LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141523.D
Acq On : 07 Feb 2025 22:07
Operator : RC/JU
Sample : Q1232-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141523.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.981	480	491	498	rBV	15158	24045	1.42%	0.128%
2	5.410	559	564	581	rVB	515536	712666	42.11%	3.801%
3	5.657	598	606	613	rBV	52877	74134	4.38%	0.395%
4	6.428	732	737	755	rBV	539693	771810	45.61%	4.117%
5	6.793	794	799	807	rBV	411588	514064	30.38%	2.742%
6	7.351	889	894	905	rBV	350536	458850	27.12%	2.447%
7	7.610	932	938	949	rVB2	11388	18724	1.11%	0.100%
8	8.075	1011	1017	1035	rBV2	490018	718789	42.48%	3.834%
9	8.787	1134	1138	1145	rVB	33605	41829	2.47%	0.223%
10	8.886	1150	1155	1163	rVB	24294	31371	1.85%	0.167%
11	9.145	1194	1199	1209	rBV	657750	839107	49.59%	4.476%
12	9.416	1239	1245	1251	rBV	16888	26789	1.58%	0.143%
13	9.486	1252	1257	1260	rBV	26301	38897	2.30%	0.207%
14	9.604	1271	1277	1282	rBV2	11923	19865	1.17%	0.106%
15	9.686	1286	1291	1295	rVB	19536	25370	1.50%	0.135%
16	9.828	1306	1315	1318	rBV	506942	648056	38.30%	3.457%
17	9.863	1318	1321	1325	rVB	142163	174058	10.29%	0.928%
18	9.986	1337	1342	1345	rBV2	13859	17615	1.04%	0.094%
19	10.033	1345	1350	1354	rVV	93051	124021	7.33%	0.662%
20	10.233	1380	1384	1386	rBV2	11920	17567	1.04%	0.094%
21	10.375	1404	1408	1413	rBV	170660	221340	13.08%	1.181%
22	10.445	1413	1420	1421	rBV	22896	39520	2.34%	0.211%
23	10.463	1421	1423	1428	rVV2	25916	36280	2.14%	0.194%
24	10.539	1429	1436	1442	rVB2	107983	166216	9.82%	0.887%
25	10.616	1444	1449	1455	rBV	340885	465722	27.52%	2.484%
26	10.745	1465	1471	1477	rVB6	21882	41947	2.48%	0.224%
27	10.922	1495	1501	1505	rBV3	45996	86264	5.10%	0.460%
28	11.004	1512	1515	1519	rVB2	12532	16975	1.00%	0.091%
29	11.051	1519	1523	1525	rBV2	20648	31365	1.85%	0.167%
30	11.122	1531	1535	1539	rVB	40852	53721	3.17%	0.287%
31	11.169	1539	1543	1547	rBV3	34225	63424	3.75%	0.338%
32	11.216	1547	1551	1557	rVB	64316	91675	5.42%	0.489%
33	11.345	1569	1573	1577	rVB	1187407	1590217	93.97%	8.482%
34	11.392	1577	1581	1585	rVV	390133	483587	28.58%	2.579%
35	11.428	1585	1587	1592	rVB	45007	48367	2.86%	0.258%
36	11.551	1601	1608	1615	rBV2	132380	224519	13.27%	1.198%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141523.D
Acq On : 07 Feb 2025 22:07
Operator : RC/JU
Sample : Q1232-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.616	1615	1619	1622	rVV2	28420	40370	2.39%	0.215%
38	11.651	1622	1625	1630	rVB3	21598	32359	1.91%	0.173%
39	11.822	1649	1654	1656	rBV	140773	204099	12.06%	1.089%
40	11.845	1656	1658	1663	rVV	221070	267451	15.80%	1.427%
41	11.892	1663	1666	1669	rVV	90642	115779	6.84%	0.618%
42	11.933	1669	1673	1681	rVB3	264482	488900	28.89%	2.608%
43	11.998	1681	1684	1686	rBV2	27180	36524	2.16%	0.195%
44	12.116	1700	1704	1707	rBV	86795	109180	6.45%	0.582%
45	12.263	1725	1729	1732	rBV3	47796	65934	3.90%	0.352%
46	12.298	1732	1735	1737	rVV	16865	21281	1.26%	0.114%
47	12.369	1743	1747	1750	rBV	66224	97873	5.78%	0.522%
48	12.410	1751	1754	1759	rVV2	49090	78175	4.62%	0.417%
49	12.457	1759	1762	1768	rVB2	56151	82417	4.87%	0.440%
50	12.533	1770	1775	1780	rBV	1317539	1680768	99.32%	8.965%
51	12.574	1780	1782	1784	rBV2	21185	23881	1.41%	0.127%
52	12.763	1807	1814	1819	rBV2	1073512	1692210	100.00%	9.026%
53	12.810	1819	1822	1828	rVB2	69956	97969	5.79%	0.523%
54	12.904	1830	1838	1845	rBV2	581507	908321	53.68%	4.845%
55	12.980	1846	1851	1855	rBV2	91771	170898	10.10%	0.912%
56	13.086	1863	1869	1874	rVB	197955	337065	19.92%	1.798%
57	13.157	1877	1881	1884	rBV	163920	205430	12.14%	1.096%
58	13.192	1884	1887	1895	rVB3	110075	182302	10.77%	0.972%
59	13.316	1906	1908	1916	rVB2	50791	77524	4.58%	0.414%
60	13.710	1972	1975	1977	rBV2	59112	77508	4.58%	0.413%
61	13.957	2012	2017	2021	rBV2	668586	1183533	69.94%	6.313%
62	15.016	2192	2197	2205	rVB	301234	661578	39.10%	3.529%
63	15.310	2244	2247	2253	rVB	146786	214702	12.69%	1.145%
64	15.368	2253	2257	2263	rBV	223178	339511	20.06%	1.811%
65	15.433	2264	2268	2272	rBV	179877	295838	17.48%	1.578%

Sum of corrected areas: 18748146

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141523.D
Acq On : 07 Feb 2025 22:07
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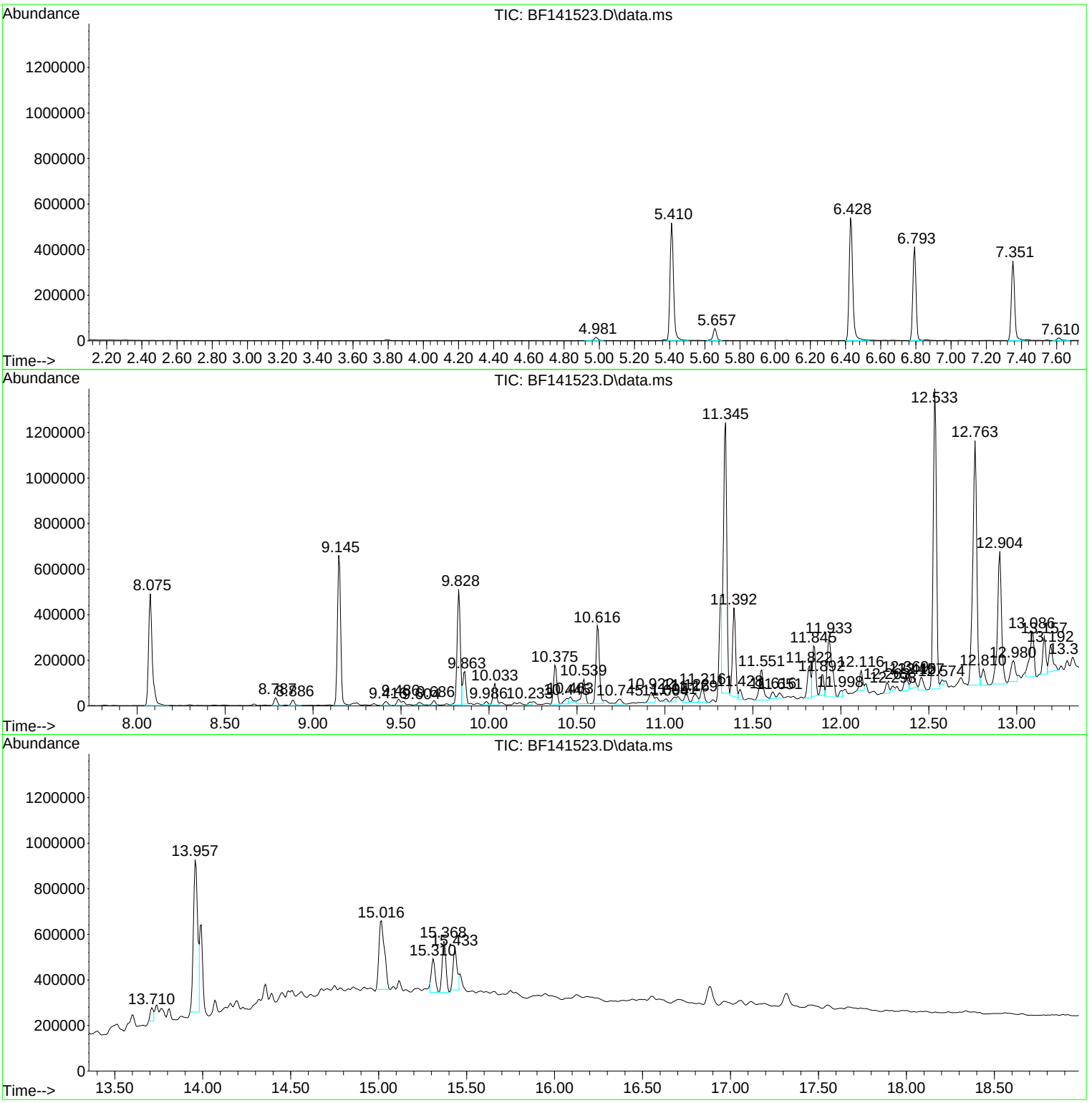
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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\BF020725\
Data File : BF141523.D
Acq On : 07 Feb 2025 22:07
Operator : RC/JU
Sample : Q1232-07 2X
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

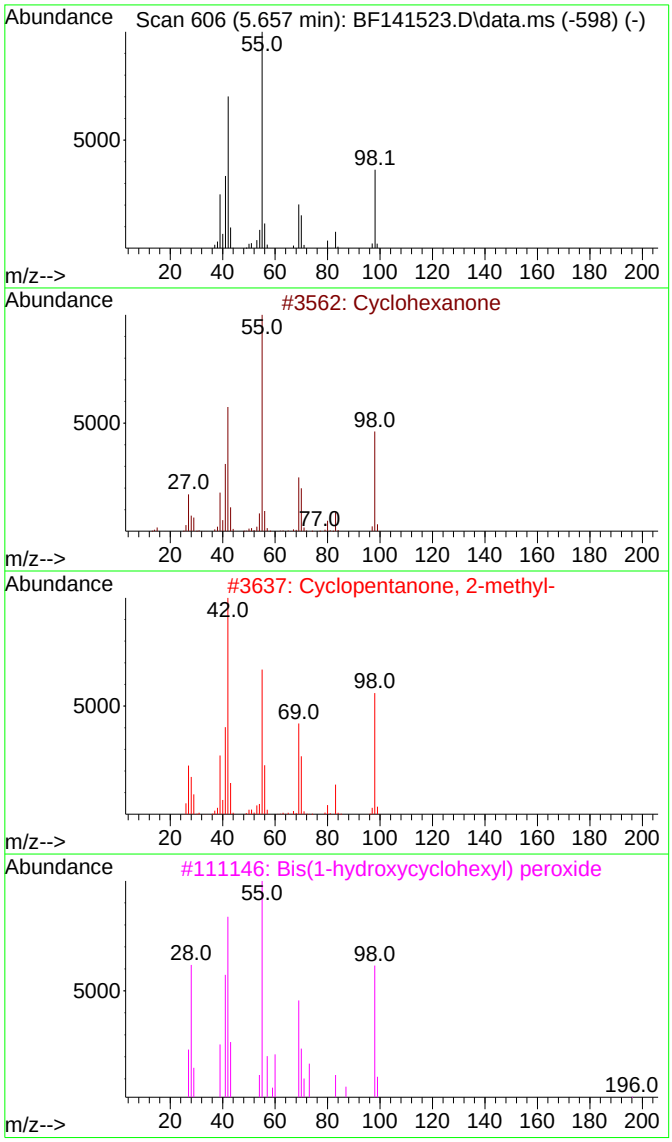
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

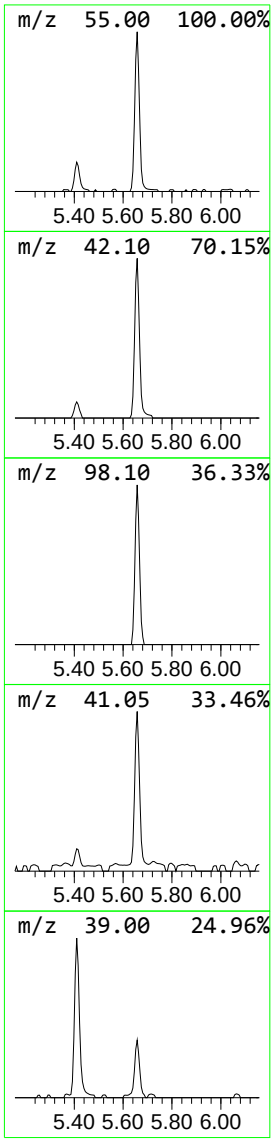
****

Peak Number 1 Cyclohexanone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.657	2.88 ng	74134	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	91
2	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	83
3	Bis(1-hydroxycyclohexyl) peroxide	230	C12H22O4	002407-94-5	42
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	35
5	2H-Imidazol-2-one, 1,3-dihydro-4...	98	C4H6N2O	001192-34-3	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141523.D
Acq On : 07 Feb 2025 22:07
Operator : RC/JU
Sample : Q1232-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

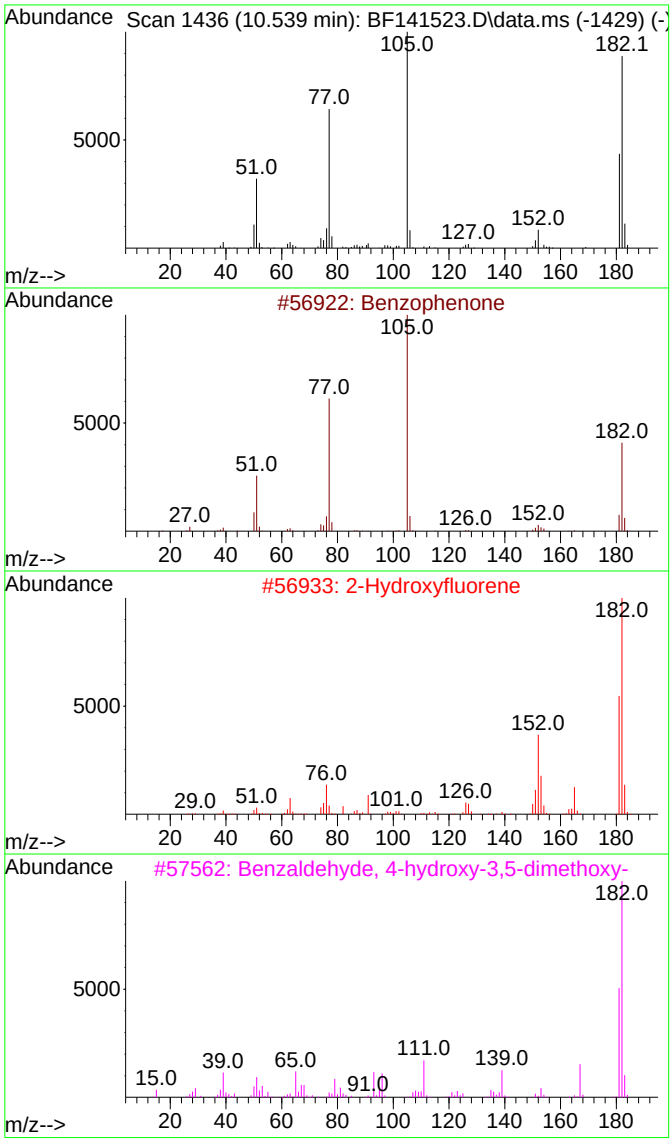
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

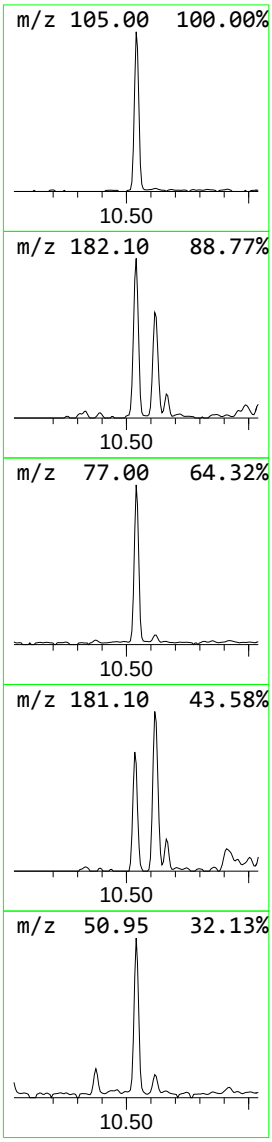
****

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	5.13 ng	166216	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	91
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	50
3	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	47
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	43
5	3,5-Dimethoxybenzoic acid	182	C9H10O4	001132-21-4	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141523.D
Acq On : 07 Feb 2025 22:07
Operator : RC/JU
Sample : Q1232-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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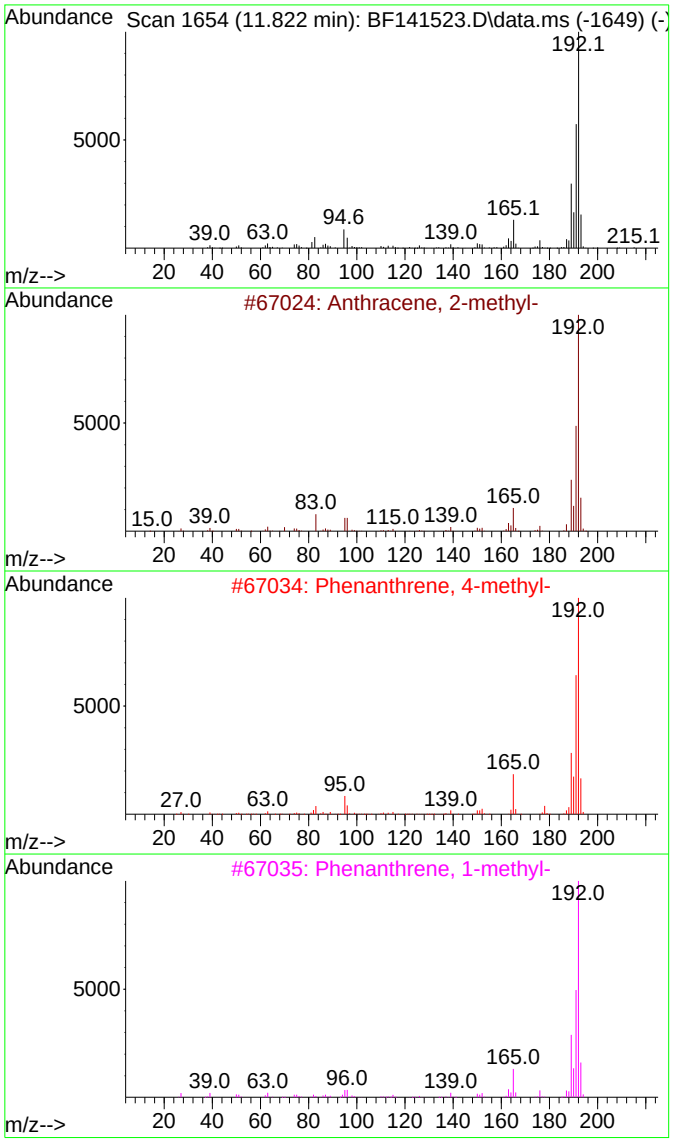
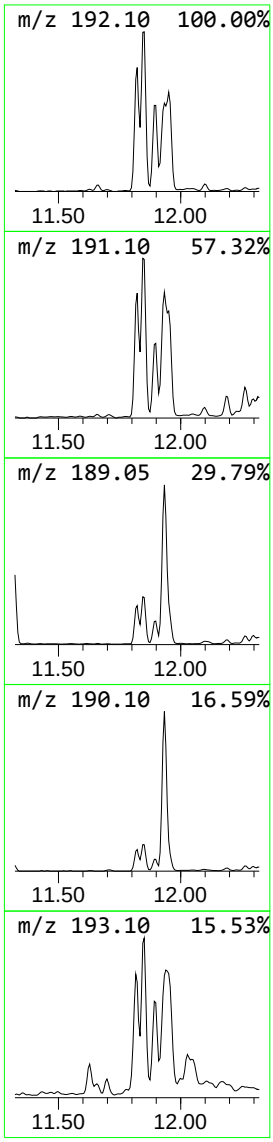
Peak Number 3 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	2.57 ng	204099	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141523.D
Acq On : 07 Feb 2025 22:07
Operator : RC/JU
Sample : Q1232-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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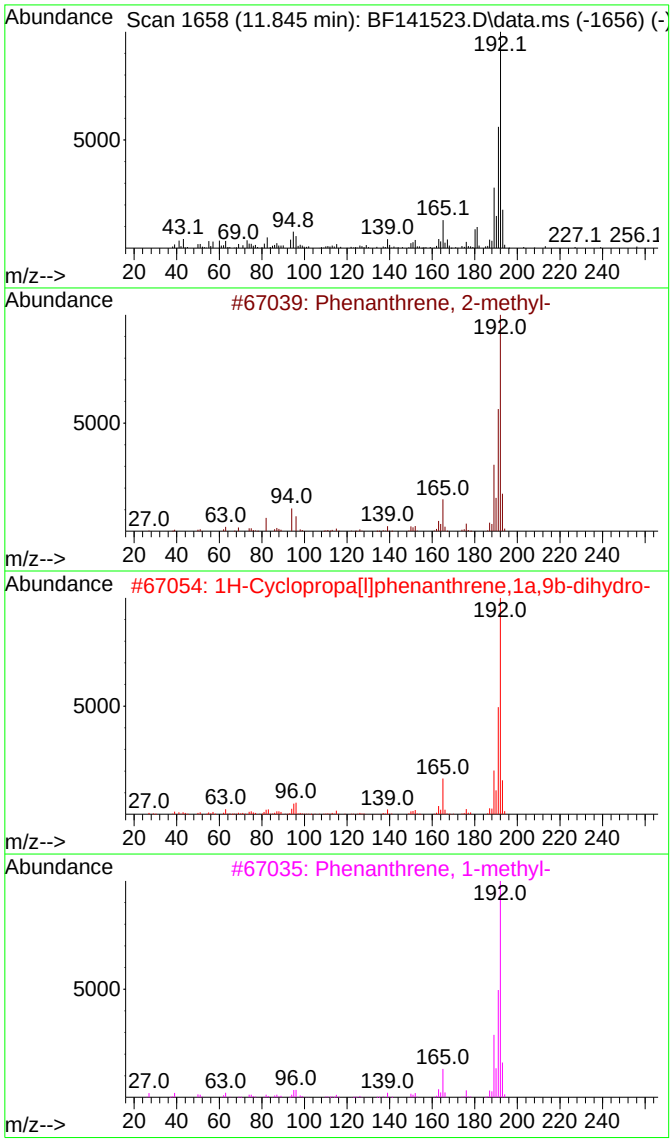
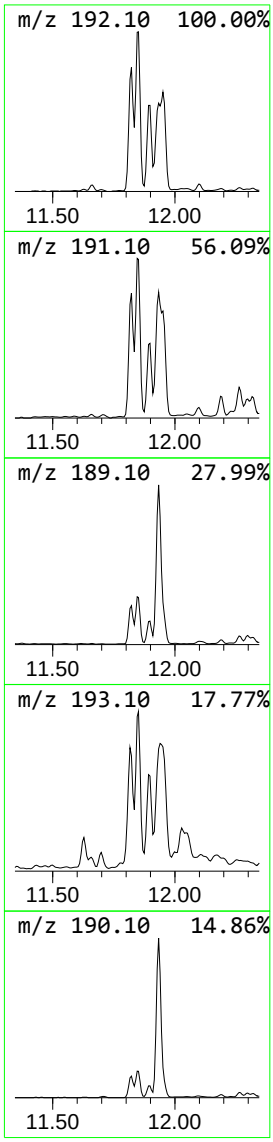
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	3.36 ng	267451	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141523.D
Acq On : 07 Feb 2025 22:07
Operator : RC/JU
Sample : Q1232-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

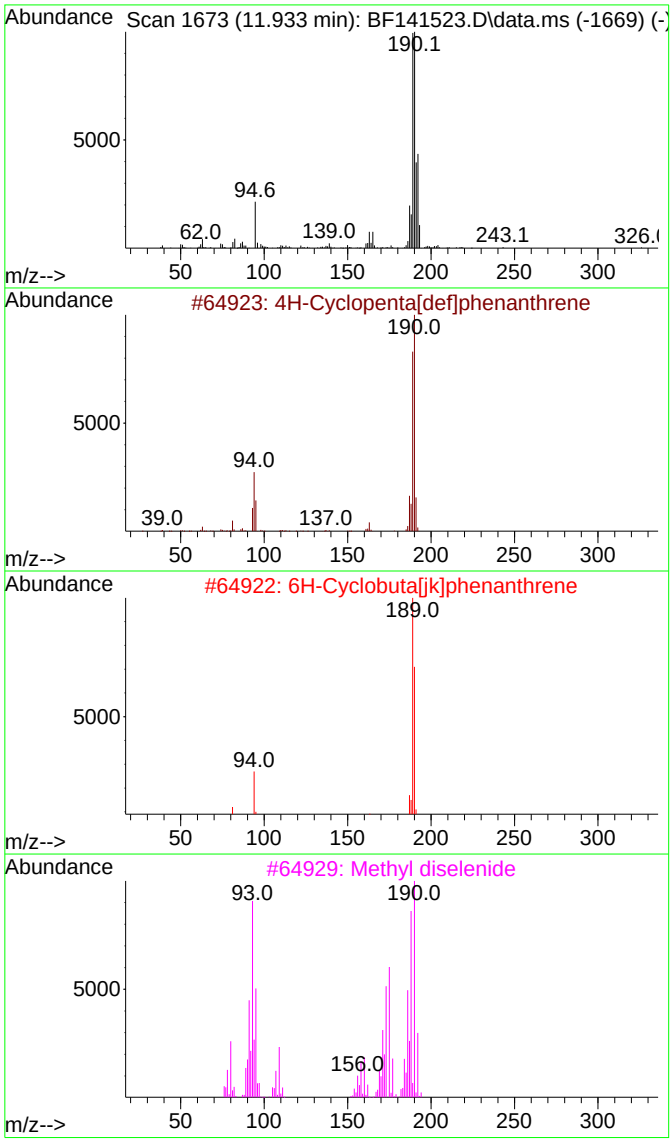
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

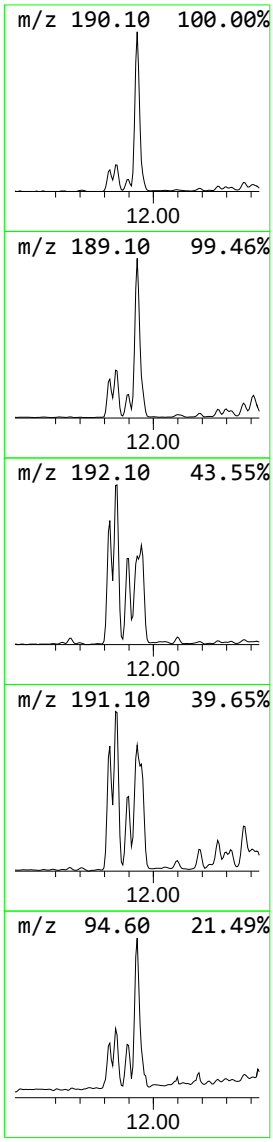
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	6.15 ng	488900	Phenanthrene-d10	11.316

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	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141523.D
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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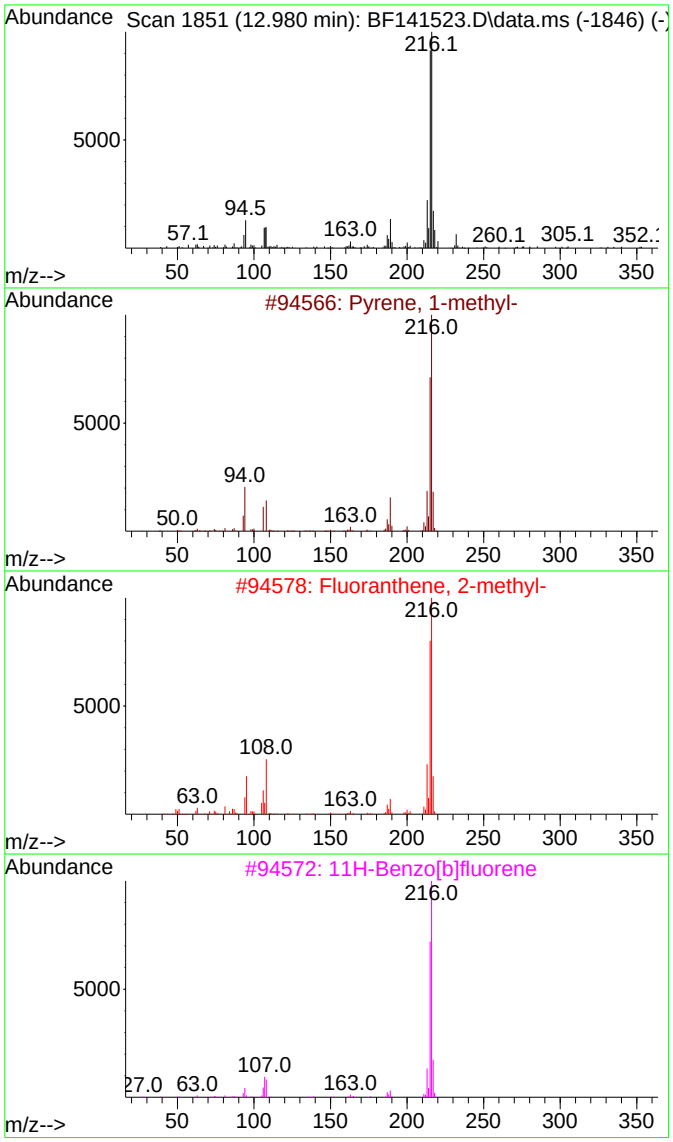
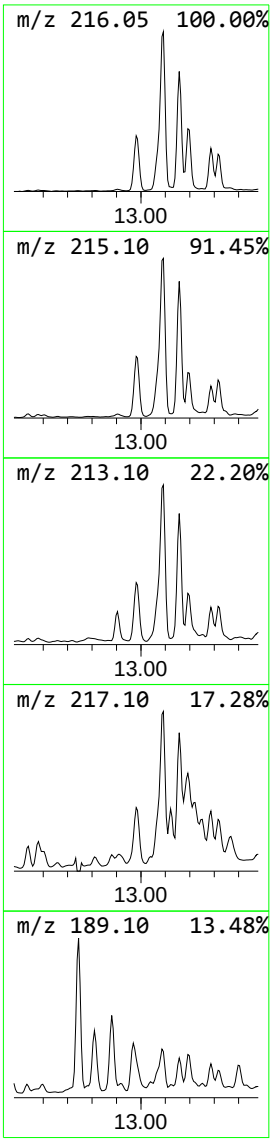
Peak Number 6 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	2.89 ng	170898	Chrysene-d12	13.963

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	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141523.D
Acq On : 07 Feb 2025 22:07
Operator : RC/JU
Sample : Q1232-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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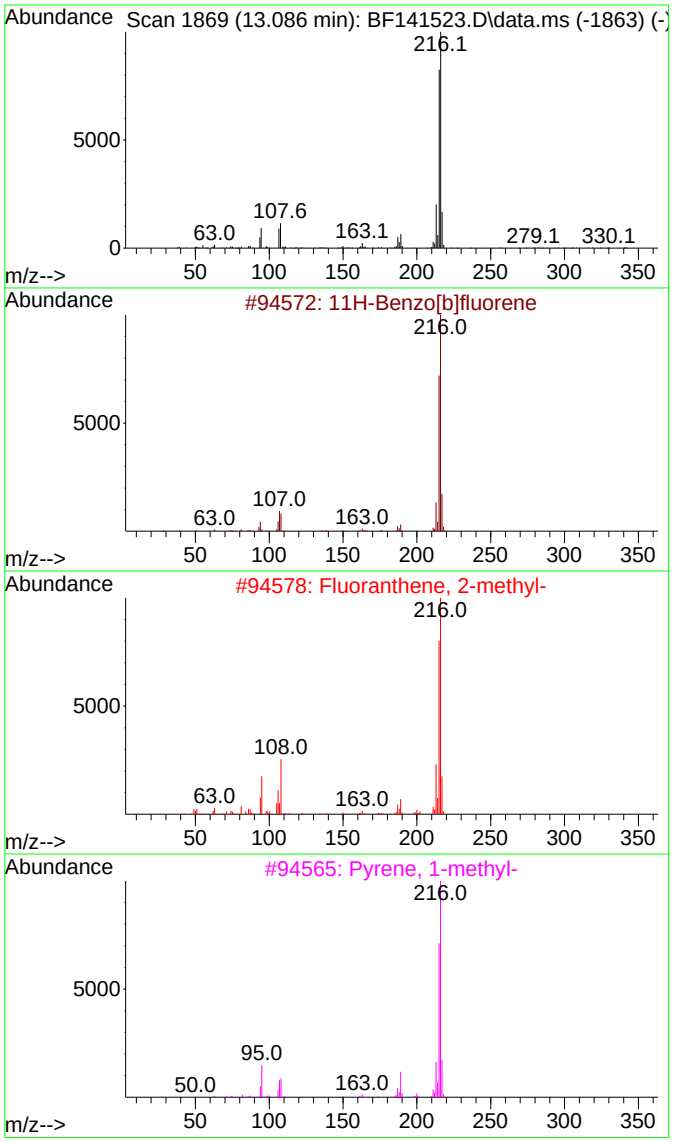
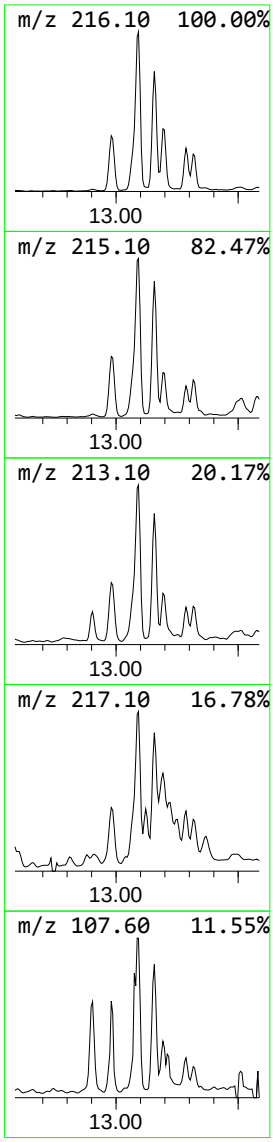
Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	5.70 ng	337065	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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Data File : BF141523.D
Acq On : 07 Feb 2025 22:07
Operator : RC/JU
Sample : Q1232-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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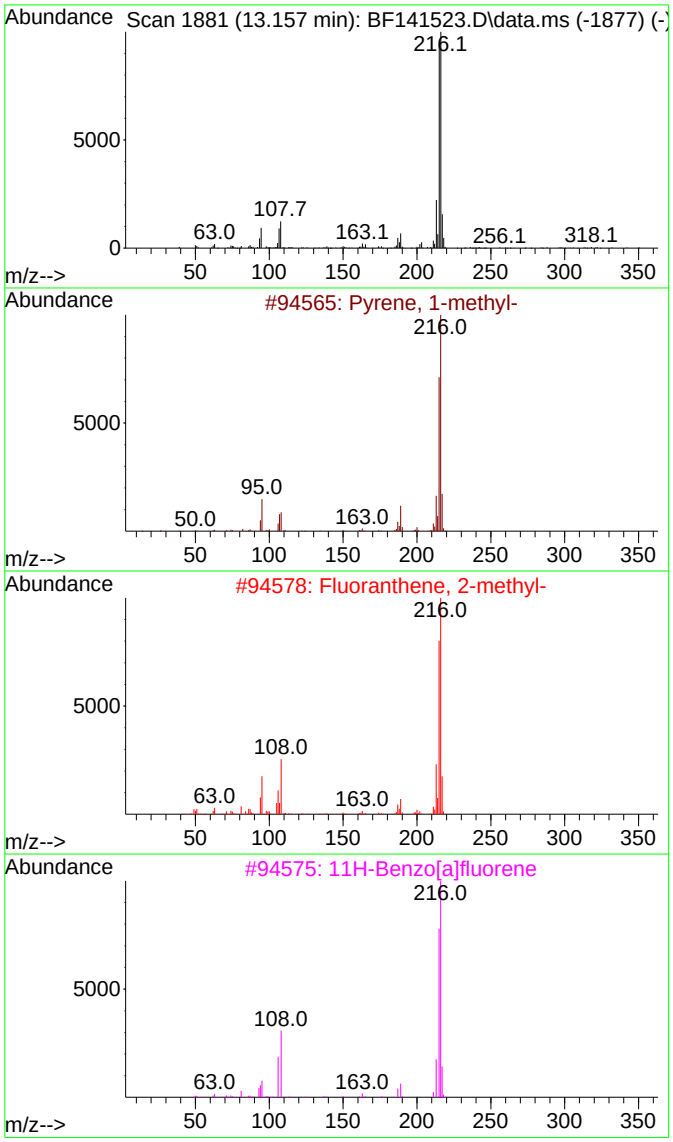
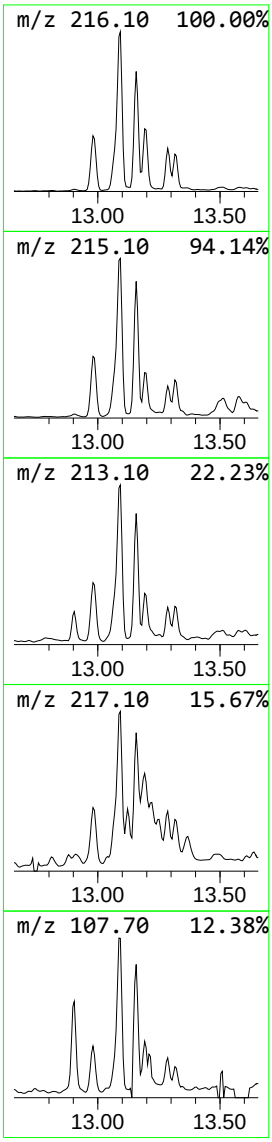
Peak Number 8 Fluoranthene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	3.47 ng	205430	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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Data File : BF141523.D
Acq On : 07 Feb 2025 22:07
Operator : RC/JU
Sample : Q1232-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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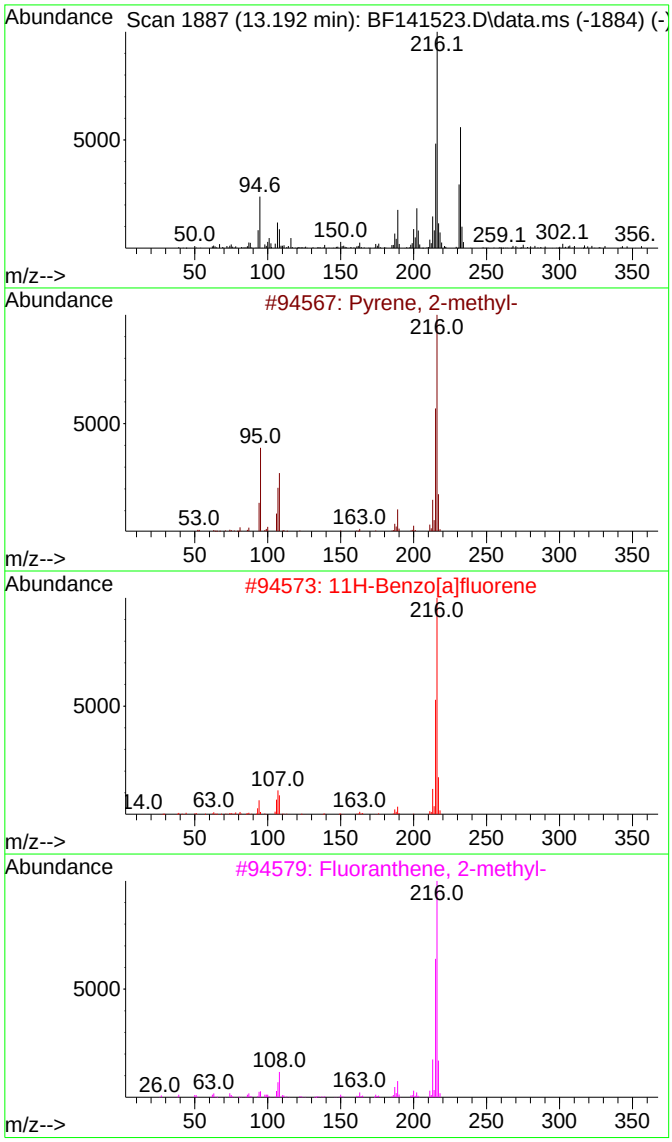
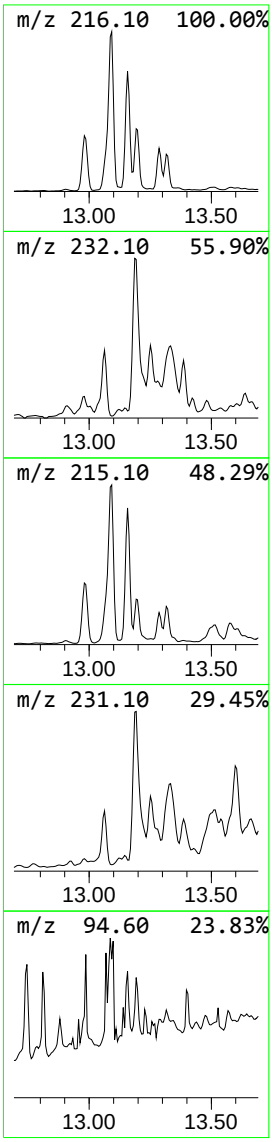
Peak Number 9 unknown13.192 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	3.08 ng	182302	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	49
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	49
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	46
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	46
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141523.D
Acq On : 07 Feb 2025 22:07
Operator : RC/JU
Sample : Q1232-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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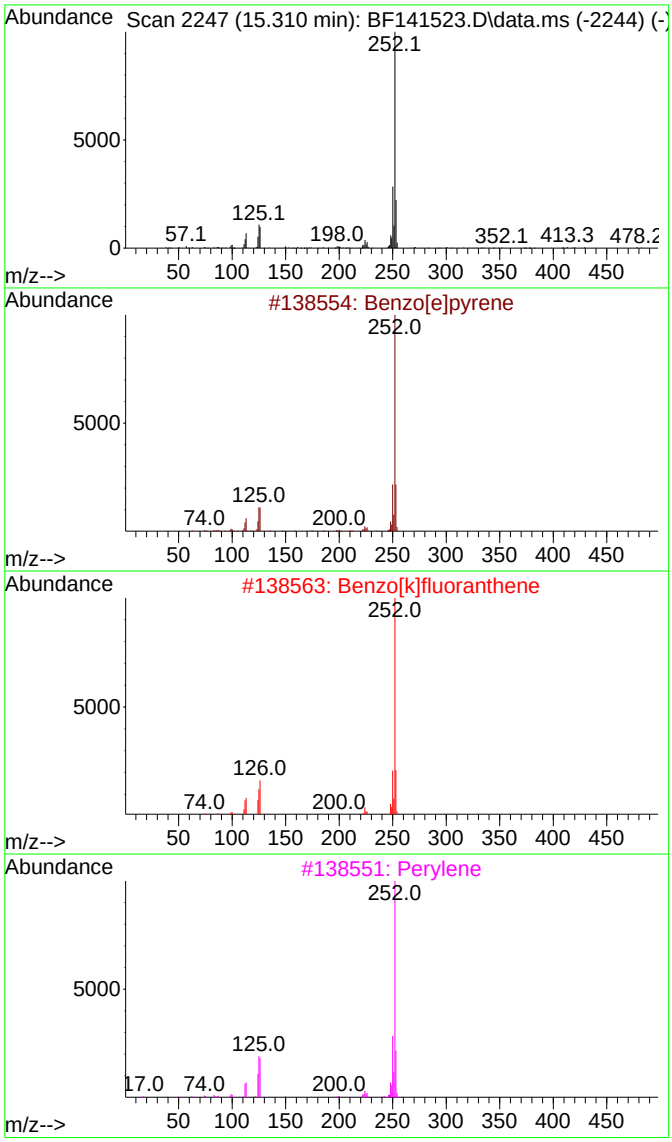
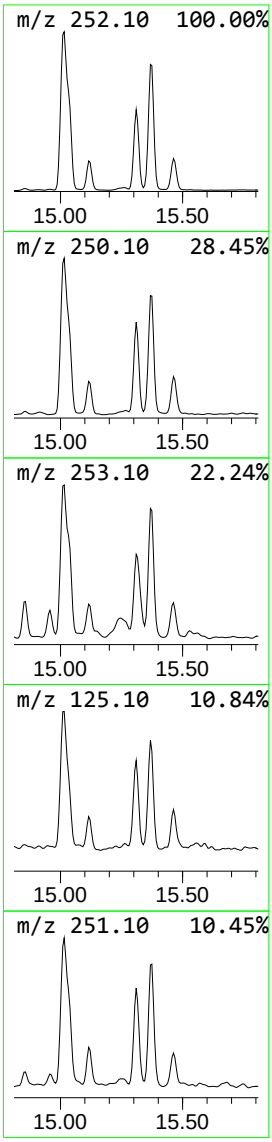
Peak Number 10 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.310	14.51 ng	214702	Perylene-d12	15.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141523.D
Acq On : 07 Feb 2025 22:07
Operator : RC/JU
Sample : Q1232-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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
Cyclohexanone	5.657	2.9	ng	74134	1	6.793	514064	20.0
Benzophenone	10.539	5.1	ng	166216	3	9.828	648056	20.0
Anthracene, 2-m...	11.822	2.6	ng	204099	4	11.316	1590220	20.0
Phenanthrene, 2...	11.845	3.4	ng	267451	4	11.316	1590220	20.0
4H-Cyclopenta[d...	11.933	6.2	ng	488900	4	11.316	1590220	20.0
Pyrene, 1-methyl-	12.980	2.9	ng	170898	5	13.963	1183530	20.0
11H-Benzo[b]flu...	13.086	5.7	ng	337065	5	13.963	1183530	20.0
Fluoranthene, 2...	13.157	3.5	ng	205430	5	13.963	1183530	20.0
unknown13.192	13.192	3.1	ng	182302	5	13.963	1183530	20.0
Benzo[e]pyrene	15.310	14.5	ng	214702	6	15.433	295838	20.0