LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141392.D
Acq On : 04 Feb 2025 01:42
Operator : RC/JU
Sample : Q1216-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JPP-21.2-012825

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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141392.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.987	484	492	498	rBV2	8140	13657	1.49%	0.106%
2	5.416	560	565	580	rBV	581673	781442	85.01%	6.071%
3	6.434	733	738	755	rBV	563725	789656	85.90%	6.135%
4	6.792	794	799	807	rVB	382890	478750	52.08%	3.720%
5	7.351	889	894	905	rBV	399186	509027	55.38%	3.955%
6	7.610	933	938	947	rBV	17139	24947	2.71%	0.194%
7	8.075	1011	1017	1027	rBV	478356	613895	66.78%	4.770%
8	8.786	1135	1138	1144	rVB	8360	11302	1.23%	0.088%
9	8.886	1151	1155	1161	rVB	8189	10830	1.18%	0.084%
10	9.151	1195	1200	1209	rBV	631637	786401	85.55%	6.110%
11	9.233	1209	1214	1221	rVB4	7380	14900	1.62%	0.116%
12	9.410	1240	1244	1253	rBV2	5785	10400	1.13%	0.081%
13	9.486	1253	1257	1260	rBV	11404	15465	1.68%	0.120%
14	9.692	1288	1292	1296	rBV	8814	11131	1.21%	0.086%
15	9.828	1310	1315	1319	rBV	466119	594552	64.68%	4.619%
16	9.863	1319	1321	1325	rVB	49363	50299	5.47%	0.391%
17	10.033	1346	1350	1354	rVV2	31849	39758	4.33%	0.309%
18	10.145	1365	1369	1372	rBV2	6933	9541	1.04%	0.074%
19	10.239	1380	1385	1387	rBV6	6415	10630	1.16%	0.083%
20	10.375	1404	1408	1413	rVB	43797	54604	5.94%	0.424%
21	10.439	1413	1419	1421	rBV3	8260	14371	1.56%	0.112%
22	10.539	1432	1436	1441	rVB2	47926	63637	6.92%	0.494%
23	10.616	1444	1449	1455	rVV	332550	438651	47.72%	3.408%
24	10.669	1455	1458	1466	rVV2	10901	19144	2.08%	0.149%
25	10.745	1466	1471	1478	rVB5	11982	18692	2.03%	0.145%
26	10.927	1495	1502	1504	rBV4	13157	25100	2.73%	0.195%
27	11.057	1519	1524	1525	rBV4	11149	16103	1.75%	0.125%
28	11.122	1531	1535	1539	rVB	27615	33847	3.68%	0.263%
29	11.175	1539	1544	1547	rVV3	15262	29892	3.25%	0.232%
30	11.210	1547	1550	1556	rVB	29242	40520	4.41%	0.315%
31	11.316	1563	1568	1570	rBV	400592	544000	59.18%	4.227%
32	11.339	1570	1572	1577	rVV	524142	603638	65.67%	4.690%
33	11.392	1577	1581	1585	rVV	128284	170611	18.56%	1.326%
34	11.427	1585	1587	1593	rVB	15372	17997	1.96%	0.140%
35	11.551	1601	1608	1615	rBV2	49783	92476	10.06%	0.718%
36	11.616	1615	1619	1622	rVV2	16580	21737	2.36%	0.169%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141392.D
Acq On : 04 Feb 2025 01:42
Operator : RC/JU
Sample : Q1216-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.651	1622	1625	1630	rVB4	12412	17233	1.87%	0.134%
38	11.816	1649	1653	1655	rBV	54289	69858	7.60%	0.543%
39	11.845	1655	1658	1663	rVV	136682	187564	20.40%	1.457%
40	11.892	1663	1666	1669	rVV	34741	46785	5.09%	0.363%
41	11.933	1669	1673	1681	rVB3	92120	177228	19.28%	1.377%
42	12.022	1682	1688	1691	rBV6	12221	23010	2.50%	0.179%
43	12.116	1700	1704	1706	rBV	43702	57654	6.27%	0.448%
44	12.263	1725	1729	1732	rBV2	24812	33901	3.69%	0.263%
45	12.369	1743	1747	1750	rBV	32980	47035	5.12%	0.365%
46	12.404	1751	1753	1758	rVB2	21289	29810	3.24%	0.232%
47	12.451	1758	1761	1767	rVB	35925	48863	5.32%	0.380%
48	12.527	1769	1774	1779	rBV	668386	885946	96.38%	6.883%
49	12.580	1779	1783	1788	rVB3	17998	35285	3.84%	0.274%
50	12.633	1789	1792	1793	rBV2	14039	16039	1.74%	0.125%
51	12.757	1806	1813	1819	rBV	603272	919228	100.00%	7.142%
52	12.810	1819	1822	1829	rVB2	32082	48138	5.24%	0.374%
53	12.904	1830	1838	1845	rBV	491317	702672	76.44%	5.459%
54	12.974	1845	1850	1854	rBV2	49191	96313	10.48%	0.748%
55	13.086	1866	1869	1873	rVB	72010	93812	10.21%	0.729%
56	13.151	1877	1880	1883	rVV	42505	58307	6.34%	0.453%
57	13.186	1883	1886	1894	rVB3	59102	107144	11.66%	0.832%
58	13.280	1900	1902	1905	rBV	21071	23013	2.50%	0.179%
59	13.316	1905	1908	1911	rVV2	23002	24724	2.69%	0.192%
60	13.592	1952	1955	1960	rVB	53922	70229	7.64%	0.546%
61	13.704	1970	1974	1977	rBV2	49297	83196	9.05%	0.646%
62	13.951	2011	2016	2020	rBV2	498675	910544	99.06%	7.074%
63	14.986	2188	2192	2201	rVB	195901	409335	44.53%	3.180%
64	15.280	2239	2242	2248	rVB	107085	165925	18.05%	1.289%
65	15.345	2249	2253	2259	rBV	138406	200244	21.78%	1.556%
66	15.404	2259	2263	2268	rBV	175249	300283	32.67%	2.333%

Sum of corrected areas: 12870921

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
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Acq On : 04 Feb 2025 01:42
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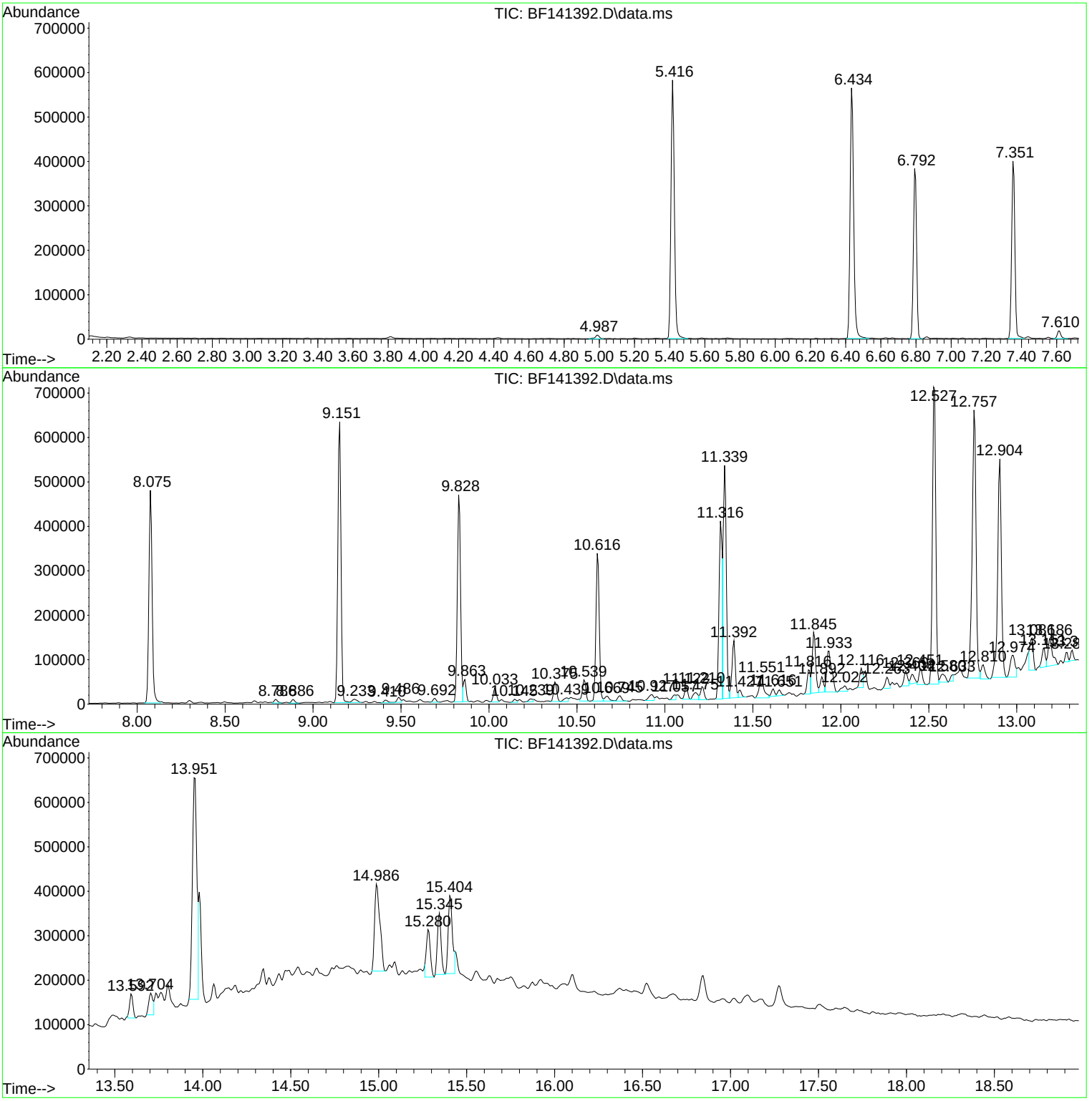
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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\BF020325\
Data File : BF141392.D
Acq On : 04 Feb 2025 01:42
Operator : RC/JU
Sample : Q1216-11 2X
Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

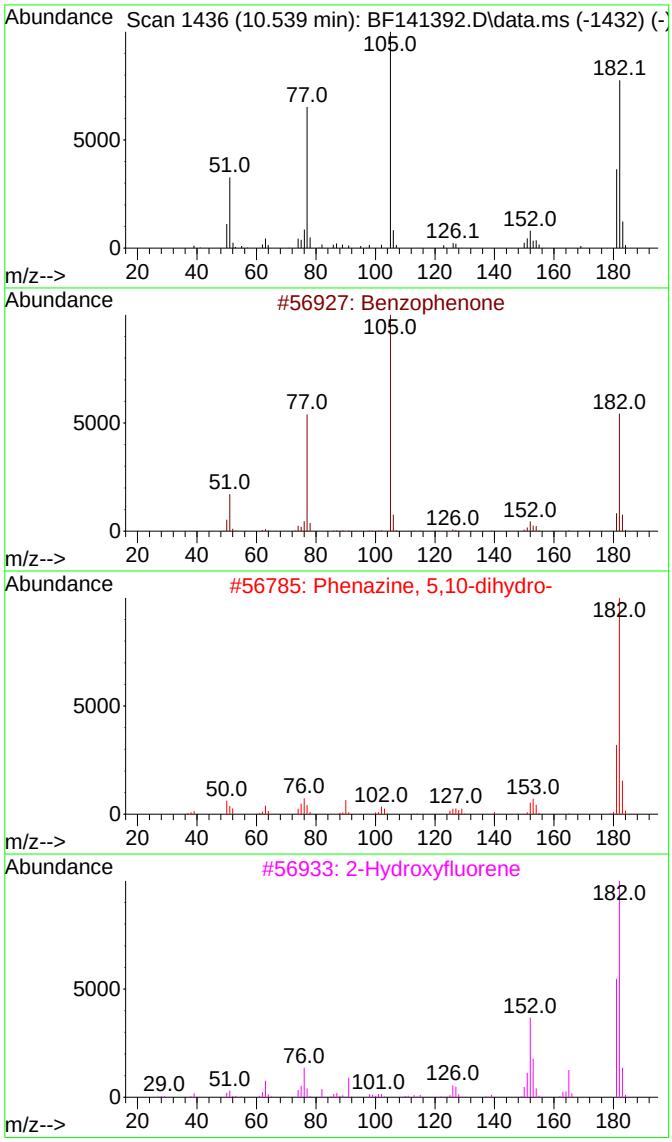
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

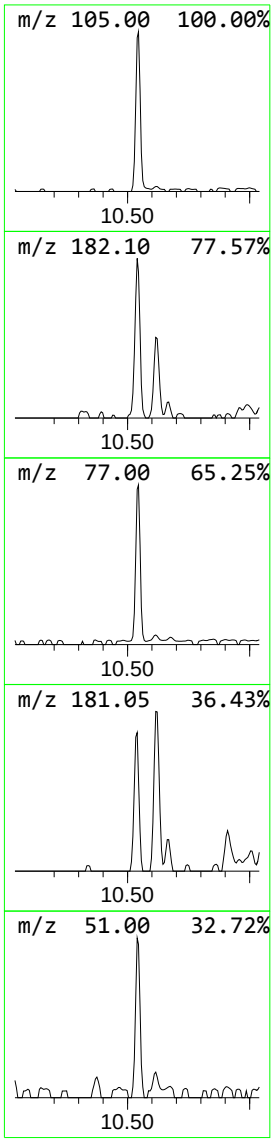
****

Peak Number 1 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	2.14 ng	63637	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	53
3	2-Hydroxyfluorene	182	C13H10O	002443-58-5	47
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	46
5	2,4,6-Trimethoxytoluene	182	C10H14O3	014107-97-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141392.D
Acq On : 04 Feb 2025 01:42
Operator : RC/JU
Sample : Q1216-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

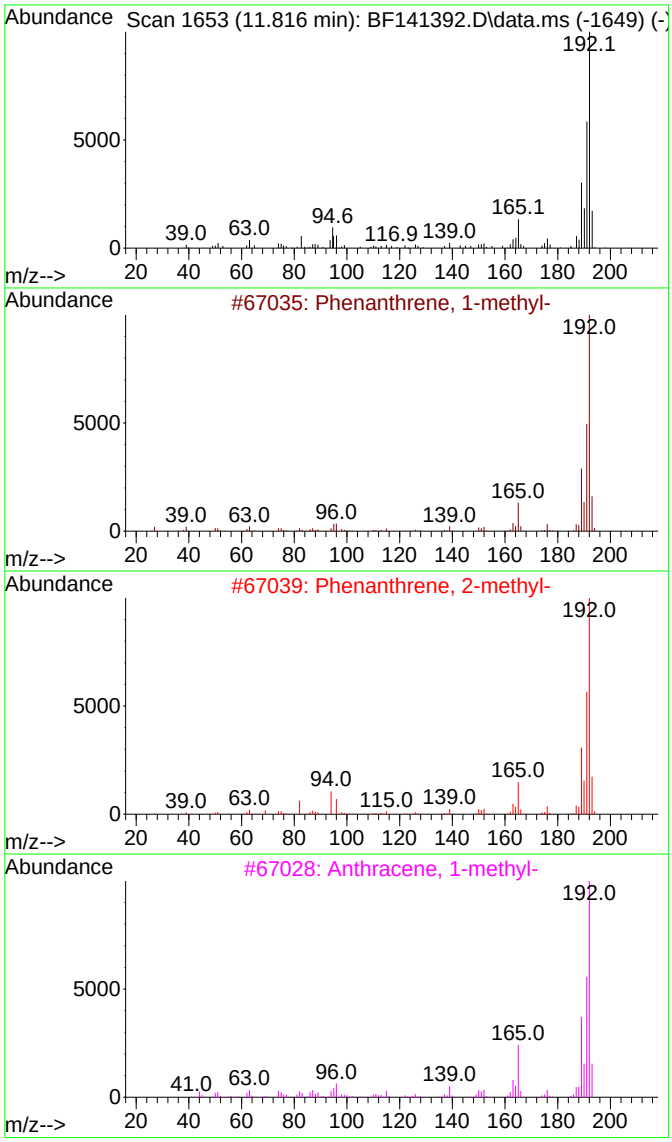
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

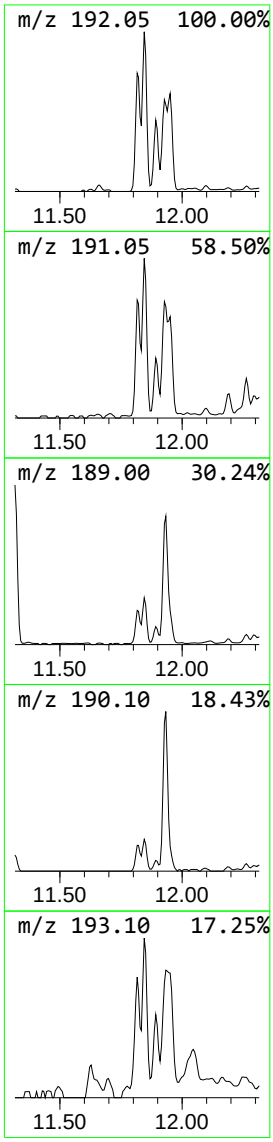
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	2.57 ng	69858	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141392.D
Acq On : 04 Feb 2025 01:42
Operator : RC/JU
Sample : Q1216-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

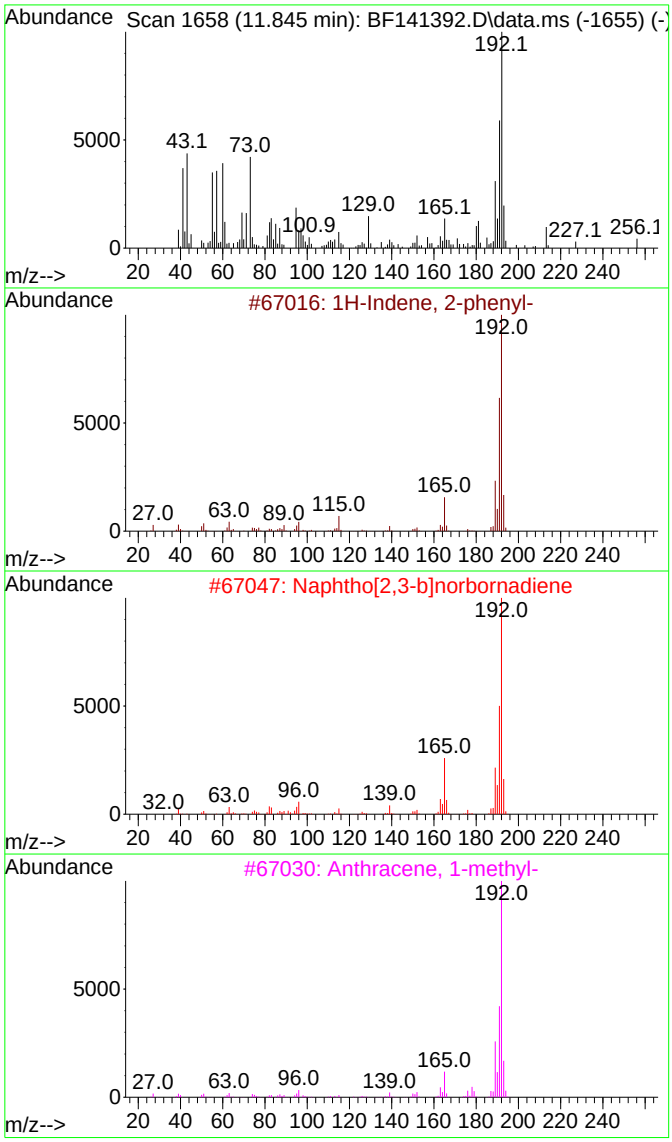
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

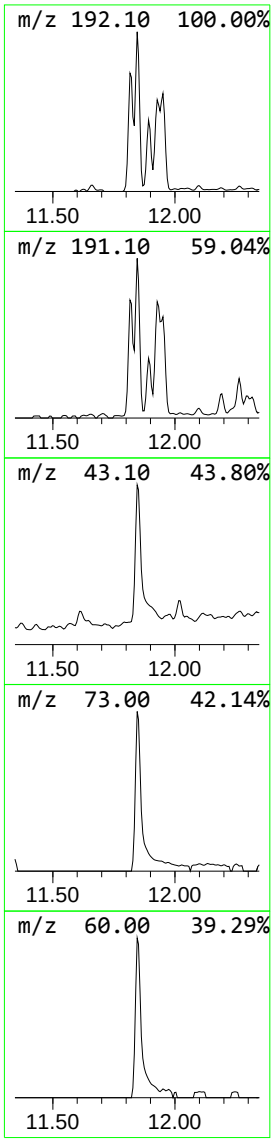
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	6.90 ng	187564	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	78
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141392.D
Acq On : 04 Feb 2025 01:42
Operator : RC/JU
Sample : Q1216-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

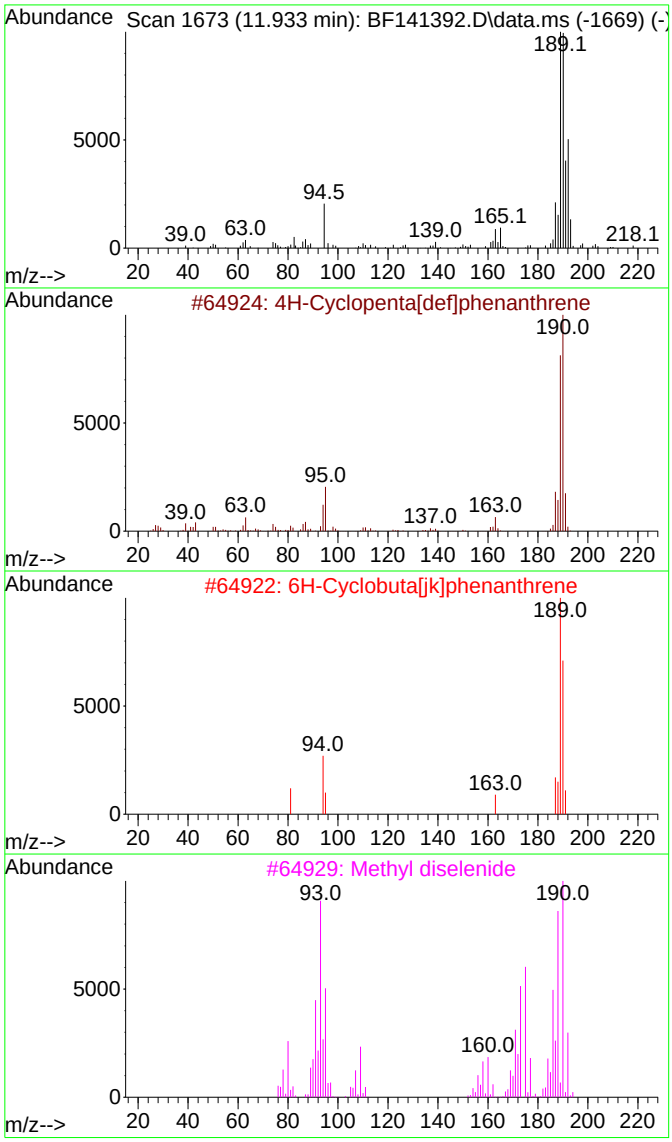
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

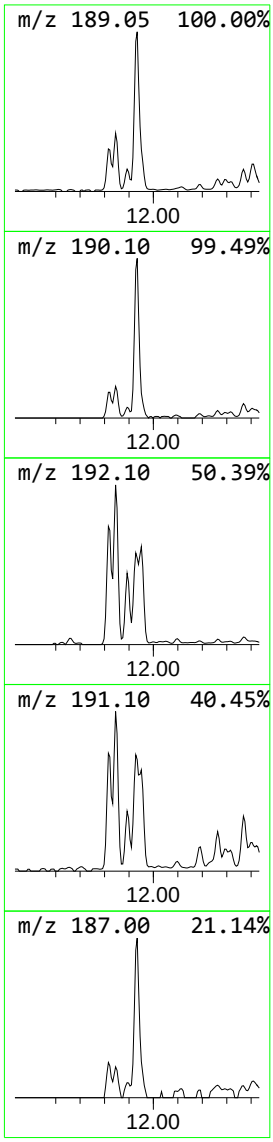
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	6.52 ng	177228	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	32
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141392.D
Acq On : 04 Feb 2025 01:42
Operator : RC/JU
Sample : Q1216-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

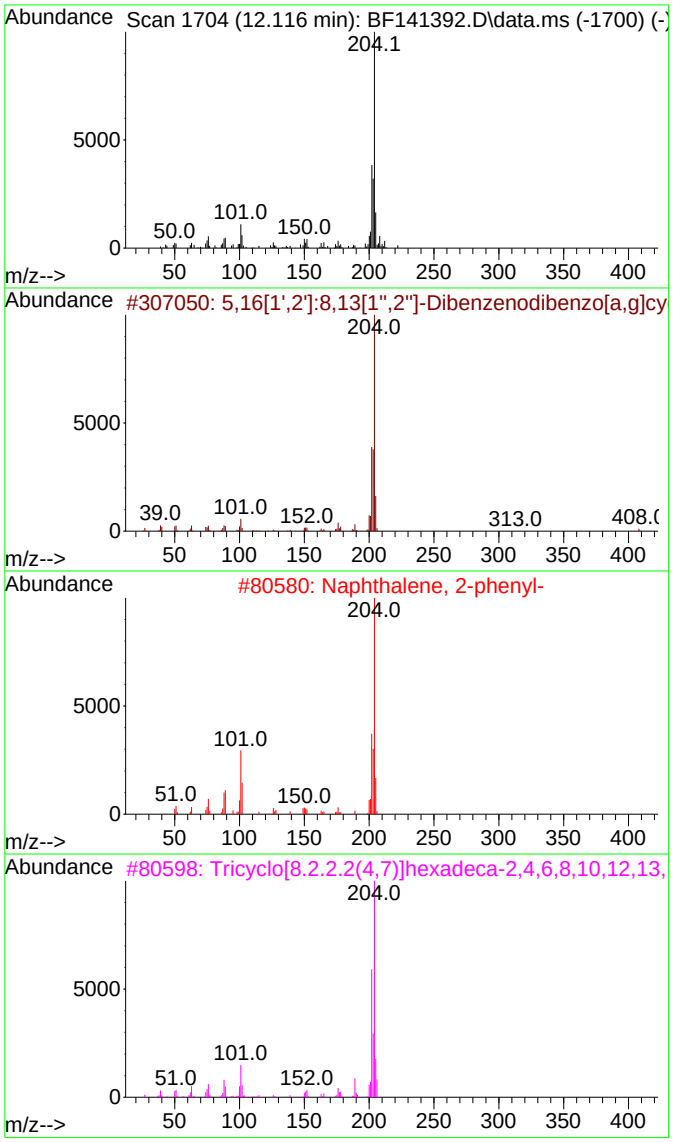
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

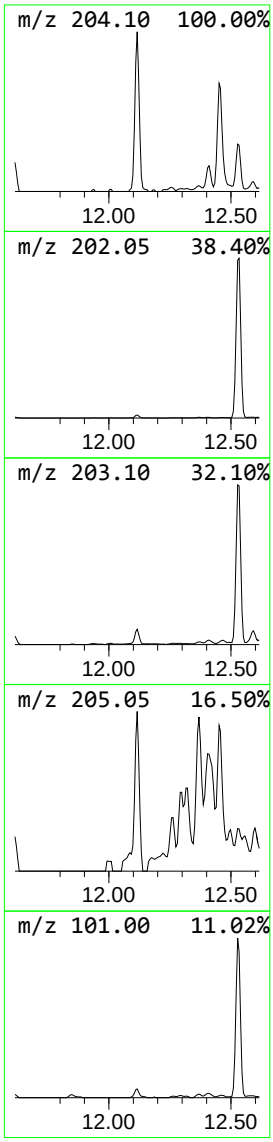
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	2.12 ng	57654	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	49





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Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

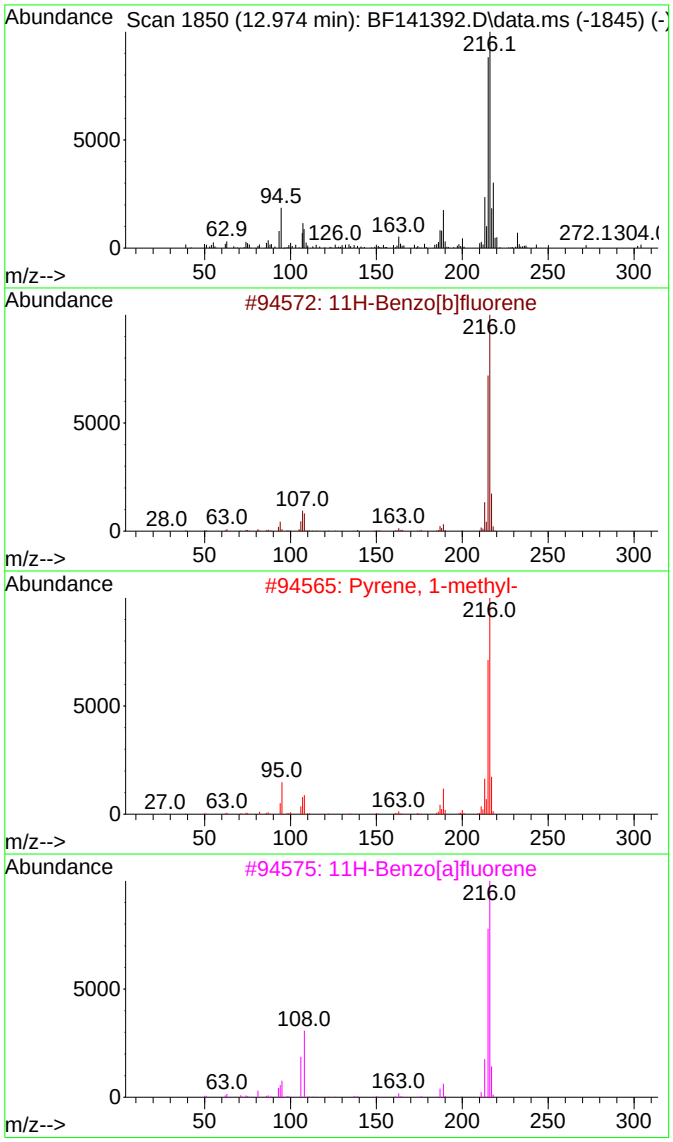
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

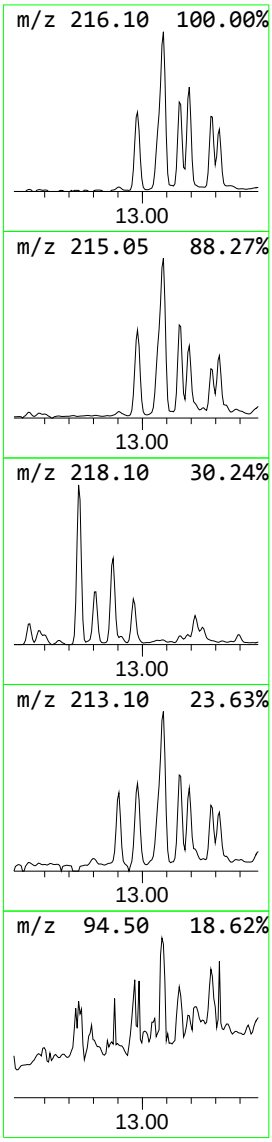
****

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.974	2.12 ng	96313	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141392.D
Acq On : 04 Feb 2025 01:42
Operator : RC/JU
Sample : Q1216-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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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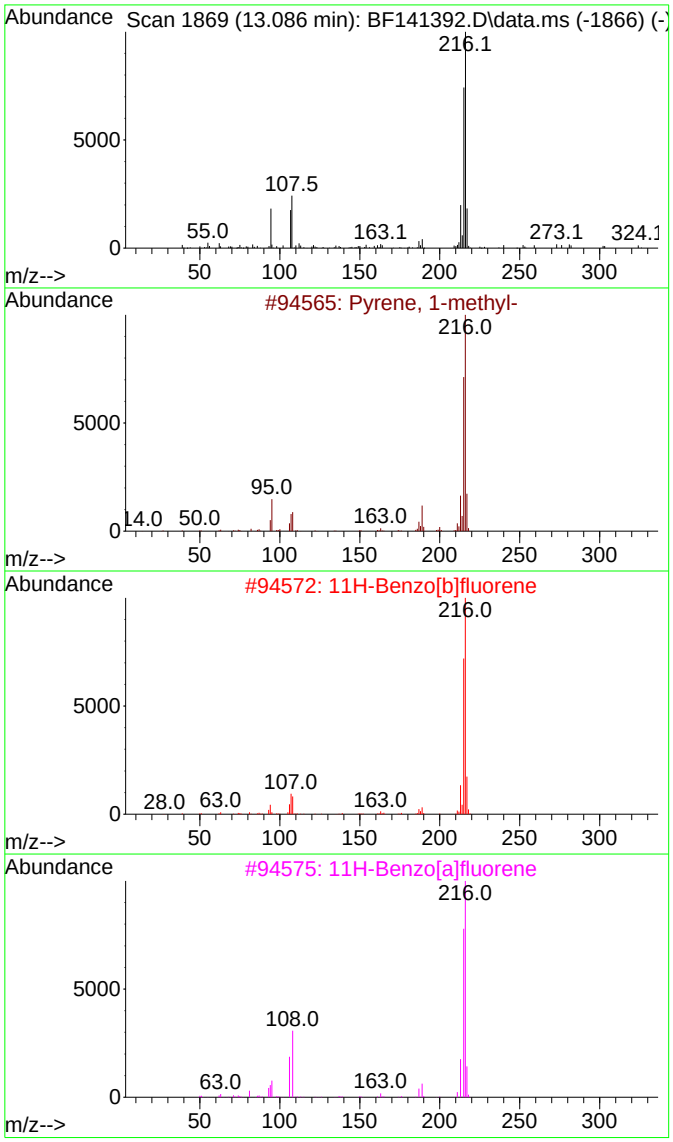
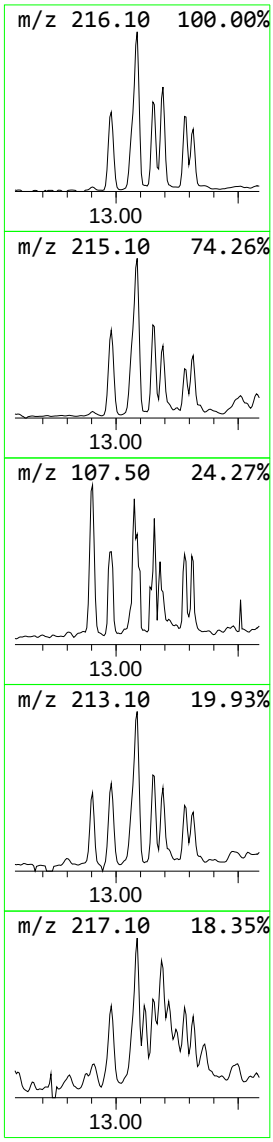
Peak Number 7 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	2.06 ng	93812	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	68
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	59
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	53
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	52





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Operator : RC/JU
Sample : Q1216-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

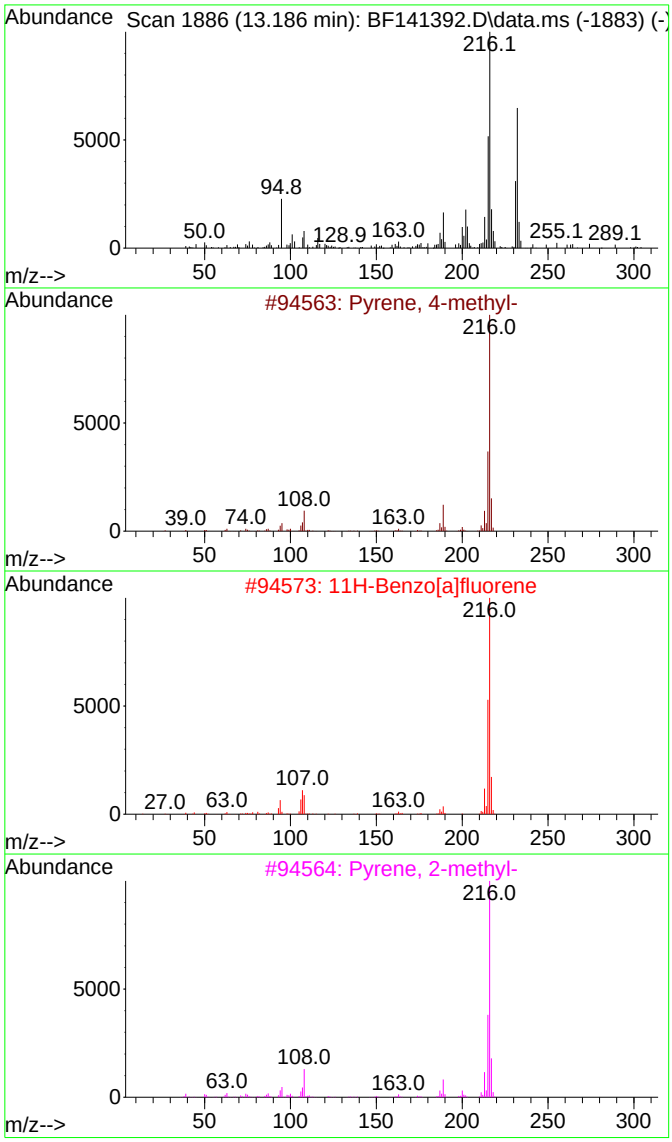
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

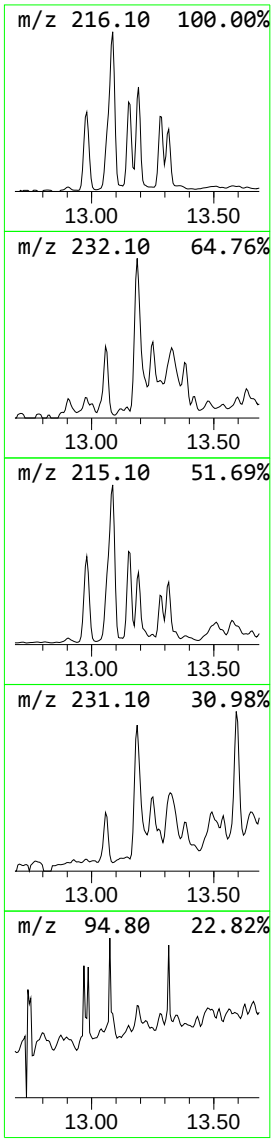
****

Peak Number 8 Pyrene, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.186	2.35 ng	107144	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	53
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141392.D
Acq On : 04 Feb 2025 01:42
Operator : RC/JU
Sample : Q1216-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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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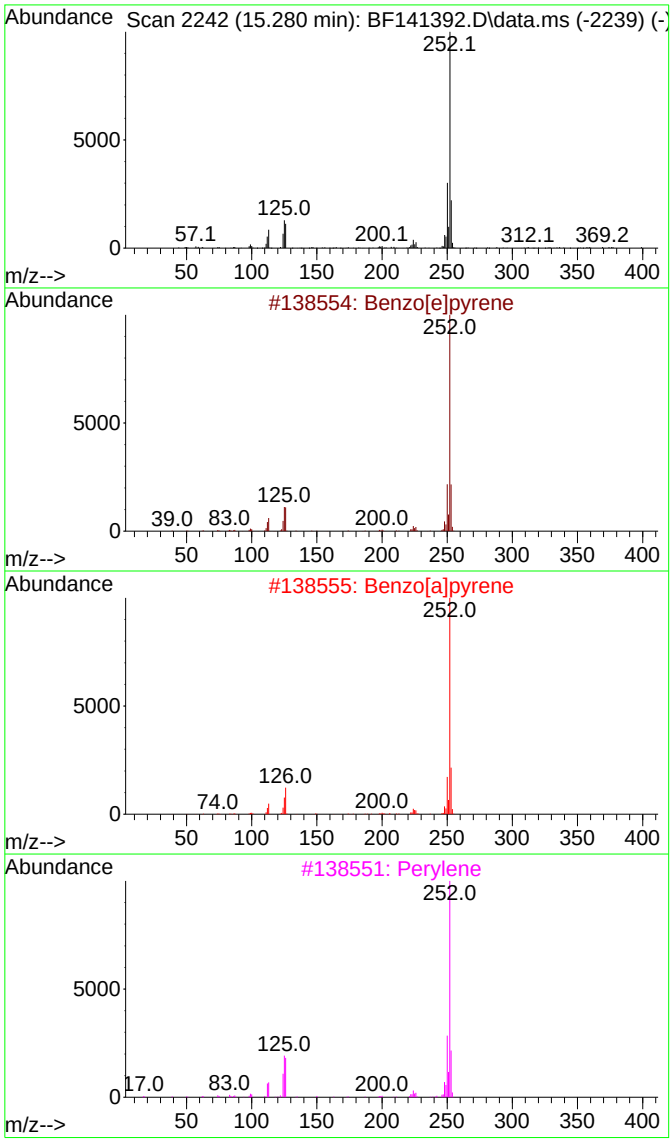
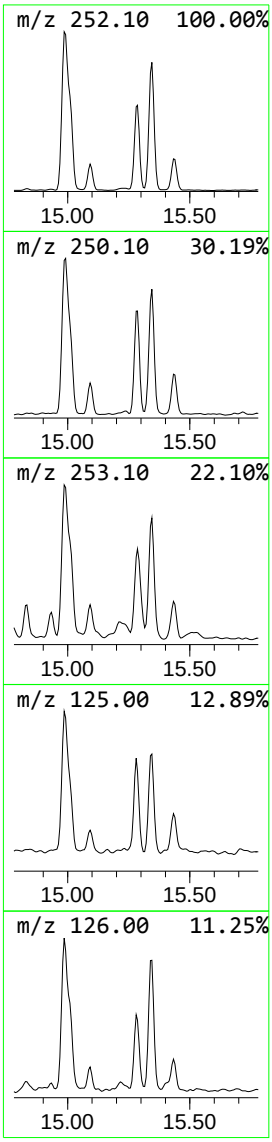
Peak Number 9 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.280	11.05 ng	165925	Perylene-d12	15.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141392.D
Acq On : 04 Feb 2025 01:42
Operator : RC/JU
Sample : Q1216-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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
Benzophenone	10.539	2.1	ng	63637	3	9.828	594552	20.0
Phenanthrene, 1...	11.816	2.6	ng	69858	4	11.316	544000	20.0
1H-Indene, 2-ph...	11.845	6.9	ng	187564	4	11.316	544000	20.0
4H-Cyclopenta[d...	11.933	6.5	ng	177228	4	11.316	544000	20.0
5,16[1',2']:8,1...	12.116	2.1	ng	57654	4	11.316	544000	20.0
11H-Benzo[b]flu...	12.974	2.1	ng	96313	5	13.957	910544	20.0
Pyrene, 1-methyl-	13.086	2.1	ng	93812	5	13.957	910544	20.0
Pyrene, 4-methyl-	13.186	2.4	ng	107144	5	13.957	910544	20.0
Benzo[e]pyrene	15.280	11.1	ng	165925	6	15.404	300283	20.0