LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141528.D
Acq On : 08 Feb 2025 00:20
Operator : RC/JU
Sample : Q1232-19 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JPP-51.1-012925

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: BF141528.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.410	559	564	580	rBV	609143	847963	35.84%	3.200%
2	6.428	732	737	755	rBV	615034	903542	38.19%	3.410%
3	6.792	794	799	807	rBV	415946	518424	21.91%	1.957%
4	7.351	887	894	905	rBV	405900	534586	22.60%	2.018%
5	8.075	1011	1017	1038	rVB	498160	705770	29.83%	2.664%
6	8.786	1133	1138	1146	rBV	30015	38702	1.64%	0.146%
7	8.886	1150	1155	1162	rBV	30969	39864	1.69%	0.150%
8	9.145	1194	1199	1209	rBV	754101	993837	42.01%	3.751%
9	9.416	1239	1245	1252	rBV	25231	42991	1.82%	0.162%
10	9.486	1252	1257	1260	rBV	47344	69611	2.94%	0.263%
11	9.604	1273	1277	1285	rVB2	21028	30616	1.29%	0.116%
12	9.686	1285	1291	1297	rBV	64907	88693	3.75%	0.335%
13	9.827	1308	1315	1318	rBV	532524	679730	28.73%	2.565%
14	9.863	1318	1321	1325	rVV	186289	228286	9.65%	0.862%
15	9.986	1337	1342	1345	rVV2	31727	42242	1.79%	0.159%
16	10.033	1345	1350	1354	rVV2	87462	118240	5.00%	0.446%
17	10.069	1354	1356	1362	rVB2	26813	35265	1.49%	0.133%
18	10.145	1365	1369	1372	rBV2	25610	37069	1.57%	0.140%
19	10.233	1380	1384	1386	rBV	30141	43866	1.85%	0.166%
20	10.257	1386	1388	1391	rVB	27427	28454	1.20%	0.107%
21	10.374	1404	1408	1413	rBV	125302	167094	7.06%	0.631%
22	10.439	1413	1419	1421	rBV2	40307	70678	2.99%	0.267%
23	10.539	1432	1436	1441	rVB	123627	172793	7.30%	0.652%
24	10.616	1444	1449	1455	rBV	403874	554461	23.44%	2.093%
25	10.739	1465	1470	1477	rVB3	67270	118891	5.03%	0.449%
26	10.822	1478	1484	1486	rBV3	12353	24204	1.02%	0.091%
27	10.927	1495	1502	1504	rBV3	53947	95611	4.04%	0.361%
28	10.951	1504	1506	1510	rVB2	24658	32183	1.36%	0.121%
29	11.057	1519	1524	1525	rBV2	34605	52434	2.22%	0.198%
30	11.121	1531	1535	1539	rVB	67653	84290	3.56%	0.318%
31	11.180	1539	1545	1548	rBV3	69891	128641	5.44%	0.486%
32	11.216	1548	1551	1557	rVB	90312	122728	5.19%	0.463%
33	11.274	1557	1561	1564	rBV	30193	36992	1.56%	0.140%
34	11.321	1564	1569	1570	rBV	454687	603301	25.50%	2.277%
35	11.345	1570	1573	1577	rVV	1375493	1684732	71.22%	6.359%
36	11.392	1577	1581	1585	rVV	347669	443966	18.77%	1.676%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

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	11.427	1585	1587	1591	rVB2	35465	38519	1.63%	0.145%
38	11.551	1602	1608	1615	rBV2	91309	188801	7.98%	0.713%
39	11.610	1615	1618	1622	rVV	75810	103192	4.36%	0.389%
40	11.651	1622	1625	1630	rVB3	51409	68459	2.89%	0.258%
41	11.774	1643	1646	1649	rBV	23197	28699	1.21%	0.108%
42	11.821	1649	1654	1656	rVV	232212	320463	13.55%	1.210%
43	11.851	1656	1659	1663	rVV	330745	419627	17.74%	1.584%
44	11.898	1663	1667	1669	rVV	126220	169889	7.18%	0.641%
45	11.933	1669	1673	1681	rVB	381874	738286	31.21%	2.787%
46	12.016	1681	1687	1691	rBV4	69428	142338	6.02%	0.537%
47	12.057	1691	1694	1697	rVV3	23584	28988	1.23%	0.109%
48	12.116	1698	1704	1707	rVV	145439	246418	10.42%	0.930%
49	12.145	1707	1709	1712	rVB	103647	103260	4.36%	0.390%
50	12.263	1724	1729	1733	rBV3	143885	217003	9.17%	0.819%
51	12.298	1733	1735	1737	rVV	31710	31226	1.32%	0.118%
52	12.374	1743	1748	1751	rBV	153501	239622	10.13%	0.904%
53	12.410	1751	1754	1759	rVV2	112451	173254	7.32%	0.654%
54	12.463	1759	1763	1768	rVB3	128598	186013	7.86%	0.702%
55	12.539	1770	1776	1780	rBV	1679863	2168982	91.69%	8.186%
56	12.574	1780	1782	1785	rBV2	42790	49695	2.10%	0.188%
57	12.768	1808	1815	1820	rBV	1509867	2365663	100.00%	8.929%
58	12.816	1820	1823	1828	rVB2	99209	147757	6.25%	0.558%
59	12.904	1830	1838	1846	rVB2	662374	1081610	45.72%	4.082%
60	12.980	1846	1851	1858	rBV5	166115	351218	14.85%	1.326%
61	13.045	1859	1862	1863	rBV2	52874	59848	2.53%	0.226%
62	13.092	1863	1870	1874	rVB2	214917	427272	18.06%	1.613%
63	13.157	1878	1881	1884	rVV	117594	144118	6.09%	0.544%
64	13.192	1884	1887	1895	rVB3	196391	322224	13.62%	1.216%
65	13.286	1900	1903	1906	rBV	105028	135847	5.74%	0.513%
66	13.321	1906	1909	1913	rVB	100555	120040	5.07%	0.453%
67	13.604	1954	1957	1962	rVB	115103	155877	6.59%	0.588%
68	13.715	1972	1976	1978	rBV2	113741	166625	7.04%	0.629%
69	13.815	1990	1993	1997	rVB	102848	122984	5.20%	0.464%
70	13.962	2012	2018	2022	rBV2	873062	1626093	68.74%	6.137%
71	13.998	2022	2024	2031	rVB	614201	729608	30.84%	2.754%
72	14.368	2084	2087	2090	rVB	115474	132364	5.60%	0.500%
73	15.033	2195	2200	2208	rBV	503099	1075792	45.48%	4.060%
74	15.333	2247	2251	2256	rVB	276705	422336	17.85%	1.594%
75	15.392	2257	2261	2266	rVB	392297	562474	23.78%	2.123%
76	15.457	2268	2272	2275	rBV	156268	261803	11.07%	0.988%

LSC Area Percent Report

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Data File : BF141528.D
Acq On : 08 Feb 2025 00:20
Operator : RC/JU
Sample : Q1232-19 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

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

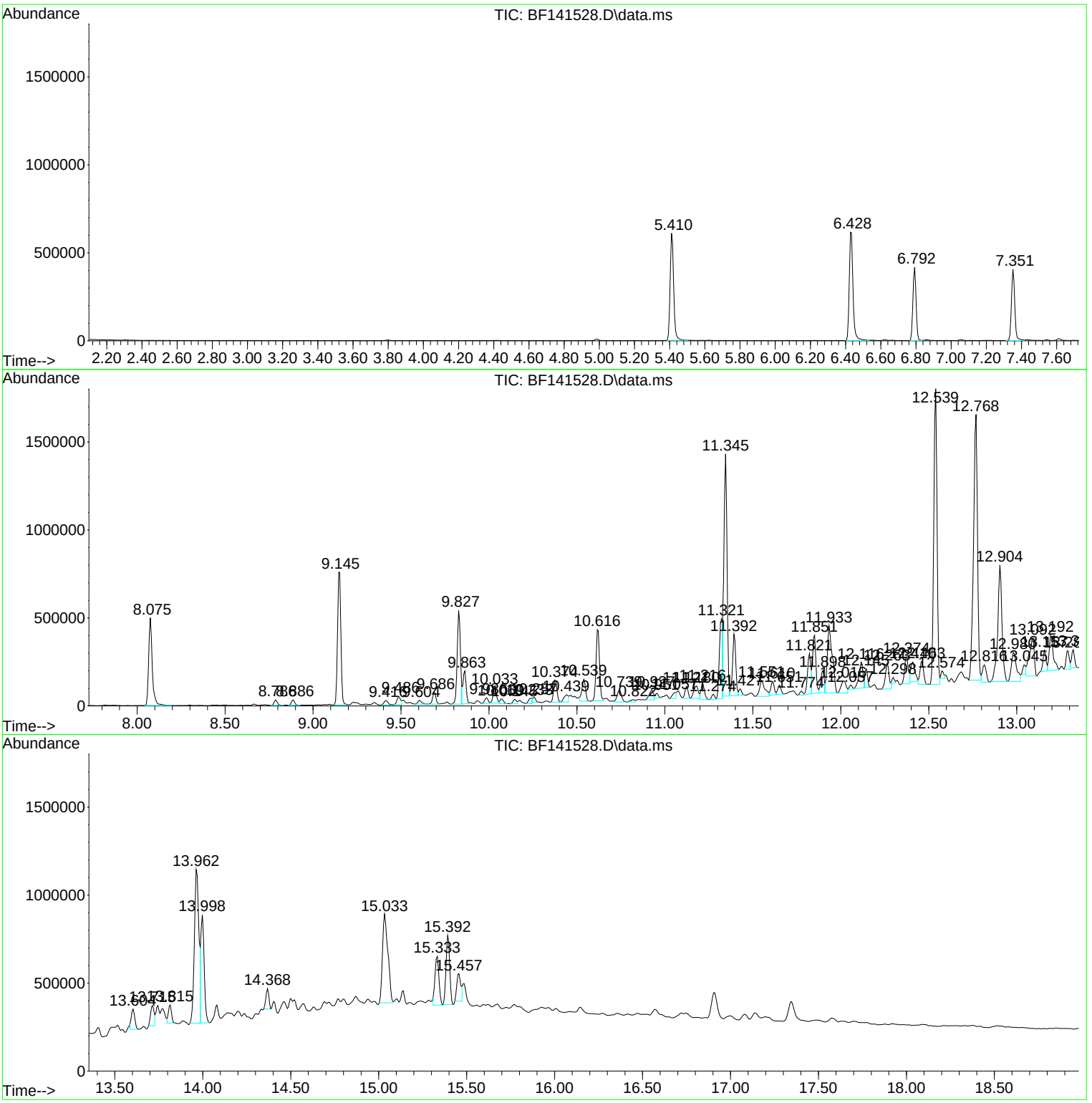
Sum of corrected areas: 26495037

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141528.D
Acq On : 08 Feb 2025 00:20
Operator : RC/JU
Sample : Q1232-19 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

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 : BF141528.D
Acq On : 08 Feb 2025 00:20
Operator : RC/JU
Sample : Q1232-19 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

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

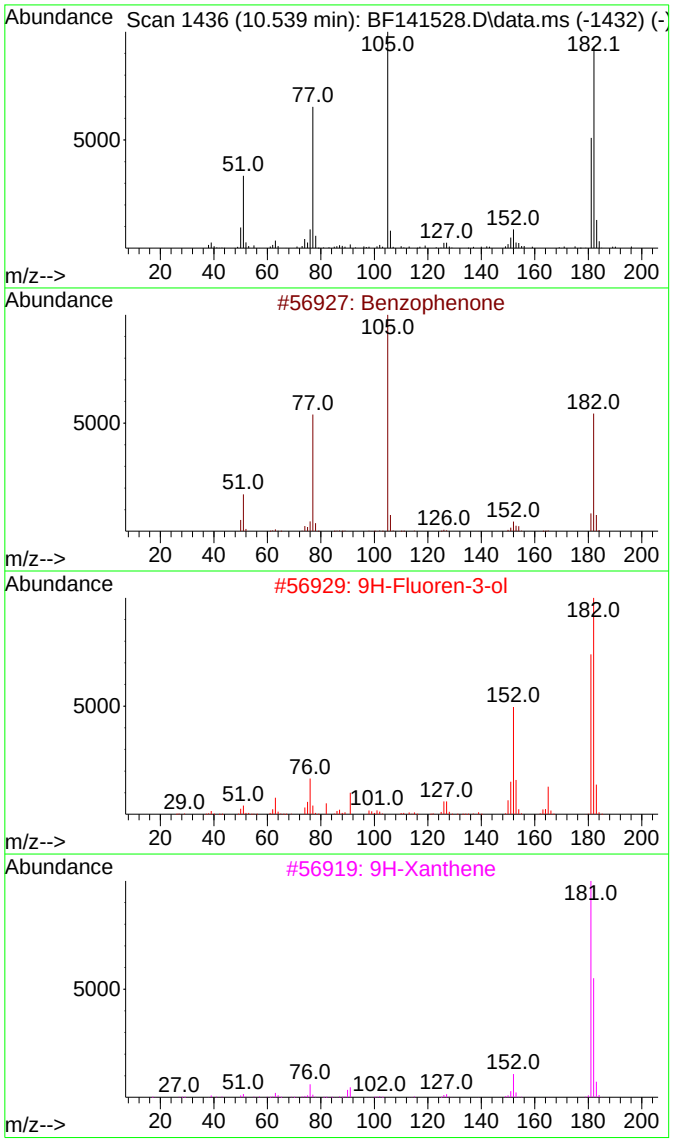
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

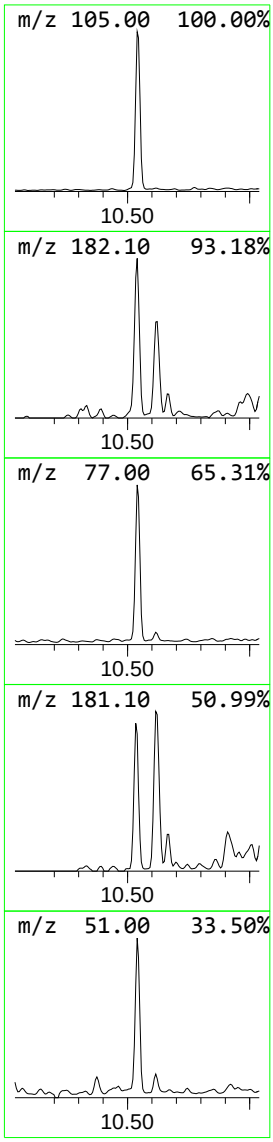
****

Peak Number 1 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	5.08 ng	172793	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	90
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	47
3	9H-Xanthene	182	C13H10O	000092-83-1	38
4	Benzoylformic acid	150	C8H6O3	000611-73-4	30
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141528.D
Acq On : 08 Feb 2025 00:20
Operator : RC/JU
Sample : Q1232-19 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

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

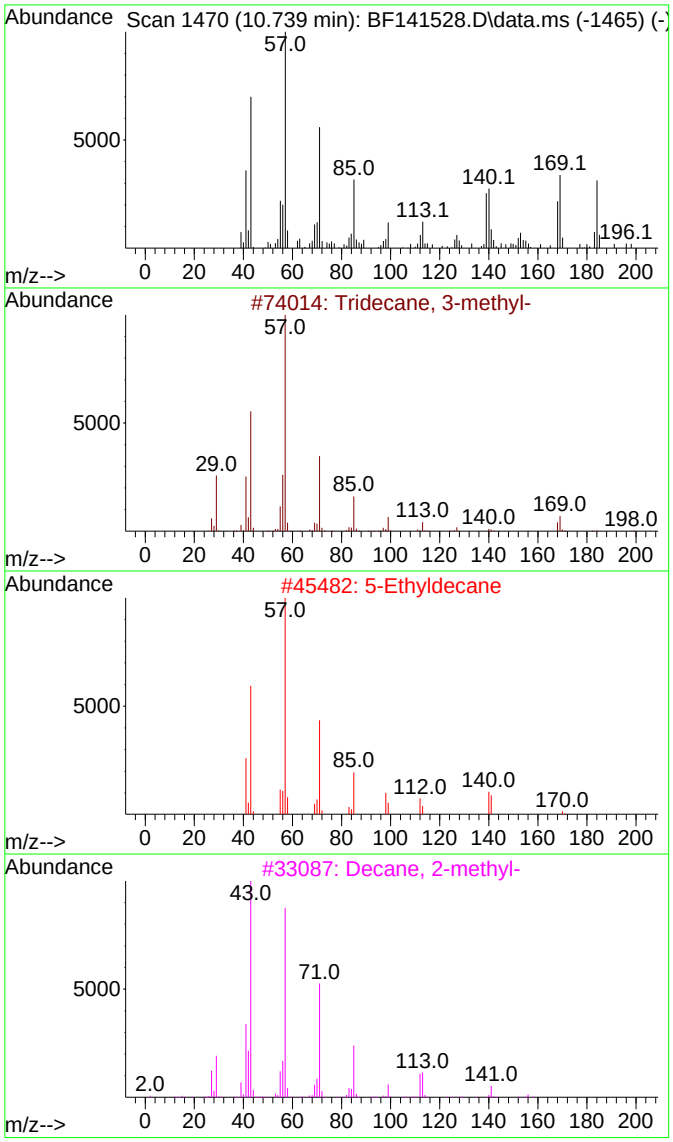
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

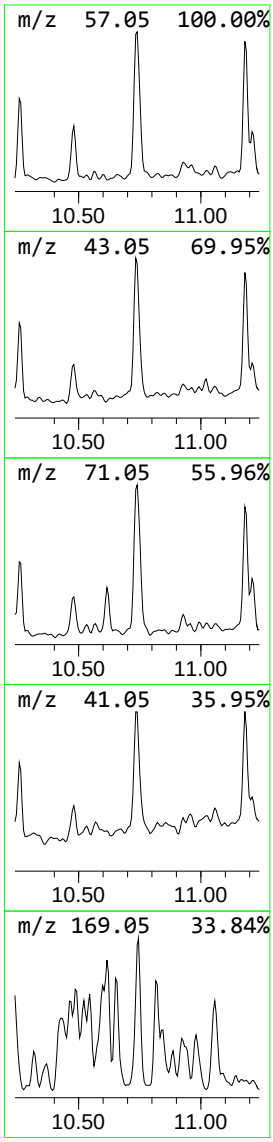
****

Peak Number 2 Tridecane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.739	3.94 ng	118891	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	53
2	5-Ethyldecane	170	C12H26	017302-36-2	49
3	Decane, 2-methyl-	156	C11H24	006975-98-0	46
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	43
5	Dodecane	170	C12H26	000112-40-3	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141528.D
Acq On : 08 Feb 2025 00:20
Operator : RC/JU
Sample : Q1232-19 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

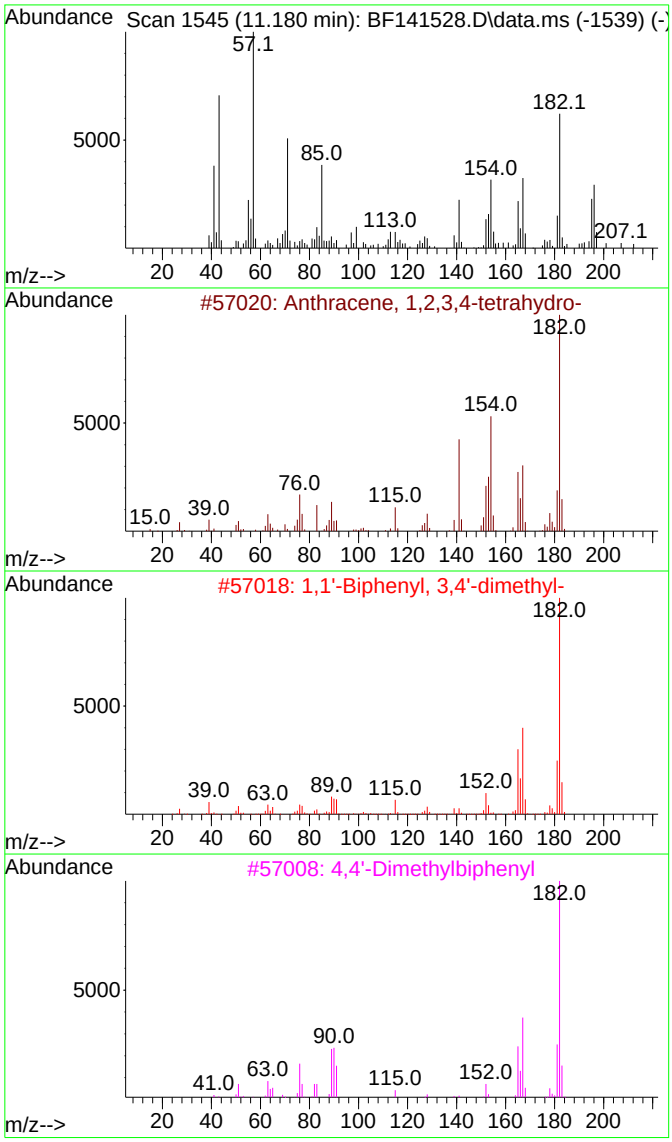
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

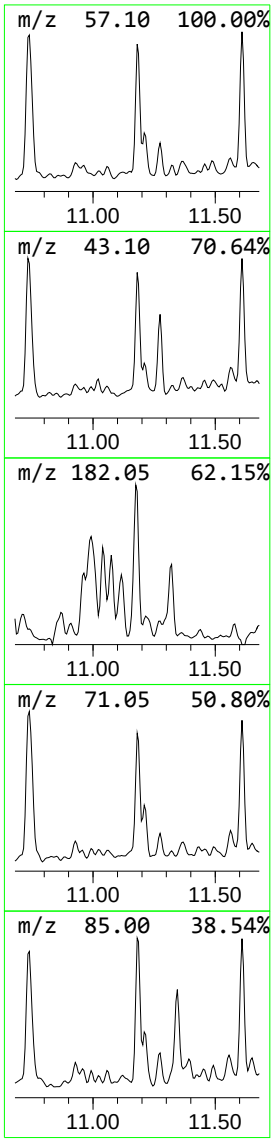
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.180	4.26 ng	128641	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	60
2	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	47
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	30
4	Hentriacontane	437	C31H64	000630-04-6	30
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141528.D
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Sample : Q1232-19 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

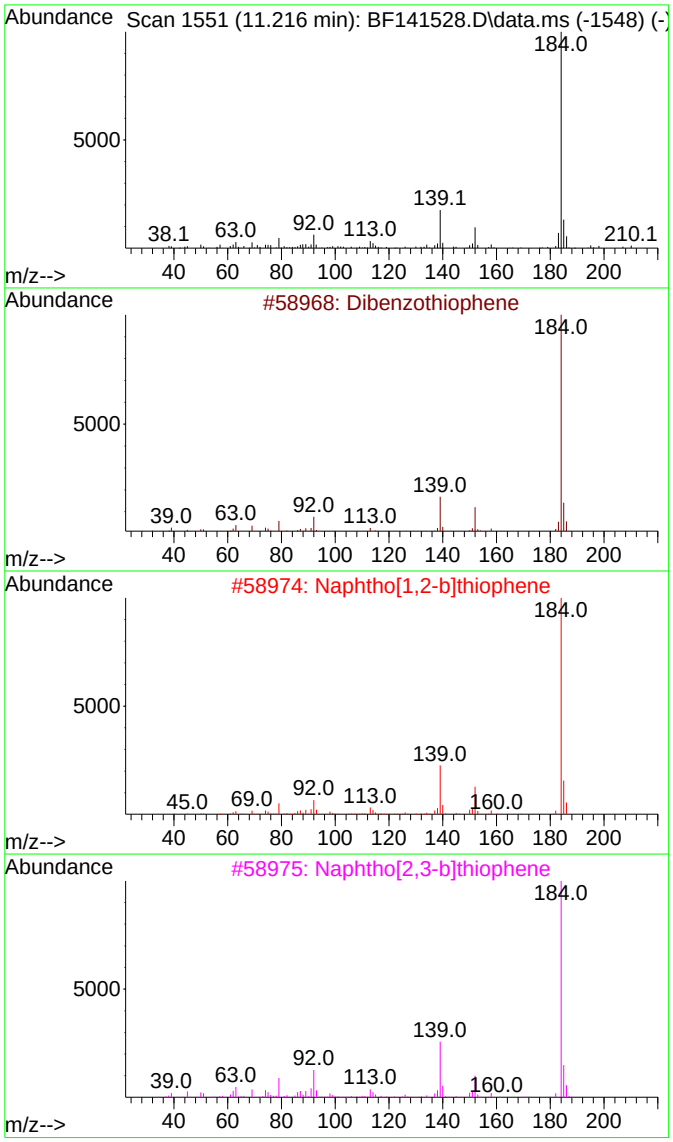
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

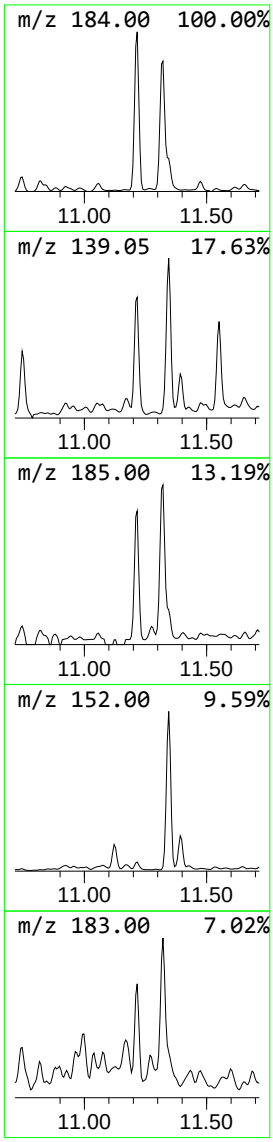
****

Peak Number 4 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.216	4.07 ng	122728	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Sample : Q1232-19 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

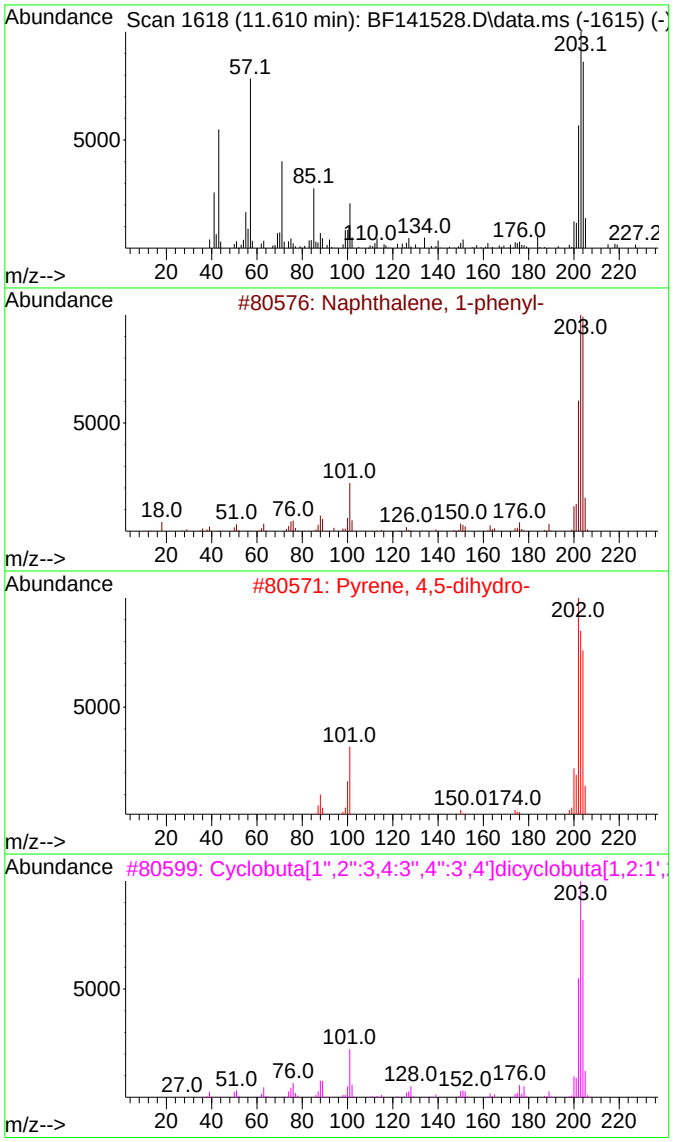
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

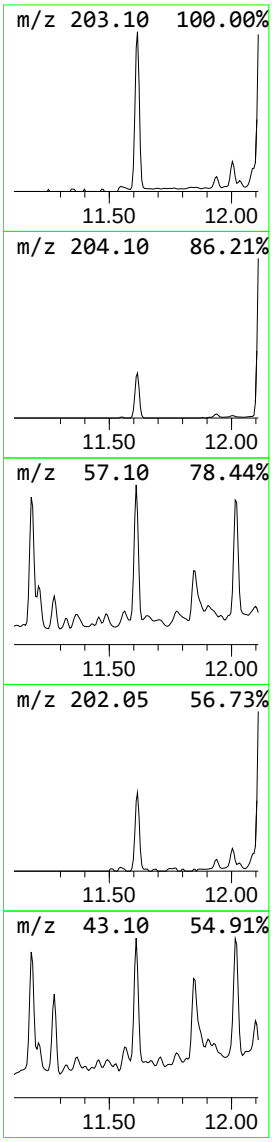
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	3.42 ng	103192	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
2	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	76
3	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	60
4	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	60
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141528.D
Acq On : 08 Feb 2025 00:20
Operator : RC/JU
Sample : Q1232-19 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

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

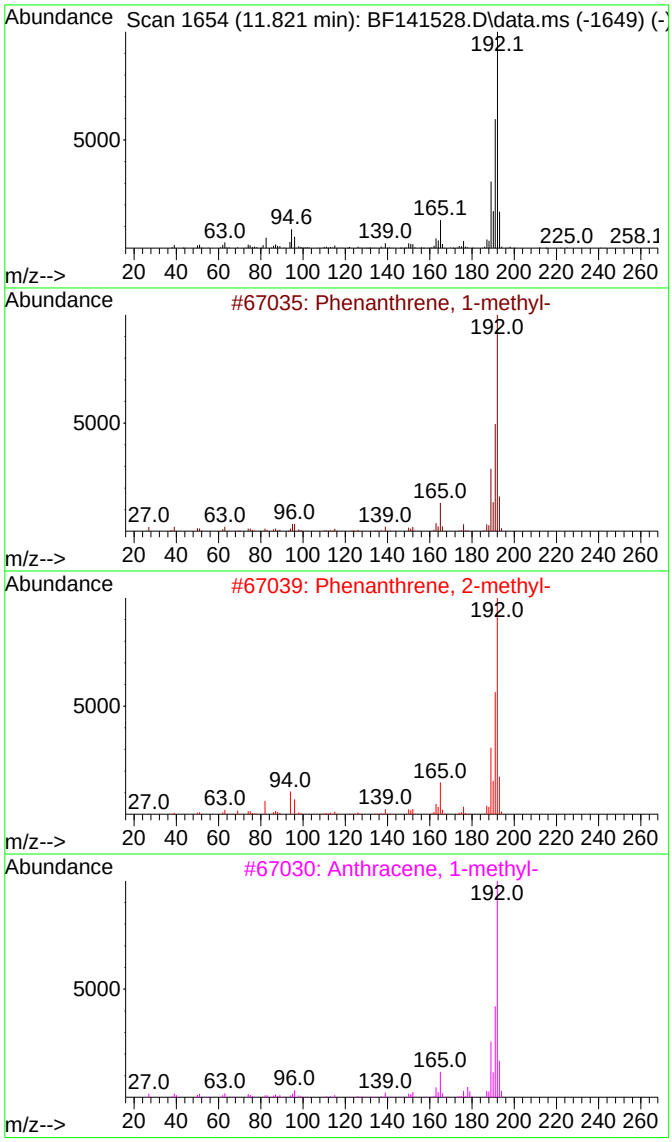
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

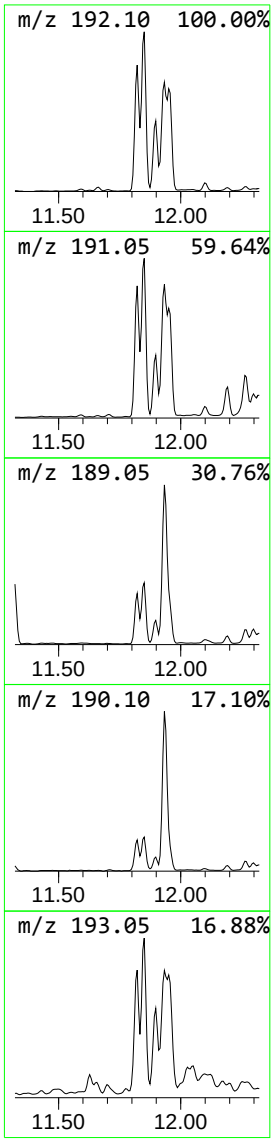
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	10.62 ng	320463	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Acq On : 08 Feb 2025 00:20
Operator : RC/JU
Sample : Q1232-19 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JPP-51.1-012925

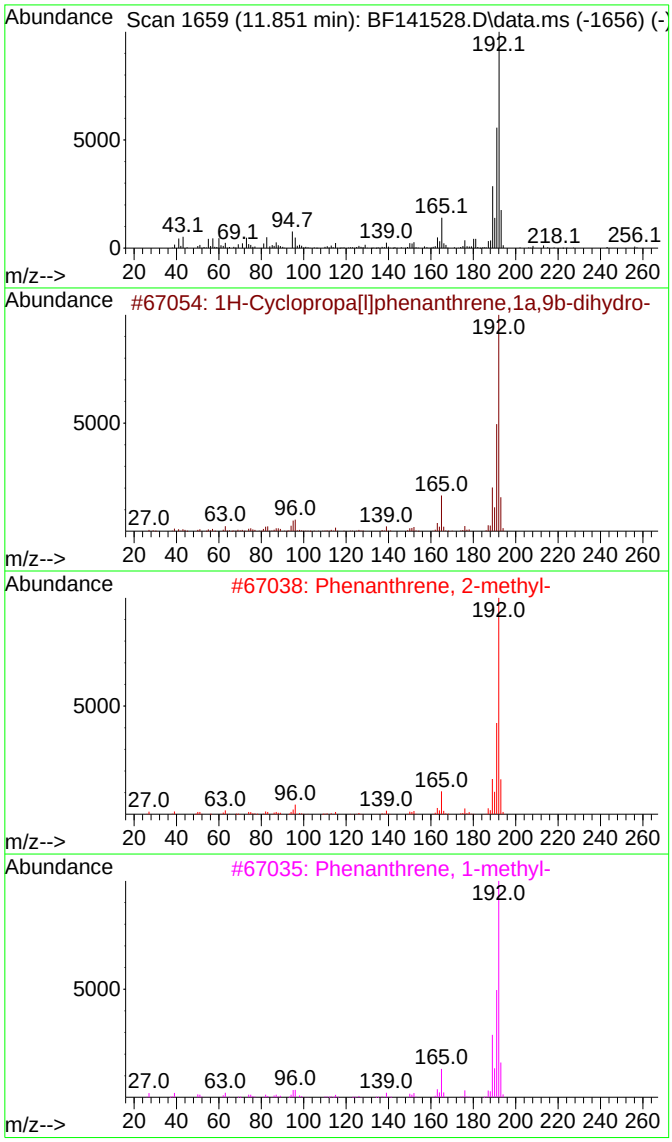
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

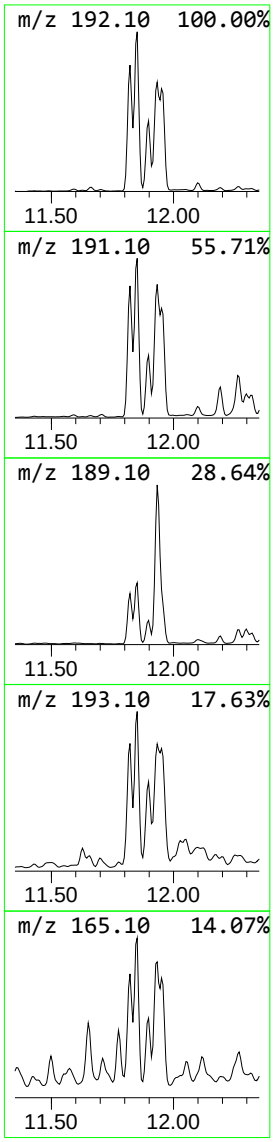
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	13.91 ng	419627	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





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Sample : Q1232-19 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JPP-51.1-012925

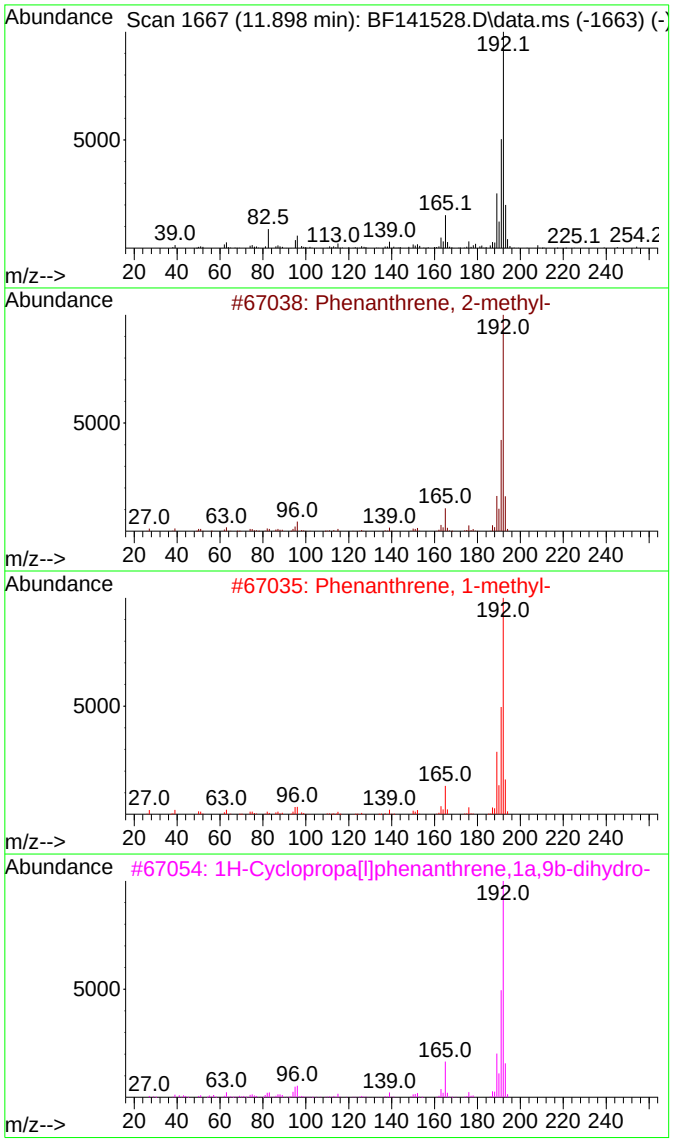
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

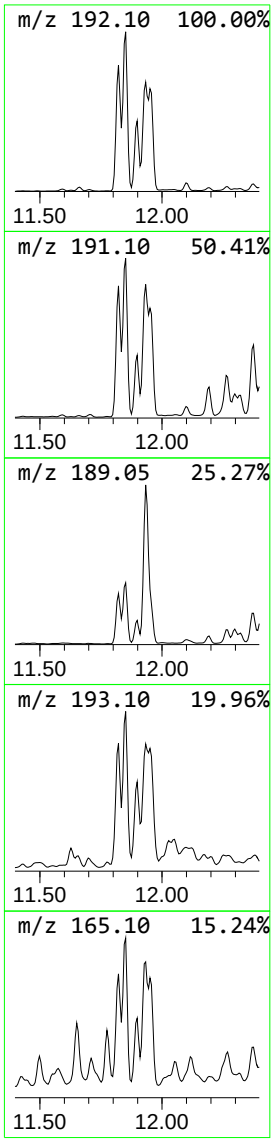
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	5.63 ng	169889	Phenanthrene-d10	11.316

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-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92





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Sample : Q1232-19 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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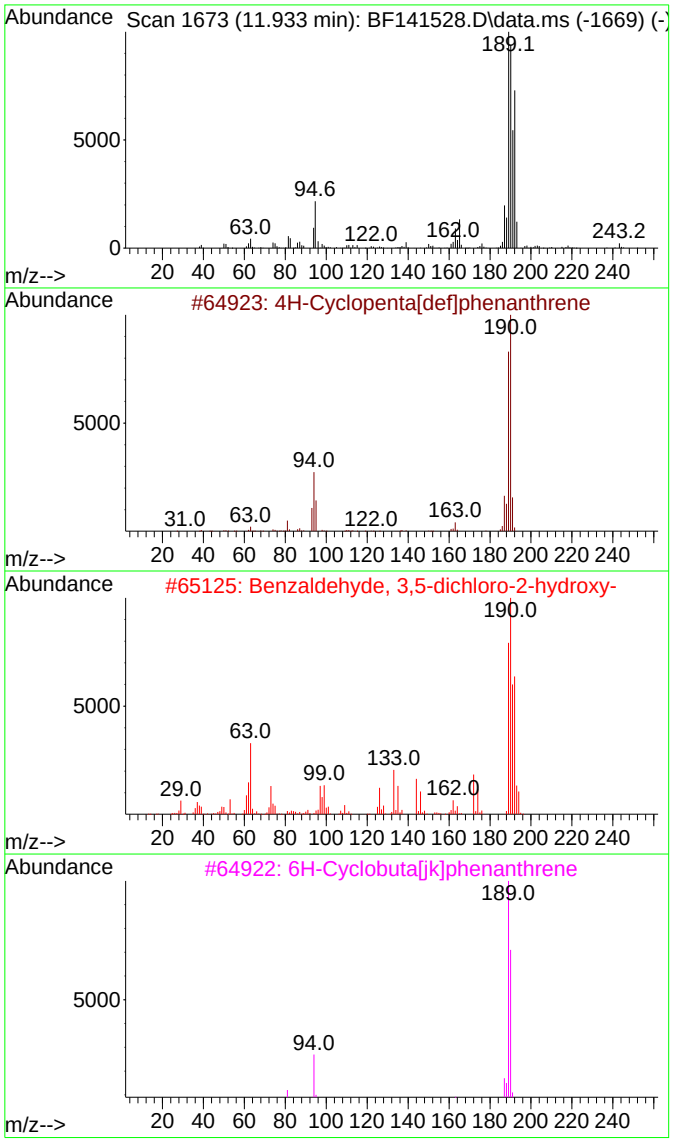
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

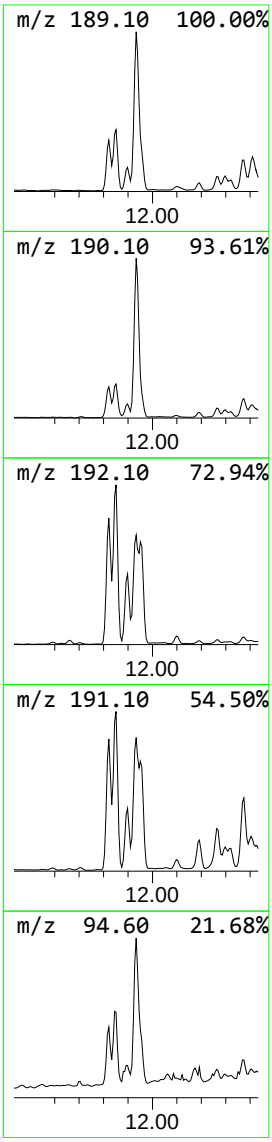
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	24.47 ng	738286	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27





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Sample : Q1232-19 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JPP-51.1-012925

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

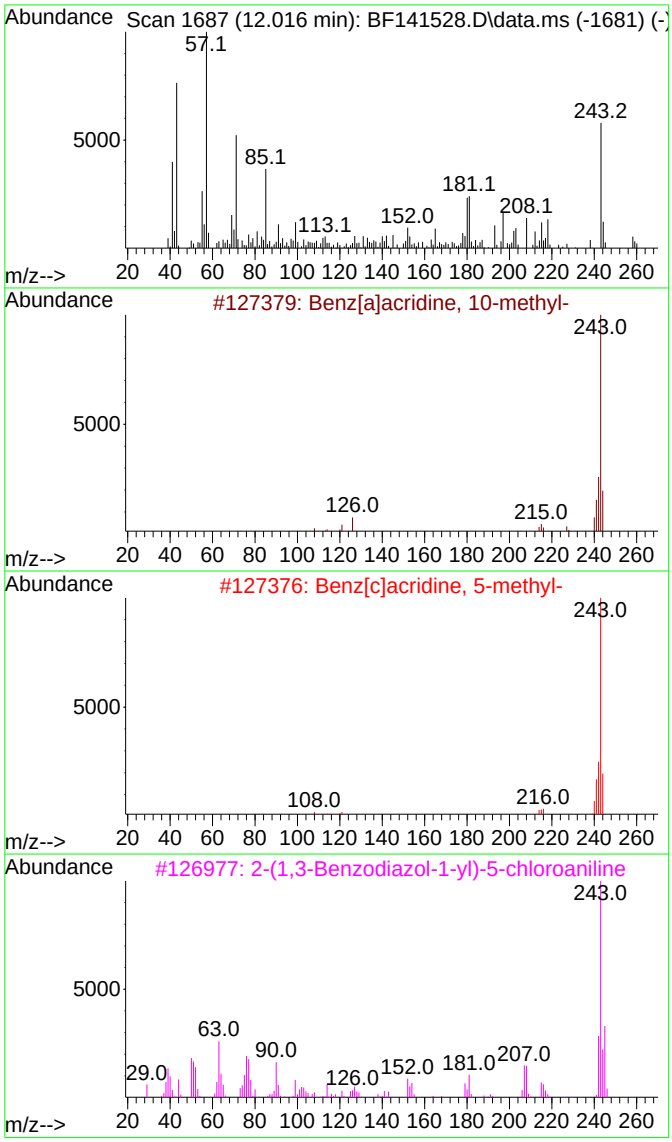
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

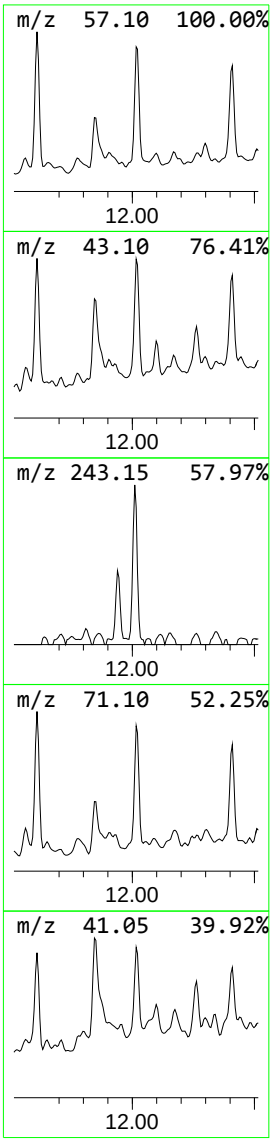
****

Peak Number 10 unknown12.016 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	4.72 ng	142338	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]acridine, 10-methyl-	243	C18H13N	003781-67-7	30
2	Benz[c]acridine, 5-methyl-	243	C18H13N	003519-87-7	27
3	2-(1,3-Benzodiazol-1-yl)-5-chlor...	243	C13H10ClN3	1000444-27-6	22
4	Propan-1,3-dioic acid, di[3-meth...	244	C13H24O4	064617-96-5	18
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	18





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ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

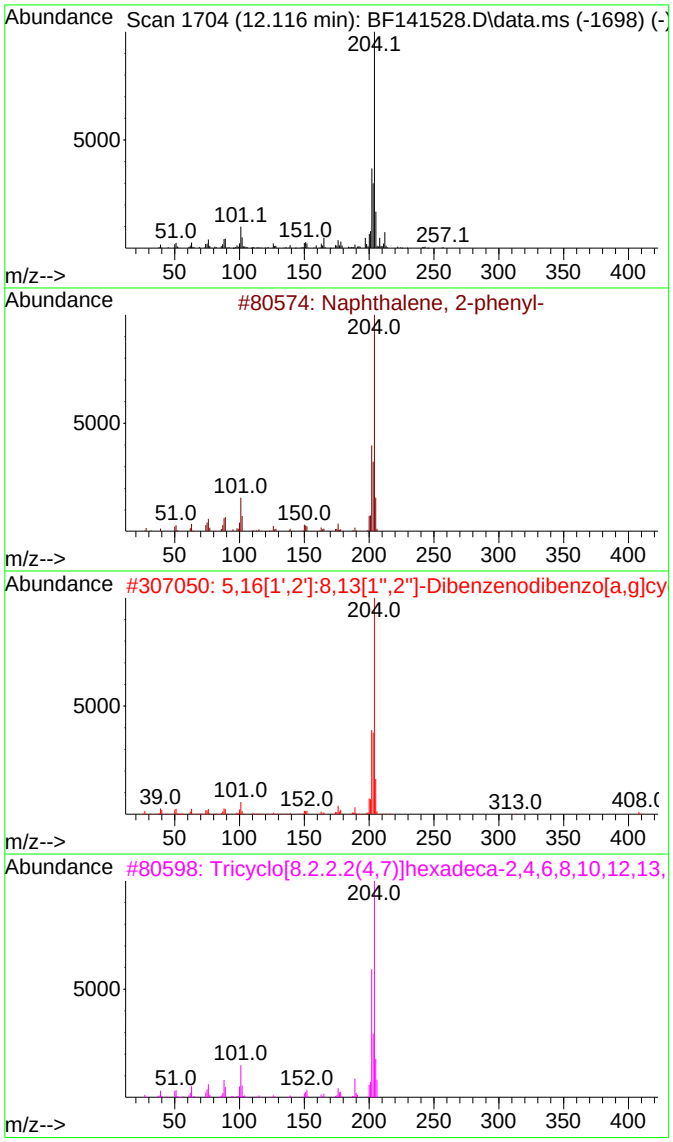
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

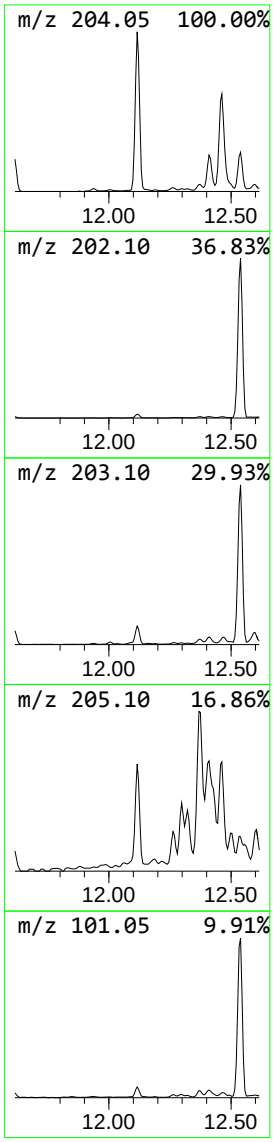
****

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	8.17 ng	246418	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	64





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

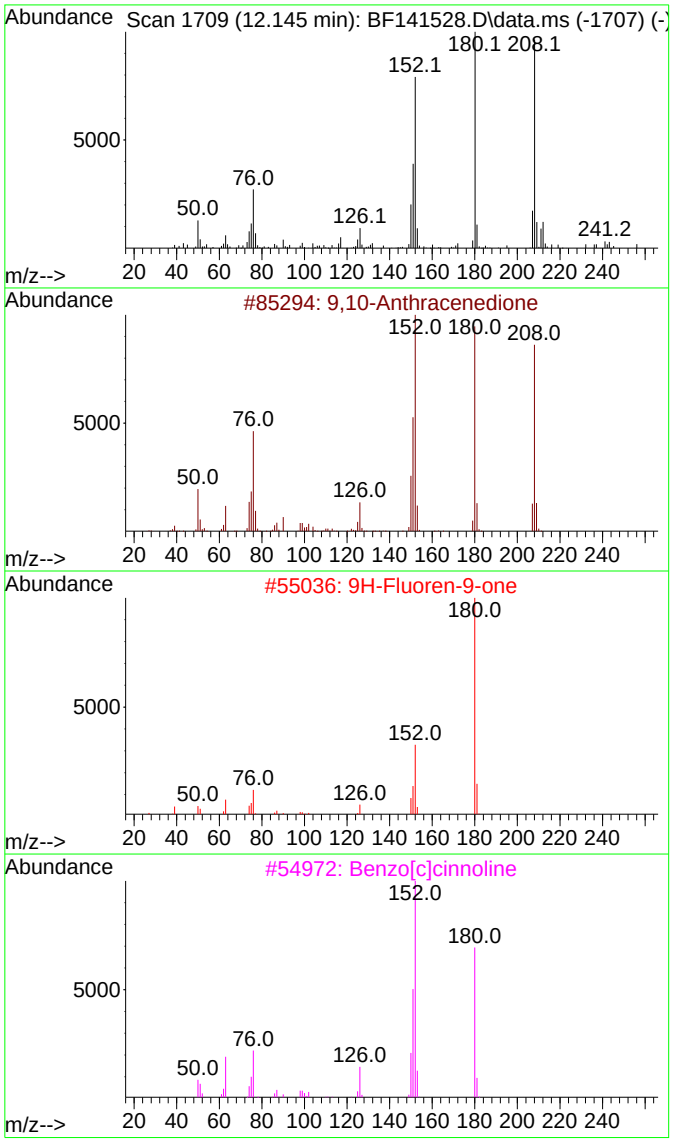
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

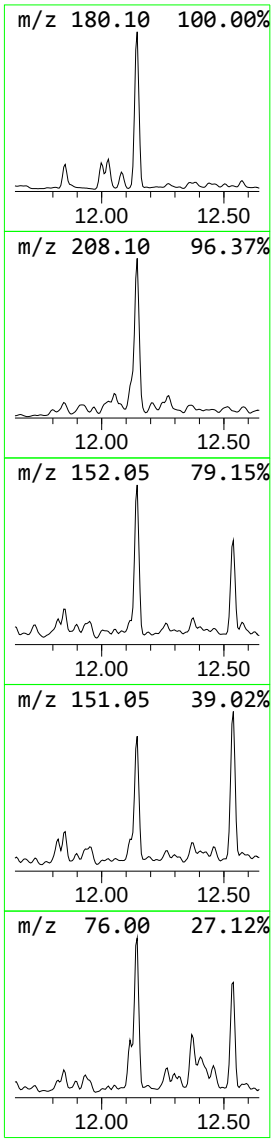
****

Peak Number 12 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.145	3.42 ng	103260	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	53
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	47
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	43





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ClientSampleId :
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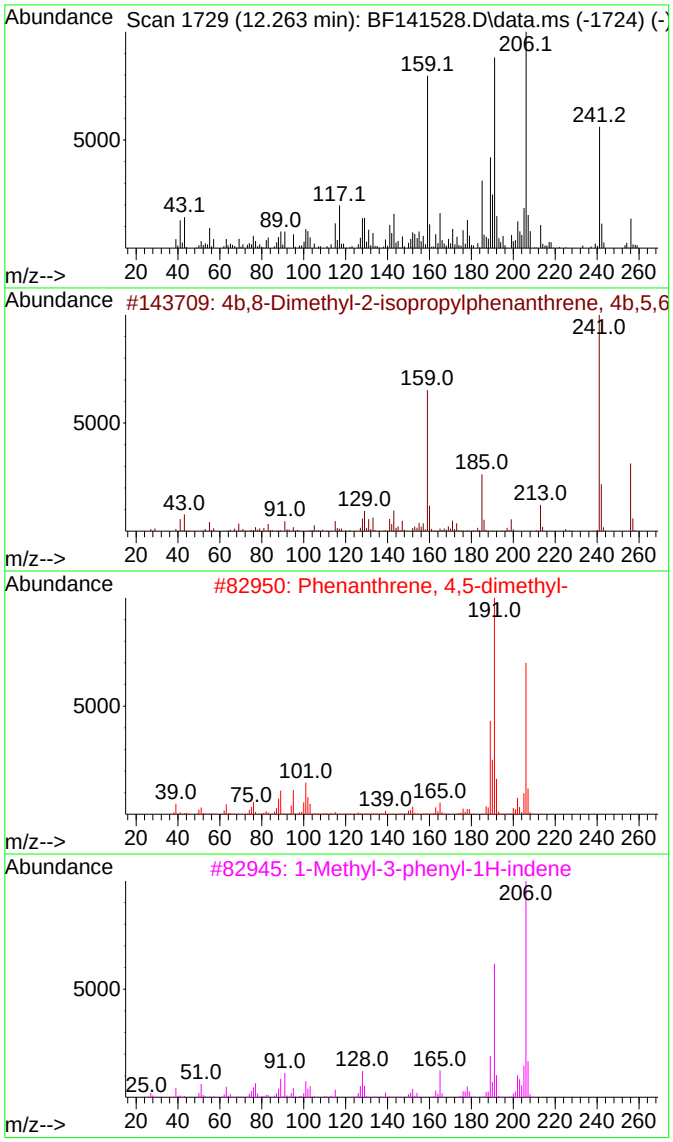
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

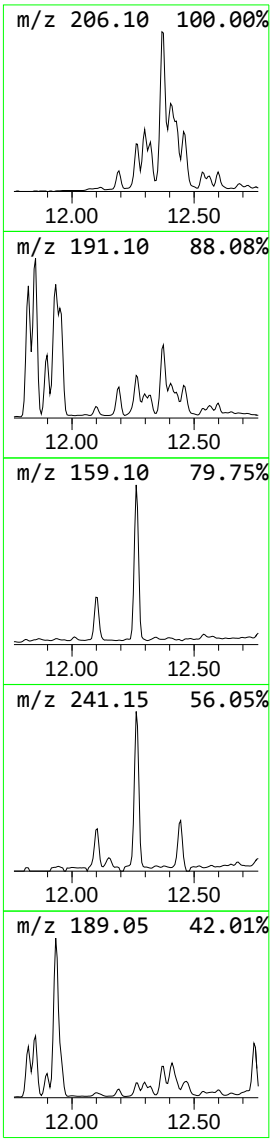
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4b,8-Dimethyl-2-isopropylph... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.263	7.19 ng	217003	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
3	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	86
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	70





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

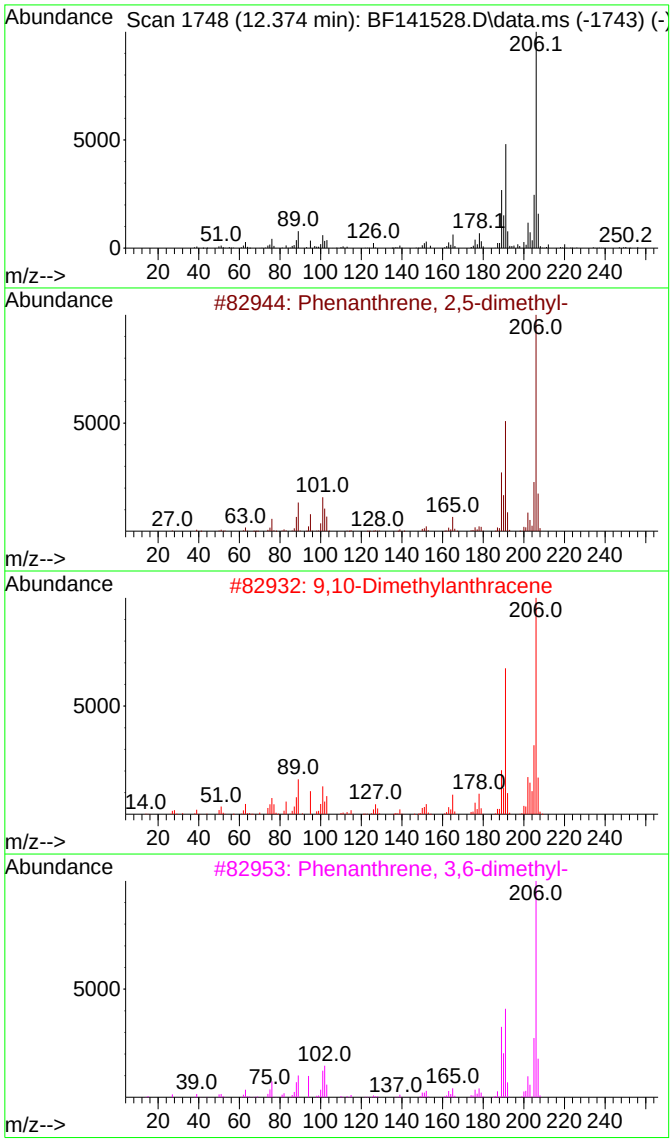
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

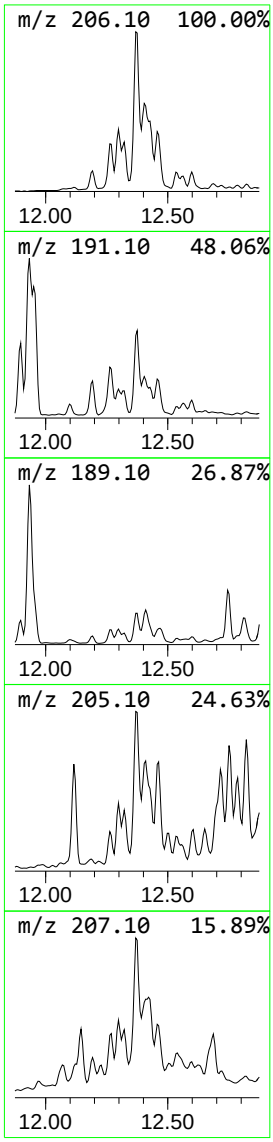
****

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	7.94 ng	239622	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

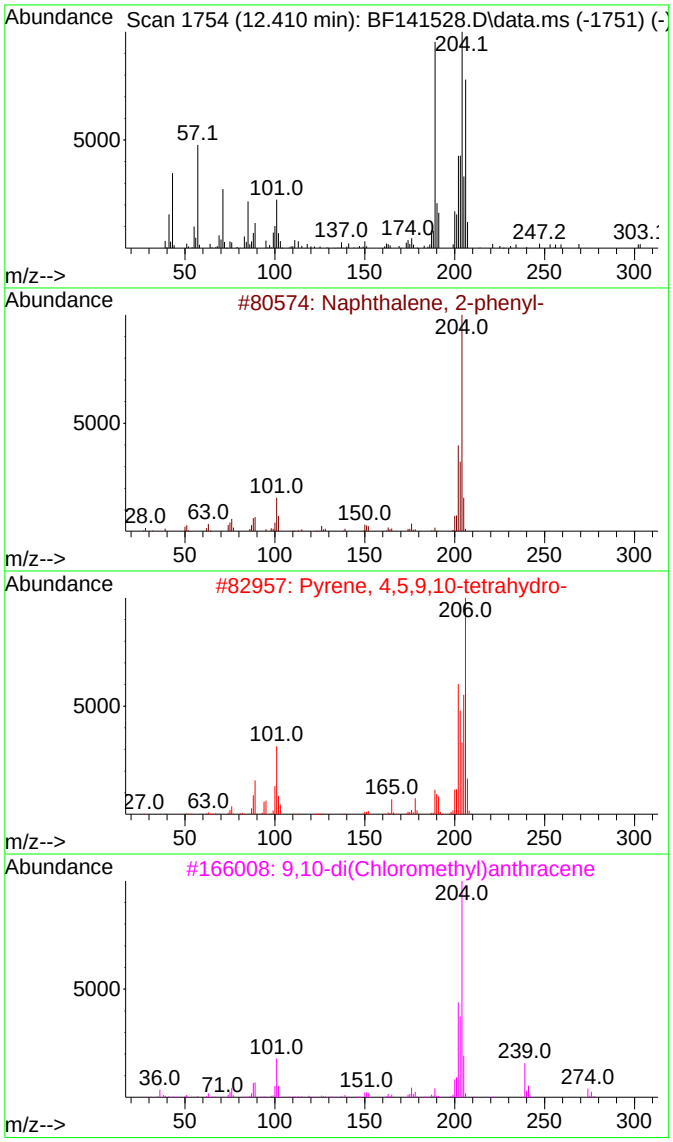
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

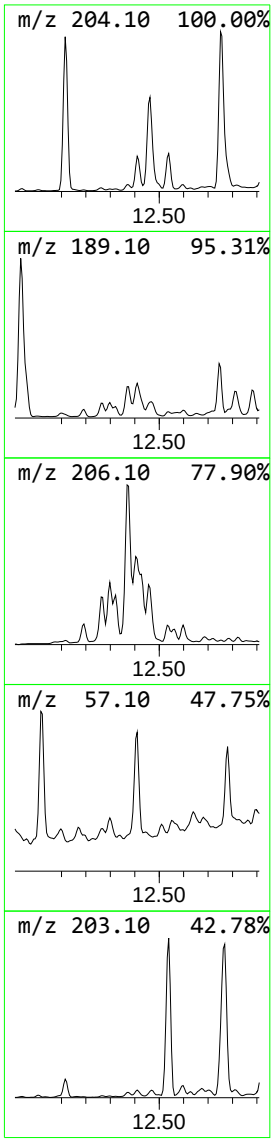
****

Peak Number 15 unknown12.410 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	5.74 ng	173254	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
5	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	35





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ClientSampleId :
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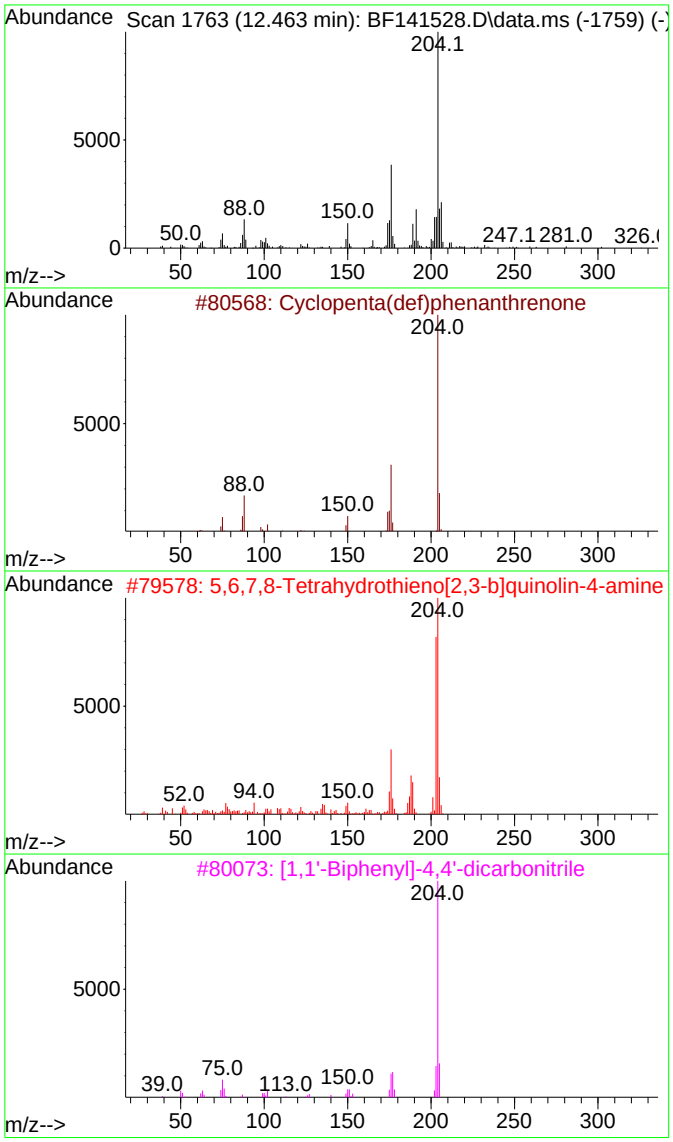
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

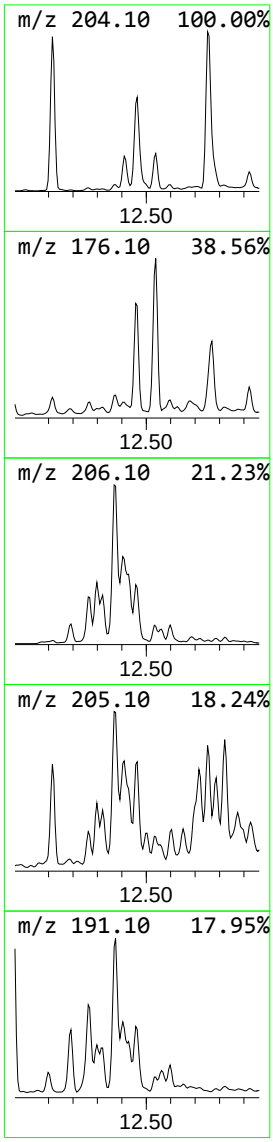
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	6.17 ng	186013	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	50
5	3-Chloro-[1,1'-biphenyl]-2-yl ac...	246	C14H11ClO2	007460-70-0	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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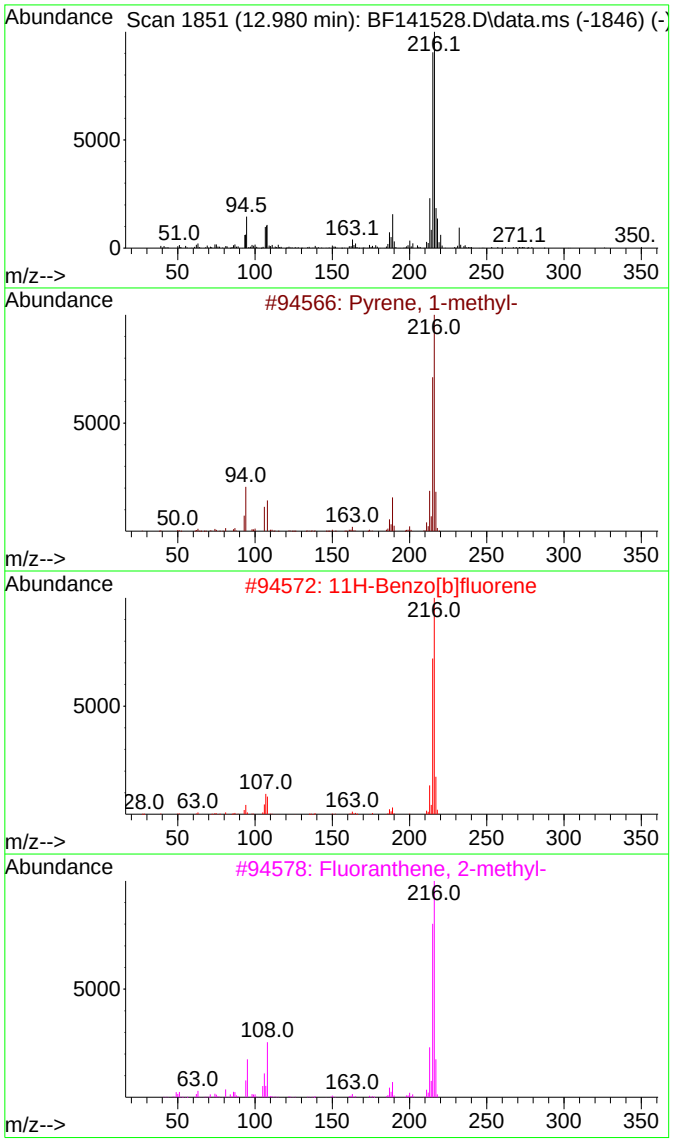
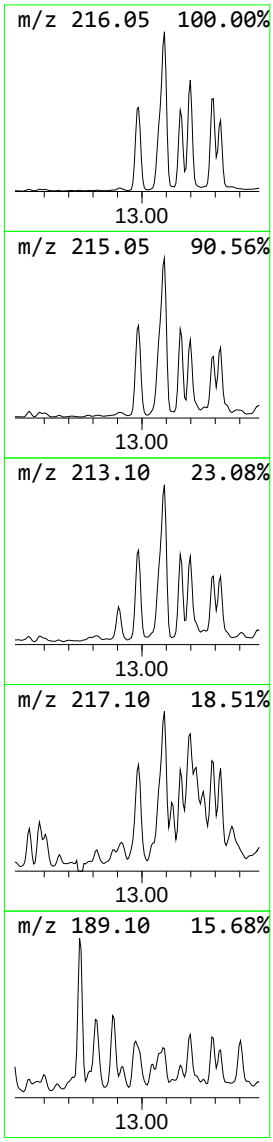
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	4.32 ng	351218	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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Data File : BF141528.D
Acq On : 08 Feb 2025 00:20
Operator : RC/JU
Sample : Q1232-19 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

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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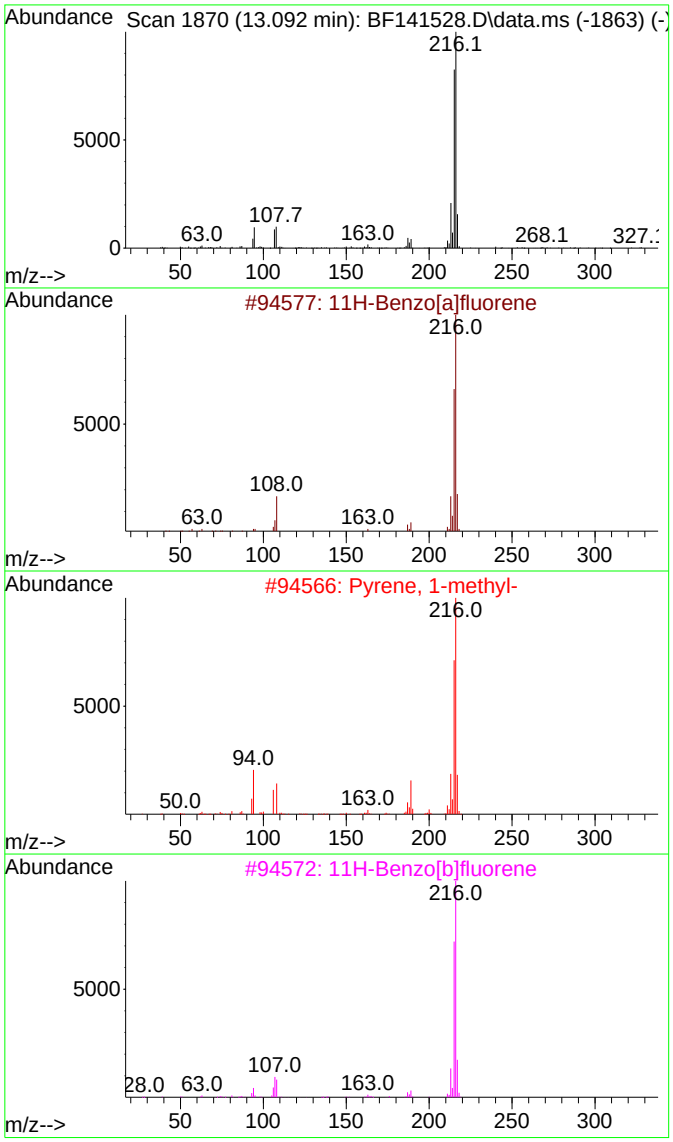
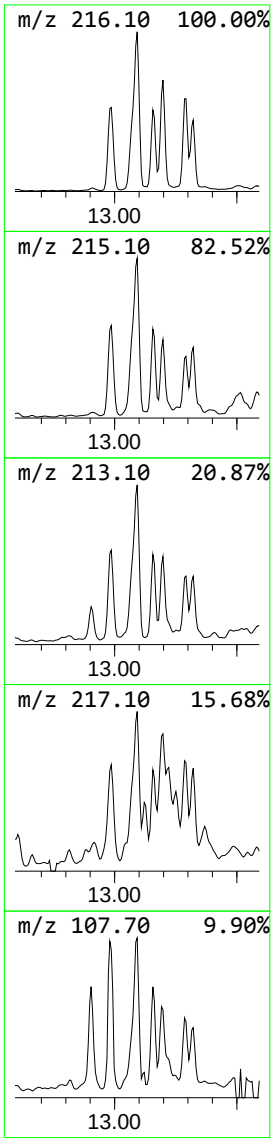
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	5.26 ng	427272	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141528.D
Acq On : 08 Feb 2025 00:20
Operator : RC/JU
Sample : Q1232-19 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

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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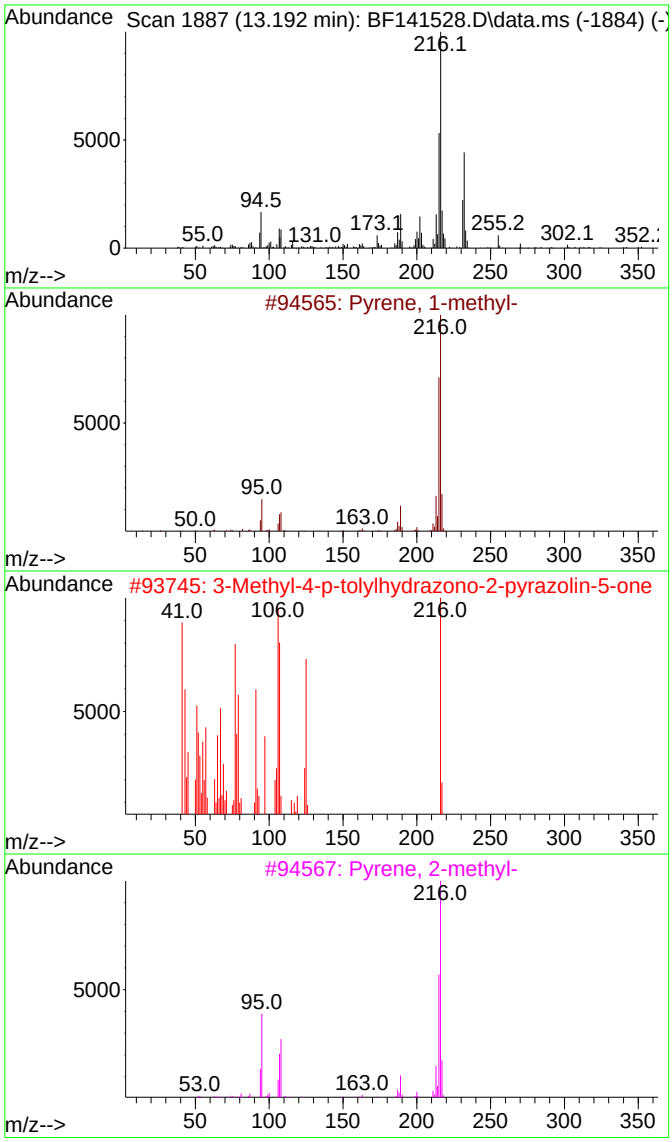
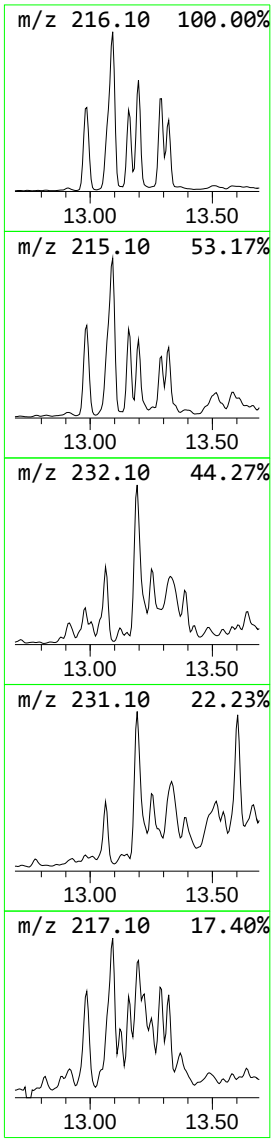
Peak Number 19 3-Methyl-4-p-tolylhydrazono... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	3.96 ng	322224	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	3-Methyl-4-p-tolylhydrazono-2-py...	216	C11H12N4O	065078-61-7	86
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141528.D
Acq On : 08 Feb 2025 00:20
Operator : RC/JU
Sample : Q1232-19 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

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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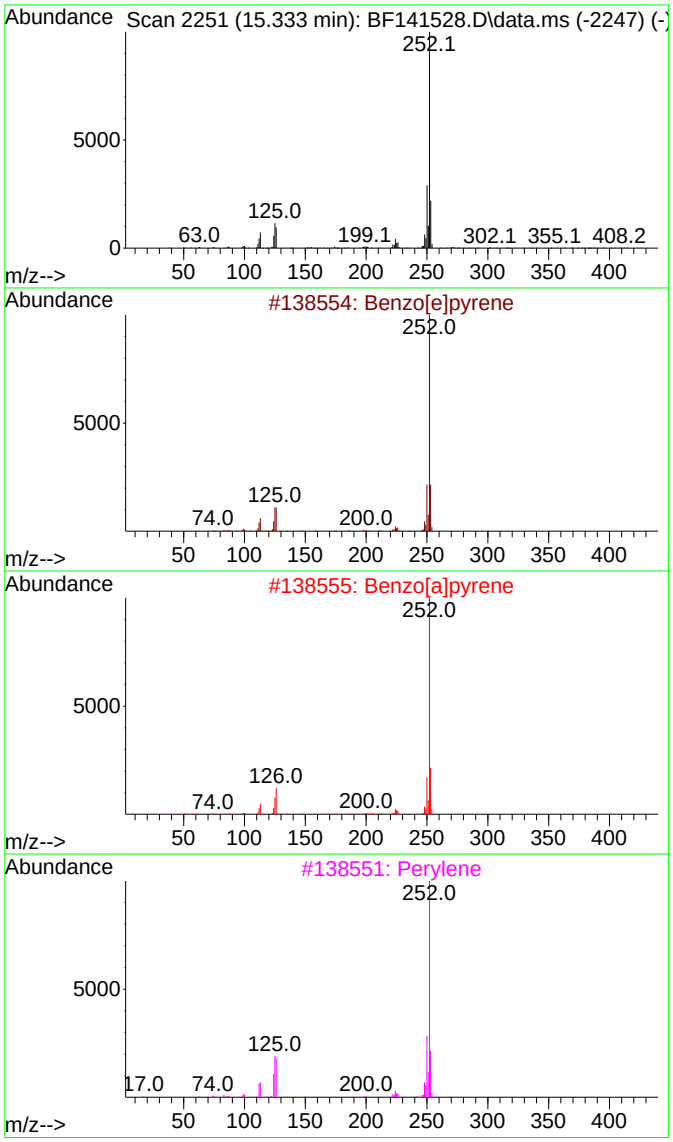
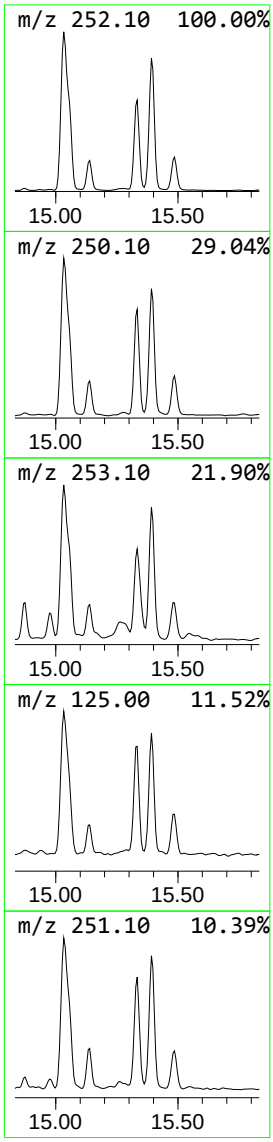
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.333	32.26 ng	422336	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141528.D
Acq On : 08 Feb 2025 00:20
Operator : RC/JU
Sample : Q1232-19 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

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
Benzophenone	10.539	5.1	ng	172793	3	9.827	679730	20.0
Tridecane, 3-me...	10.739	3.9	ng	118891	4	11.316	603301	20.0
Anthracene, 1,2...	11.180	4.3	ng	128641	4	11.316	603301	20.0
Dibenzothiophene	11.216	4.1	ng	122728	4	11.316	603301	20.0
Naphthalene, 1-...	11.610	3.4	ng	103192	4	11.316	603301	20.0
Phenanthrene, 1...	11.822	10.6	ng	320463	4	11.316	603301	20.0
1H-Cyclopropa[l...	11.851	13.9	ng	419627	4	11.316	603301	20.0
Phenanthrene, 2...	11.898	5.6	ng	169889	4	11.316	603301	20.0
4H-Cyclopenta[d...	11.933	24.5	ng	738286	4	11.316	603301	20.0
unknown12.016	12.016	4.7	ng	142338	4	11.316	603301	20.0
Naphthalene, 2-...	12.116	8.2	ng	246418	4	11.316	603301	20.0
9,10-Anthracene...	12.145	3.4	ng	103260	4	11.316	603301	20.0
4b,8-Dimethyl-2...	12.263	7.2	ng	217003	4	11.316	603301	20.0
Phenanthrene, 2...	12.374	7.9	ng	239622	4	11.316	603301	20.0
unknown12.410	12.410	5.7	ng	173254	4	11.316	603301	20.0
Cyclopenta(def)...	12.463	6.2	ng	186013	4	11.316	603301	20.0
Pyrene, 1-methyl-	12.980	4.3	ng	351218	5	13.974	1626090	20.0
11H-Benzo[a]flu...	13.092	5.3	ng	427272	5	13.974	1626090	20.0
3-Methyl-4-p-to...	13.192	4.0	ng	322224	5	13.974	1626090	20.0
Benzo[e]pyrene	15.333	32.3	ng	422336	6	15.457	261803	20.0