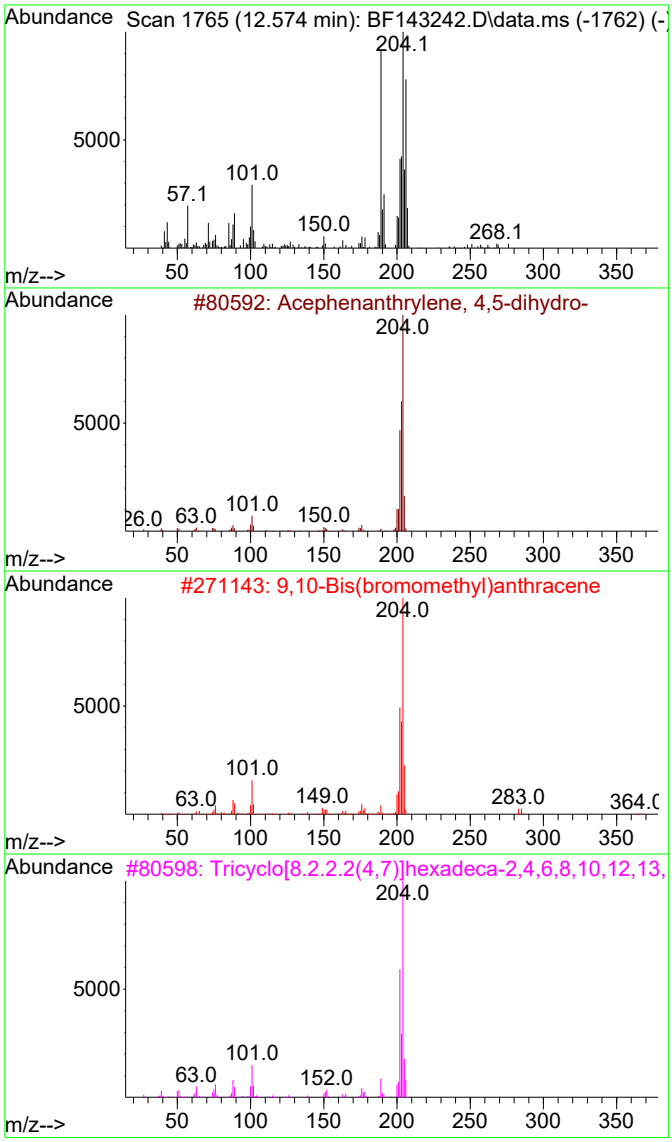
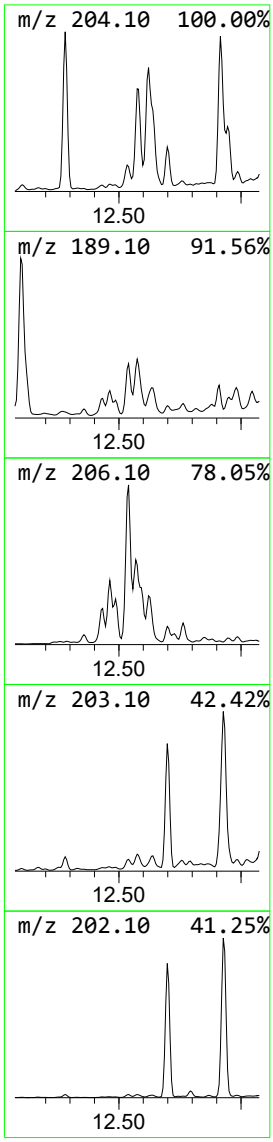
Peak Number 9 unknown12.575 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.575	5.25 ng	210025	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-03-07222025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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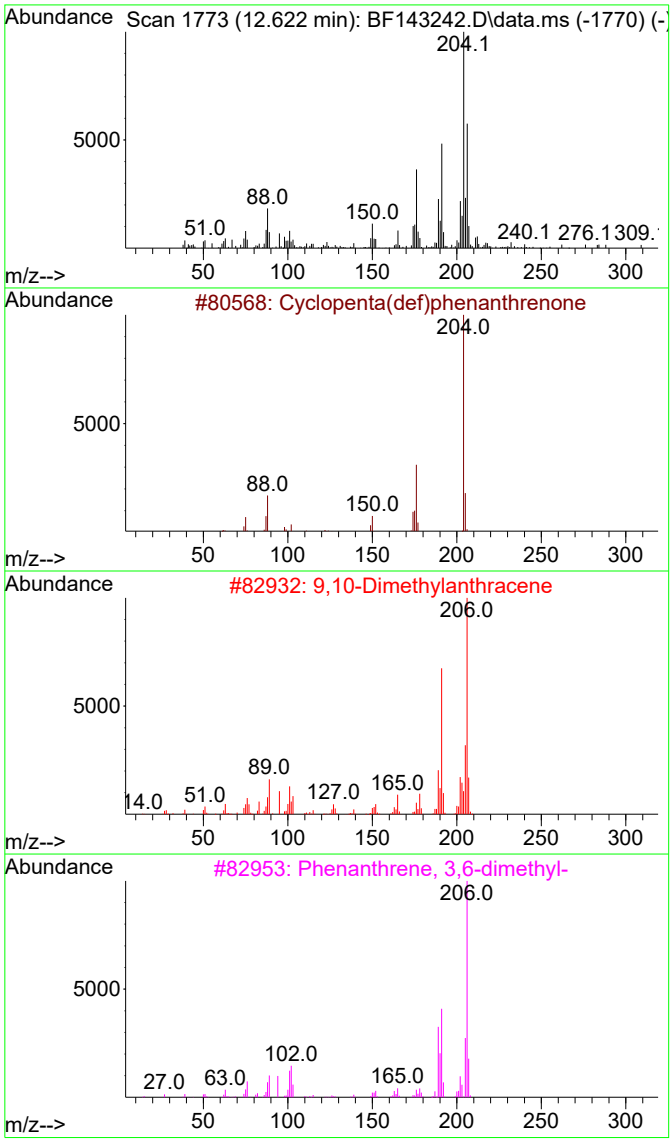
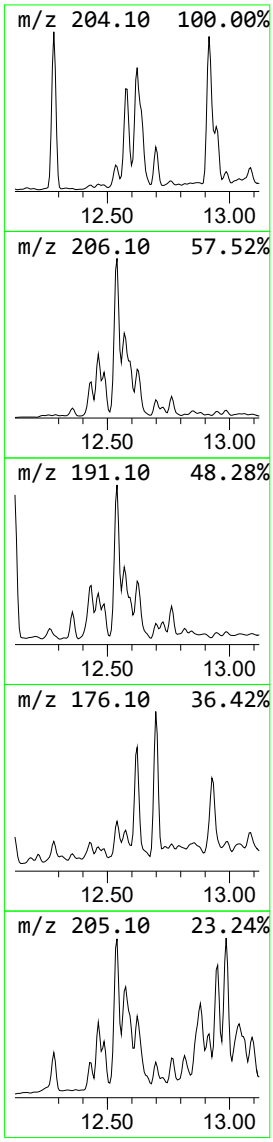
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.621	3.40 ng	135808	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	56
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	55
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	45





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Operator : RC/JU
Sample : Q2677-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-07222025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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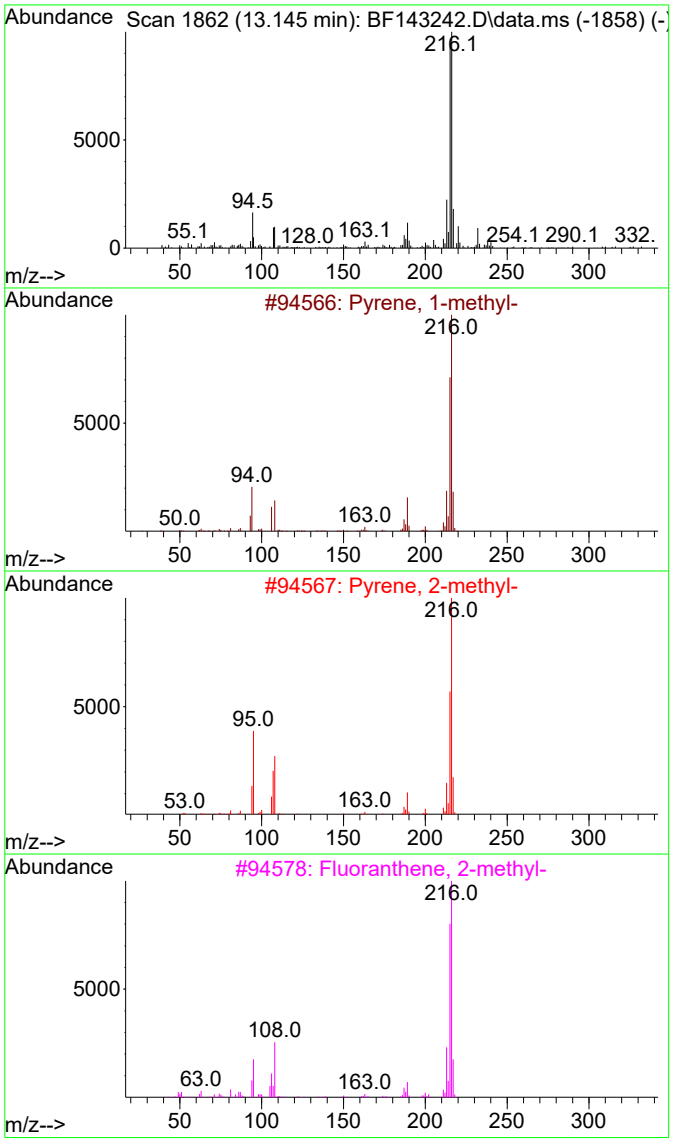
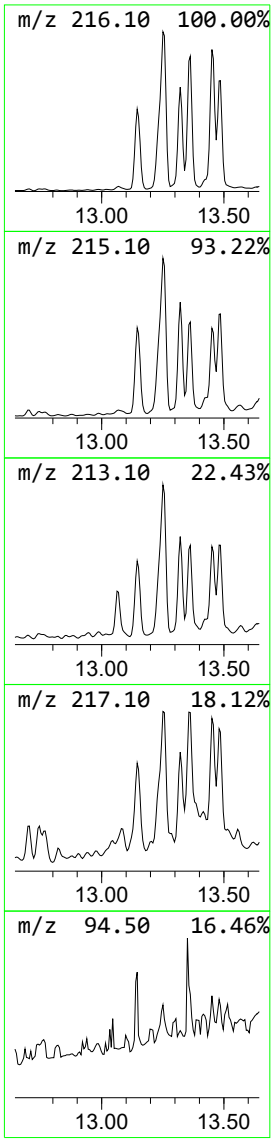
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.145	4.54 ng	232738	Chrysene-d12	14.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89





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Acq On : 24 Jul 2025 19:24
Operator : RC/JU
Sample : Q2677-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-07222025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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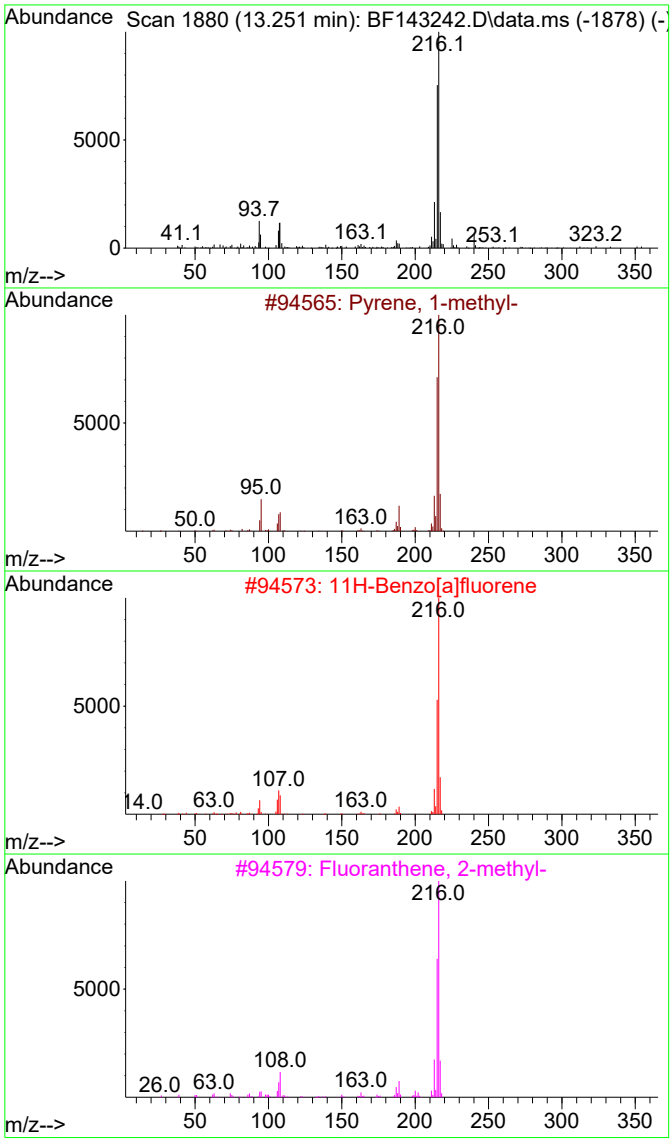
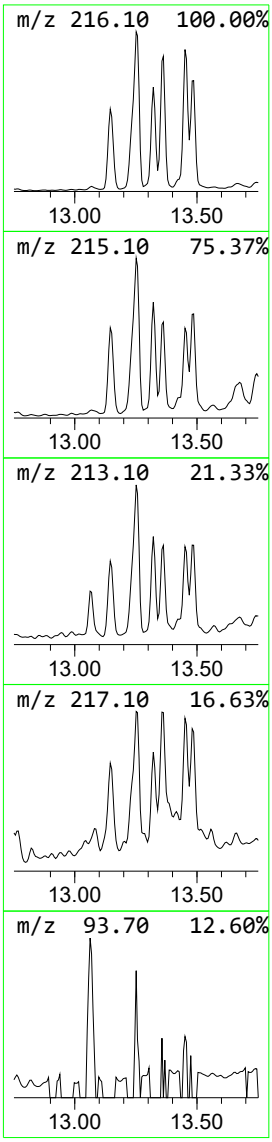
Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	4.04 ng	207259	Chrysene-d12	14.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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Data File : BF143242.D
Acq On : 24 Jul 2025 19:24
Operator : RC/JU
Sample : Q2677-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-07222025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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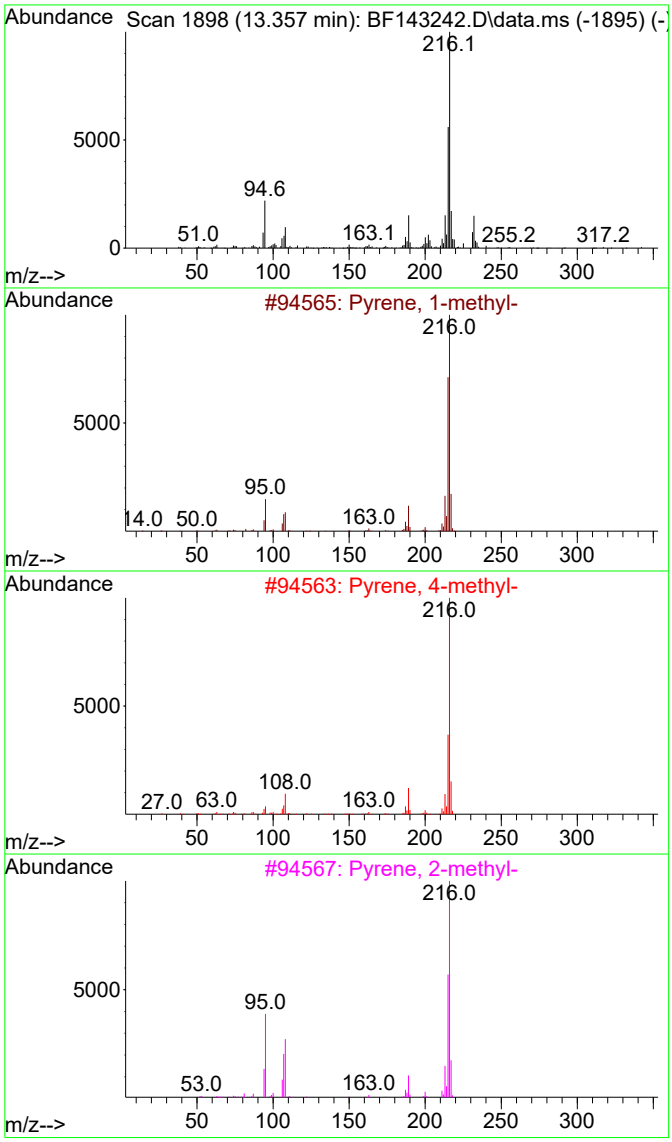
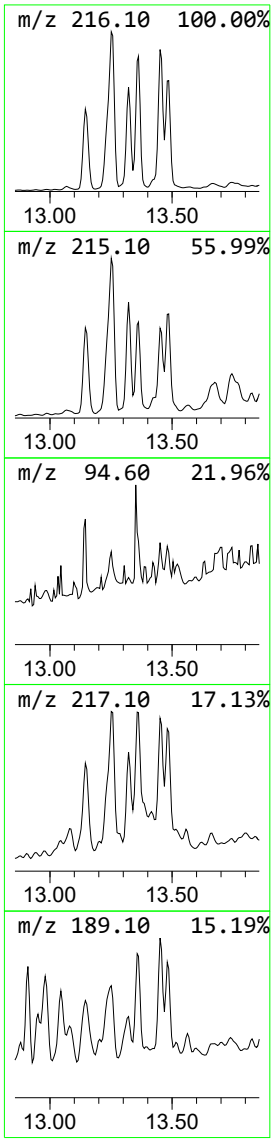
Peak Number 13 Pyrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.357	3.46 ng	177168	Chrysene-d12	14.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74





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Data File : BF143242.D
Acq On : 24 Jul 2025 19:24
Operator : RC/JU
Sample : Q2677-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-07222025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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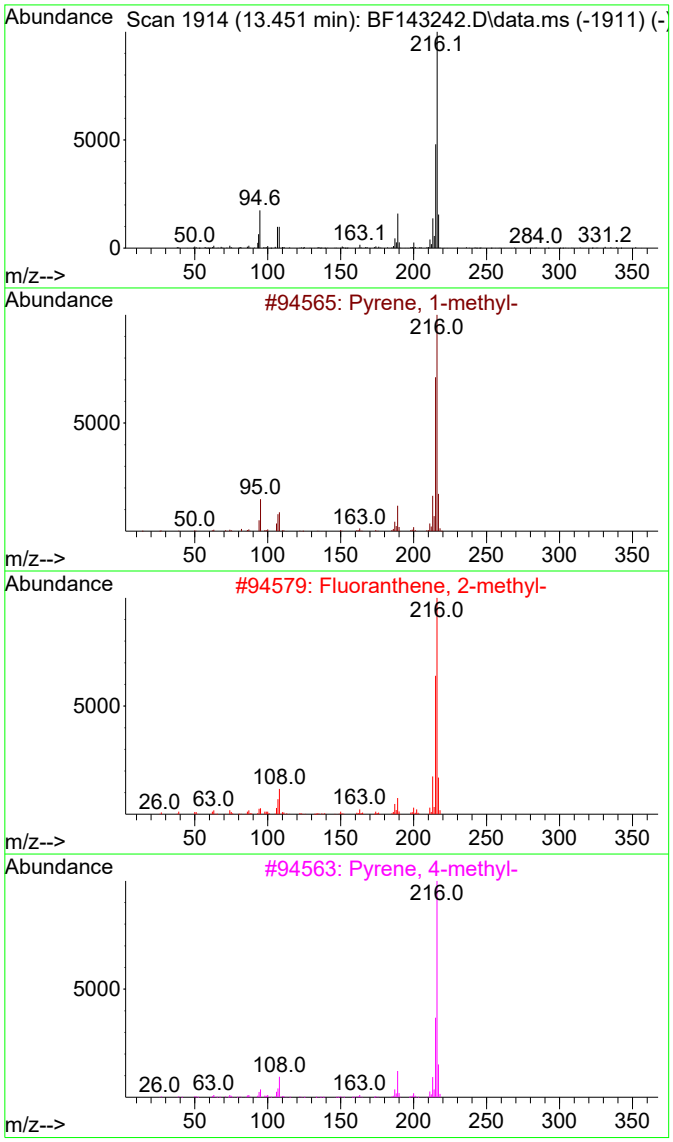
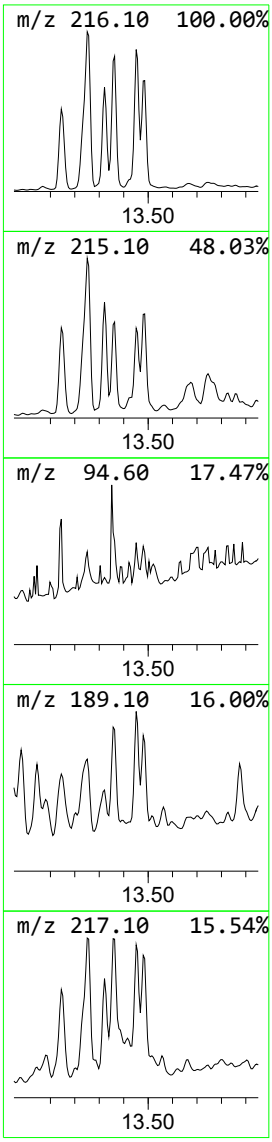
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.451	2.47 ng	126584	Chrysene-d12	14.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143242.D
Acq On : 24 Jul 2025 19:24
Operator : RC/JU
Sample : Q2677-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-07222025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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...	2.269	14.5	ng	396949	1	6.963	548563	20.0
2-Pentanone, 4-...	5.181	3.1	ng	84625	1	6.963	548563	20.0
Benzophenone	10.704	3.3	ng	115609	3	9.998	708589	20.0
Benzene, (4,5,5...	10.910	2.2	ng	88314	4	11.486	799952	20.0
Phenanthrene, 2...	12.010	13.3	ng	532813	4	11.486	799952	20.0
Anthracene, 2-m...	12.063	2.1	ng	83739	4	11.486	799952	20.0
4H-Cyclopenta[d...	12.098	11.6	ng	462580	4	11.486	799952	20.0
Phenanthrene, 2...	12.539	6.9	ng	277633	4	11.486	799952	20.0
unknown12.575	12.575	5.3	ng	210025	4	11.486	799952	20.0
Cyclopenta(def)...	12.621	3.4	ng	135808	4	11.486	799952	20.0
Pyrene, 1-methyl-	13.145	4.5	ng	232738	5	14.127	1025480	20.0
11H-Benzo[a]flu...	13.251	4.0	ng	207259	5	14.127	1025480	20.0
Pyrene, 4-methyl-	13.357	3.5	ng	177168	5	14.127	1025480	20.0
Fluoranthene, 2...	13.451	2.5	ng	126584	5	14.127	1025480	20.0