LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134468.D
Acq On : 25 Jul 2023 18:06
Operator : CG\JU
Sample : 03331-08DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITE-SB17DL

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-BF072423.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134468.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.469	572	575	591	rBV	311570	385413	19.84%	1.958%
2	6.481	744	747	767	rBV	280999	408479	21.03%	2.075%
3	6.834	803	807	815	rBV	837507	746495	38.43%	3.792%
4	7.392	899	902	912	rBV	231056	231240	11.90%	1.175%
5	8.110	1021	1024	1037	rVB	1163008	941959	48.49%	4.785%
6	8.828	1143	1146	1157	rBV	15874	20328	1.05%	0.103%
7	8.922	1157	1162	1166	rBV2	27448	26143	1.35%	0.133%
8	9.186	1203	1207	1217	rBV	561843	483344	24.88%	2.456%
9	9.457	1248	1253	1257	rBV2	21541	28389	1.46%	0.144%
10	9.528	1261	1265	1267	rBV	45098	45618	2.35%	0.232%
11	9.645	1281	1285	1291	rBV	22040	29635	1.53%	0.151%
12	9.728	1296	1299	1304	rVB	61687	56760	2.92%	0.288%
13	9.869	1319	1323	1326	rBV	1051361	835980	43.03%	4.247%
14	9.898	1326	1328	1332	rVB	106678	87763	4.52%	0.446%
15	10.022	1345	1349	1353	rBV2	14909	20685	1.06%	0.105%
16	10.075	1353	1358	1361	rVV2	56769	58544	3.01%	0.297%
17	10.110	1361	1364	1368	rVB	28305	27044	1.39%	0.137%
18	10.186	1374	1377	1380	rBV	19685	21269	1.09%	0.108%
19	10.286	1388	1394	1398	rBV4	25850	52542	2.70%	0.267%
20	10.416	1413	1416	1421	rBV	102992	101373	5.22%	0.515%
21	10.580	1441	1444	1448	rVB2	60605	64855	3.34%	0.329%
22	10.663	1454	1458	1463	rBV	253947	233576	12.02%	1.187%
23	10.780	1473	1478	1484	rVB7	24327	42490	2.19%	0.216%
24	10.969	1503	1510	1513	rBV3	41392	55188	2.84%	0.280%
25	10.998	1513	1515	1518	rVV2	29799	27178	1.40%	0.138%
26	11.051	1522	1524	1527	rVB2	26646	22576	1.16%	0.115%
27	11.098	1527	1532	1533	rBV2	30815	38671	1.99%	0.196%
28	11.122	1533	1536	1540	rVV3	36478	48398	2.49%	0.246%
29	11.175	1542	1545	1548	rVV	31960	36442	1.88%	0.185%
30	11.210	1548	1551	1555	rVV3	36332	57375	2.95%	0.291%
31	11.263	1556	1560	1565	rVB	60185	67269	3.46%	0.342%
32	11.363	1573	1577	1579	rBV	879846	743088	38.25%	3.775%
33	11.386	1579	1581	1585	rVV	1115101	902084	46.43%	4.583%
34	11.439	1587	1590	1593	rVV	307726	259233	13.34%	1.317%
35	11.480	1593	1597	1602	rVV3	27648	51024	2.63%	0.259%
36	11.522	1602	1604	1610	rVB7	13254	25182	1.30%	0.128%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
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Operator : CG\JU
Sample : 03331-08DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SB17DL

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-BF072423.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.604	1613	1618	1624	rVV2	62156	98562	5.07%	0.501%
38	11.657	1624	1627	1631	rVV2	36878	42198	2.17%	0.214%
39	11.698	1631	1634	1639	rVB3	32490	44967	2.31%	0.228%
40	11.780	1645	1648	1652	rVB2	25499	29964	1.54%	0.152%
41	11.869	1659	1663	1665	rVV	192925	170679	8.79%	0.867%
42	11.898	1665	1668	1671	rVV	292016	292218	15.04%	1.485%
43	11.927	1671	1673	1674	rVV	64060	55117	2.84%	0.280%
44	11.945	1674	1676	1679	rVV	117820	98766	5.08%	0.502%
45	11.980	1679	1682	1685	rVV	304380	353880	18.22%	1.798%
46	12.004	1685	1686	1692	rVB	139422	83787	4.31%	0.426%
47	12.057	1692	1695	1697	rBV4	20906	24364	1.25%	0.124%
48	12.163	1710	1713	1717	rBV	100955	95410	4.91%	0.485%
49	12.198	1717	1719	1723	rVB	65241	57453	2.96%	0.292%
50	12.316	1734	1739	1742	rBV2	52669	61711	3.18%	0.314%
51	12.345	1742	1744	1746	rVV	45215	37573	1.93%	0.191%
52	12.369	1746	1748	1751	rVB2	36808	32049	1.65%	0.163%
53	12.422	1754	1757	1760	rBV	130749	128985	6.64%	0.655%
54	12.457	1760	1763	1766	rVV2	76993	109736	5.65%	0.557%
55	12.480	1766	1767	1769	rVB	45039	20981	1.08%	0.107%
56	12.516	1769	1773	1777	rBV3	87809	111672	5.75%	0.567%
57	12.586	1781	1785	1789	rBV	1674982	1517047	78.09%	7.707%
58	12.627	1789	1792	1794	rVV3	35409	36554	1.88%	0.186%
59	12.651	1794	1796	1799	rVB2	44498	35448	1.82%	0.180%
60	12.686	1799	1802	1805	rBV2	39200	43269	2.23%	0.220%
61	12.739	1808	1811	1813	rVB2	63732	59332	3.05%	0.301%
62	12.821	1818	1825	1830	rVV	1397529	1663961	85.65%	8.453%
63	12.869	1830	1833	1837	rVB2	83237	97549	5.02%	0.496%
64	12.957	1845	1848	1850	rVB	393023	289532	14.90%	1.471%
65	12.980	1850	1852	1856	rVB	86747	87910	4.53%	0.447%
66	13.039	1857	1862	1866	rBV2	104594	182227	9.38%	0.926%
67	13.145	1878	1880	1884	rVB	207008	216426	11.14%	1.099%
68	13.216	1889	1892	1894	rVB	84511	70935	3.65%	0.360%
69	13.251	1894	1898	1901	rBV2	82660	92720	4.77%	0.471%
70	13.345	1911	1914	1917	rBV	54575	48249	2.48%	0.245%
71	13.374	1917	1919	1923	rVV	53210	52676	2.71%	0.268%
72	13.439	1926	1930	1933	rVV	1590701	1423571	73.28%	7.232%
73	13.463	1933	1934	1937	rVB	171403	101967	5.25%	0.518%
74	13.639	1961	1964	1966	rBV4	26379	26929	1.39%	0.137%
75	13.669	1966	1969	1972	rVV	60578	58739	3.02%	0.298%
76	13.774	1984	1987	1989	rBV	65974	61257	3.15%	0.311%

LSC Area Percent Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SB17DL

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.798	1989	1991	1994	rVB	61695	50596	2.60%	0.257%
78	13.827	1994	1996	1997	rBV	45894	36755	1.89%	0.187%
79	13.874	2002	2004	2007	rVV	48311	45672	2.35%	0.232%
80	13.968	2017	2020	2021	rBV2	35453	36981	1.90%	0.188%
81	13.998	2021	2025	2028	rVV	1815453	1942702	100.00%	9.869%
82	14.021	2028	2029	2032	rVV	524141	489647	25.20%	2.488%
83	14.051	2032	2034	2038	rVB	297382	270020	13.90%	1.372%
84	14.133	2046	2048	2050	rBV	52595	40938	2.11%	0.208%
85	14.168	2052	2054	2058	rVB2	52030	58372	3.00%	0.297%
86	14.268	2068	2071	2074	rBV2	208880	188861	9.72%	0.959%
87	14.416	2094	2096	2099	rVB	90286	81541	4.20%	0.414%
88	14.451	2100	2102	2104	rVB2	43508	28954	1.49%	0.147%
89	14.563	2119	2121	2124	rVB3	43105	34958	1.80%	0.178%
90	15.092	2206	2211	2214	rBV	202306	317315	16.33%	1.612%
91	15.198	2227	2229	2234	rVB	44530	47819	2.46%	0.243%
92	15.404	2260	2264	2268	rBV	99753	134571	6.93%	0.684%
93	15.468	2271	2275	2282	rVB	213358	278799	14.35%	1.416%
94	15.533	2282	2286	2289	rBV	166217	199576	10.27%	1.014%

Sum of corrected areas: 19684079

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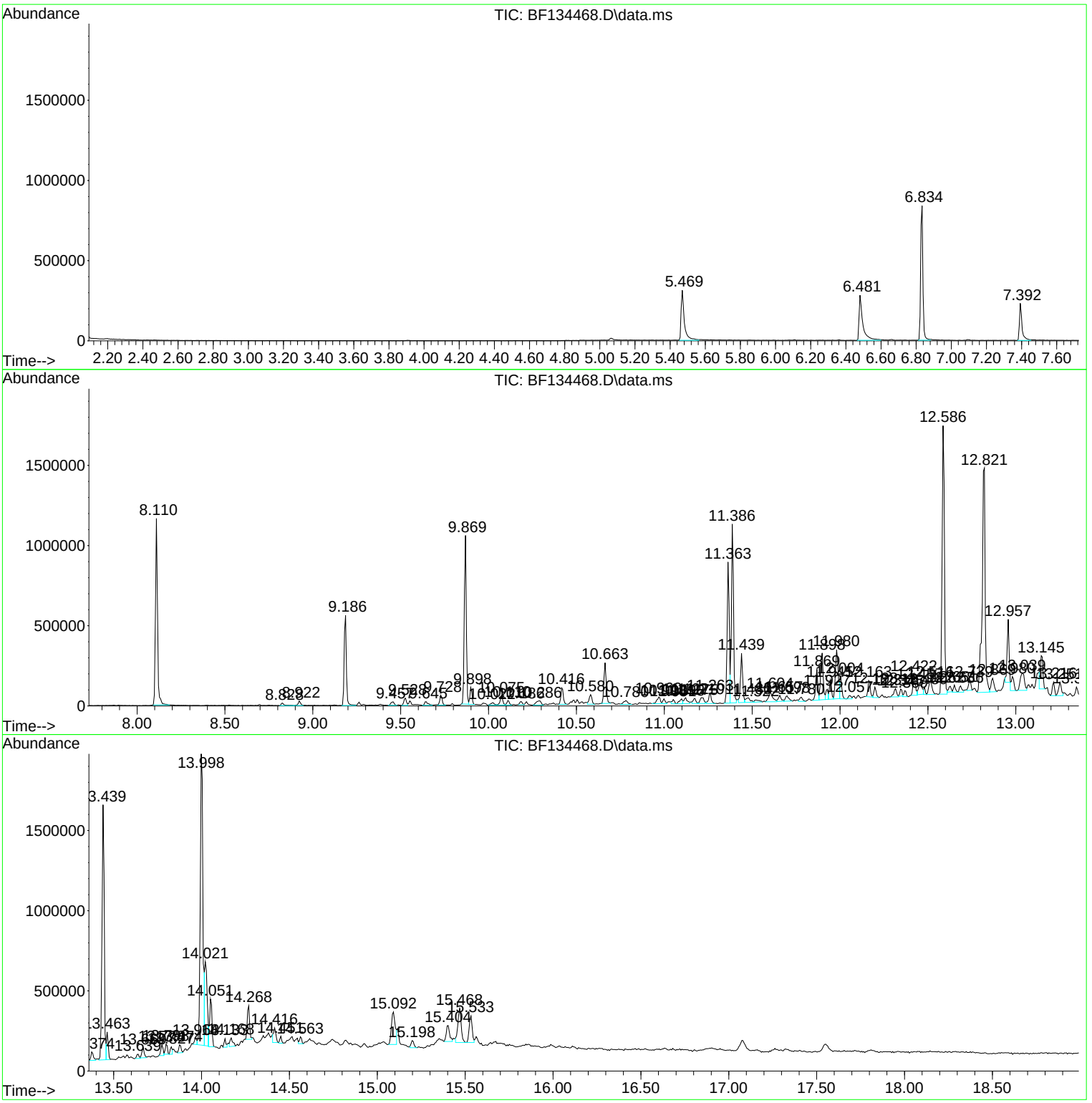
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SB17DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.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\BF072523\
Data File : BF134468.D
Acq On : 25 Jul 2023 18:06
Operator : CG\JU
Sample : 03331-08DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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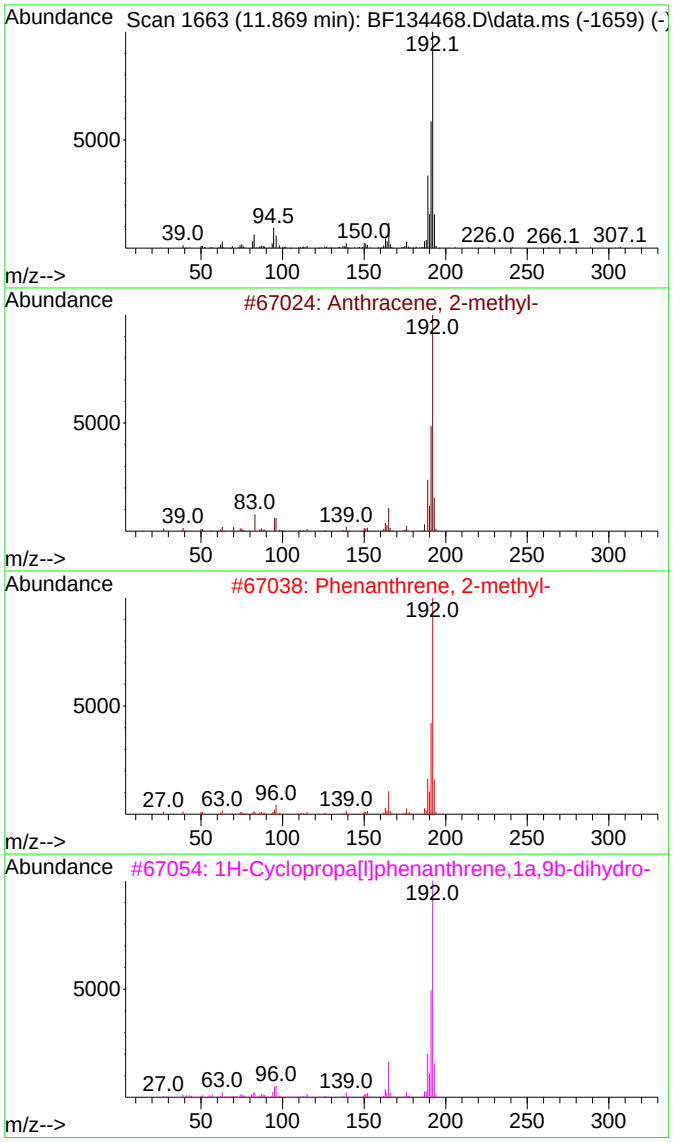
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

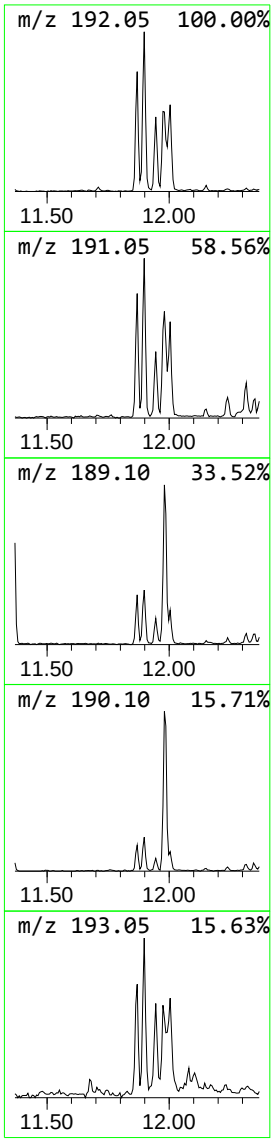
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	4.59 ng	170679	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134468.D
Acq On : 25 Jul 2023 18:06
Operator : CG\JU
Sample : 03331-08DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SB17DL

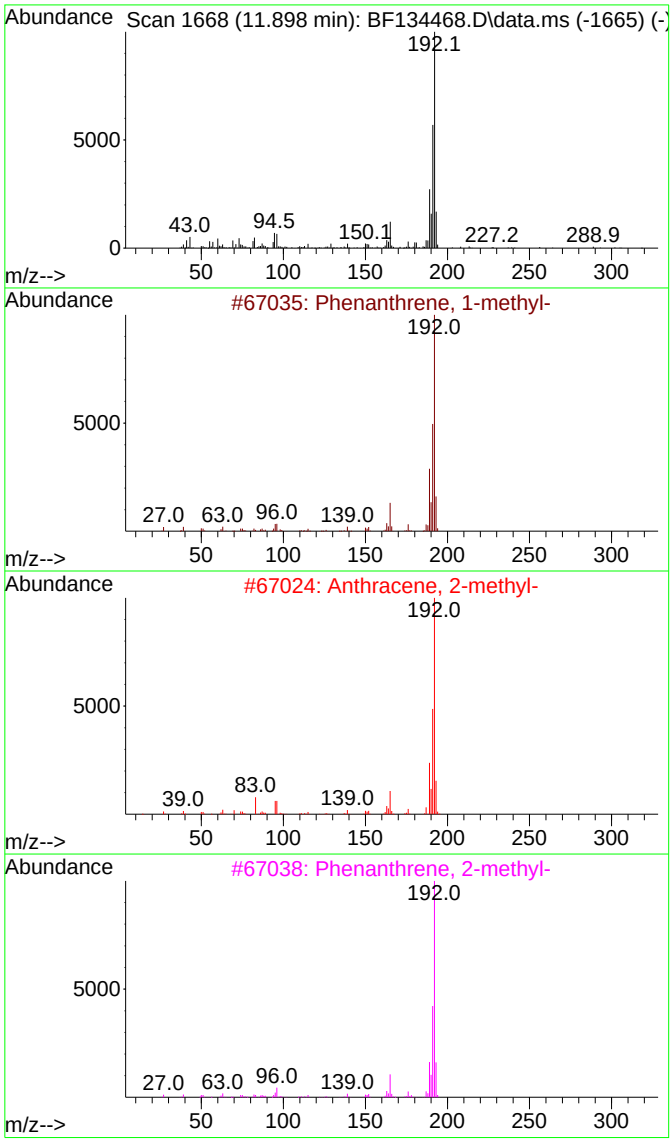
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

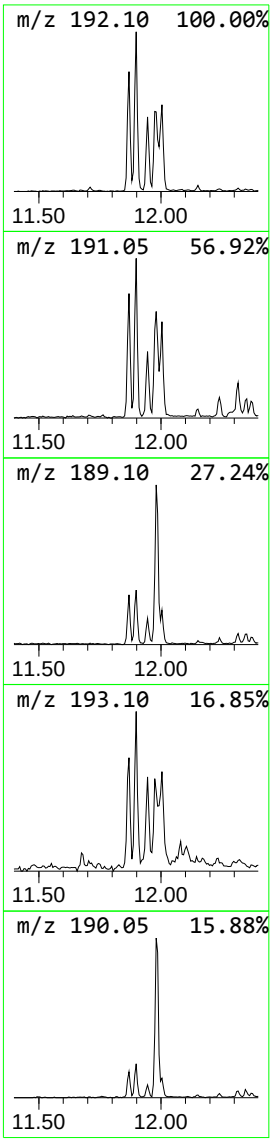
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	7.86 ng	292218	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
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Acq On : 25 Jul 2023 18:06
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SB17DL

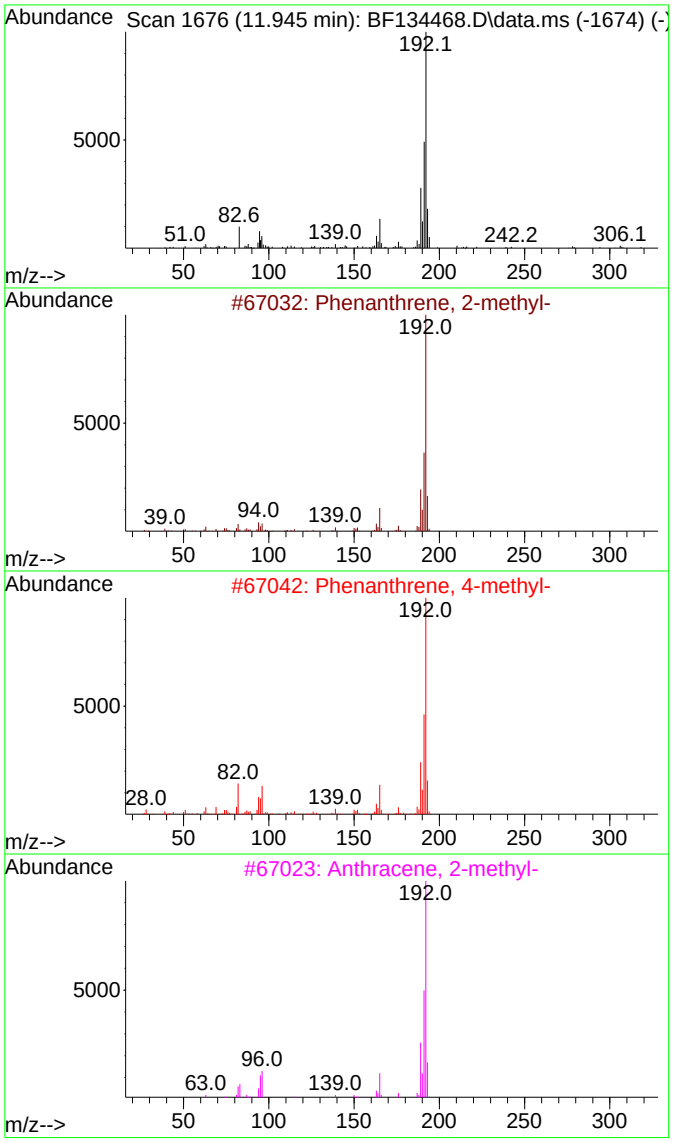
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

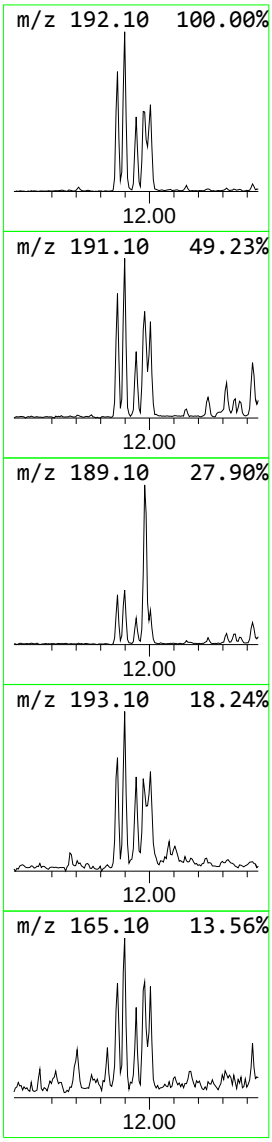
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	2.66 ng	98766	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87





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Acq On : 25 Jul 2023 18:06
Operator : CG\JU
Sample : 03331-08DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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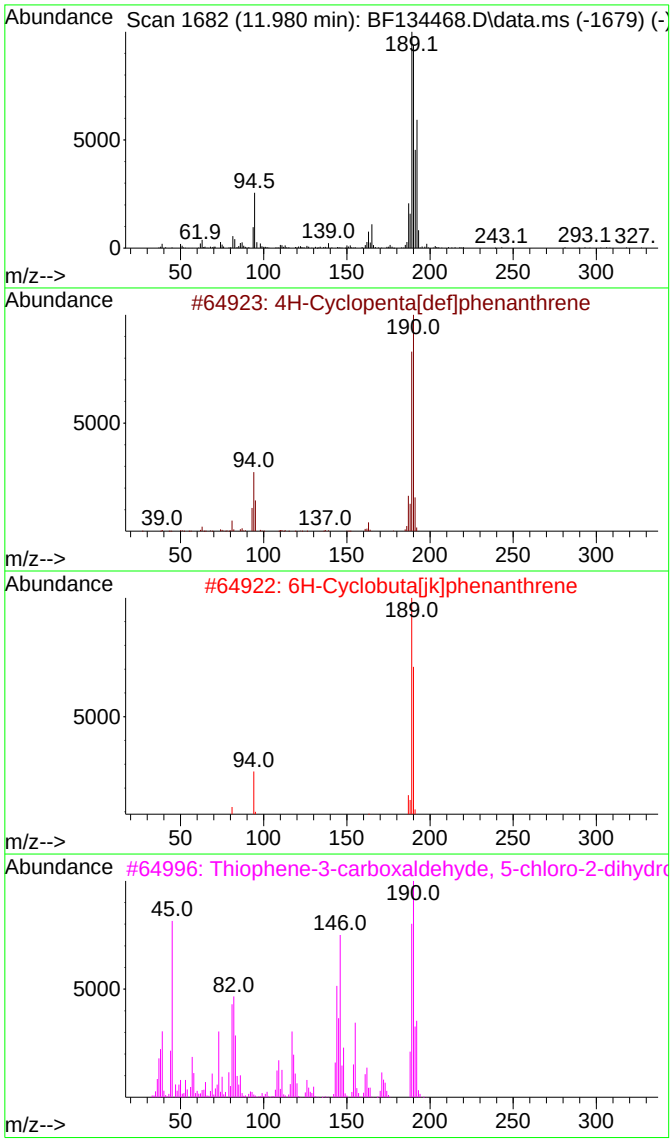
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

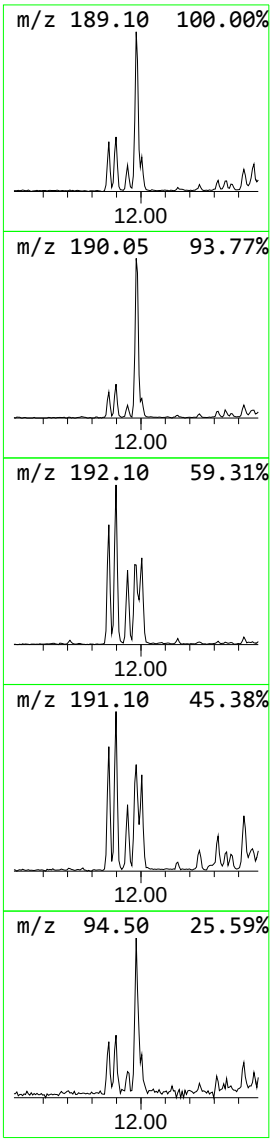
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	9.52 ng	353880	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	38
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134468.D
Acq On : 25 Jul 2023 18:06
Operator : CG\JU
Sample : 03331-08DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SB17DL

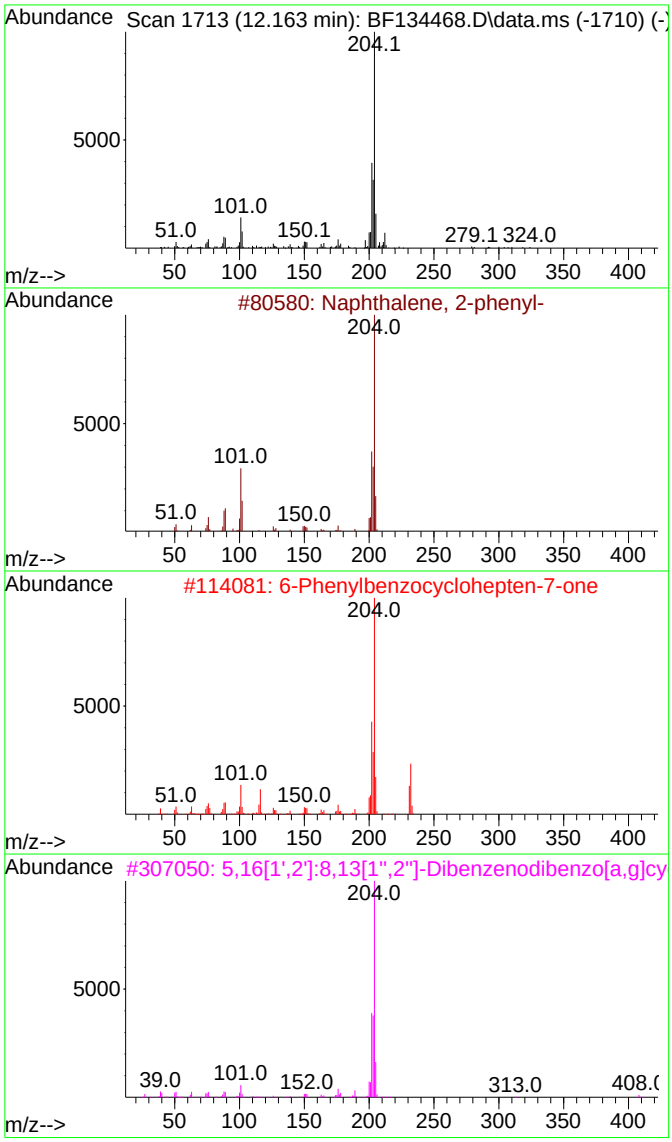
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

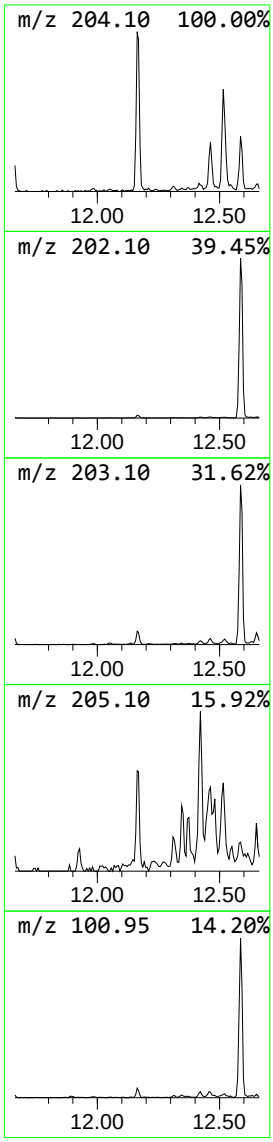
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.163	2.57 ng	95410	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134468.D
Acq On : 25 Jul 2023 18:06
Operator : CG\JU
Sample : 03331-08DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SB17DL

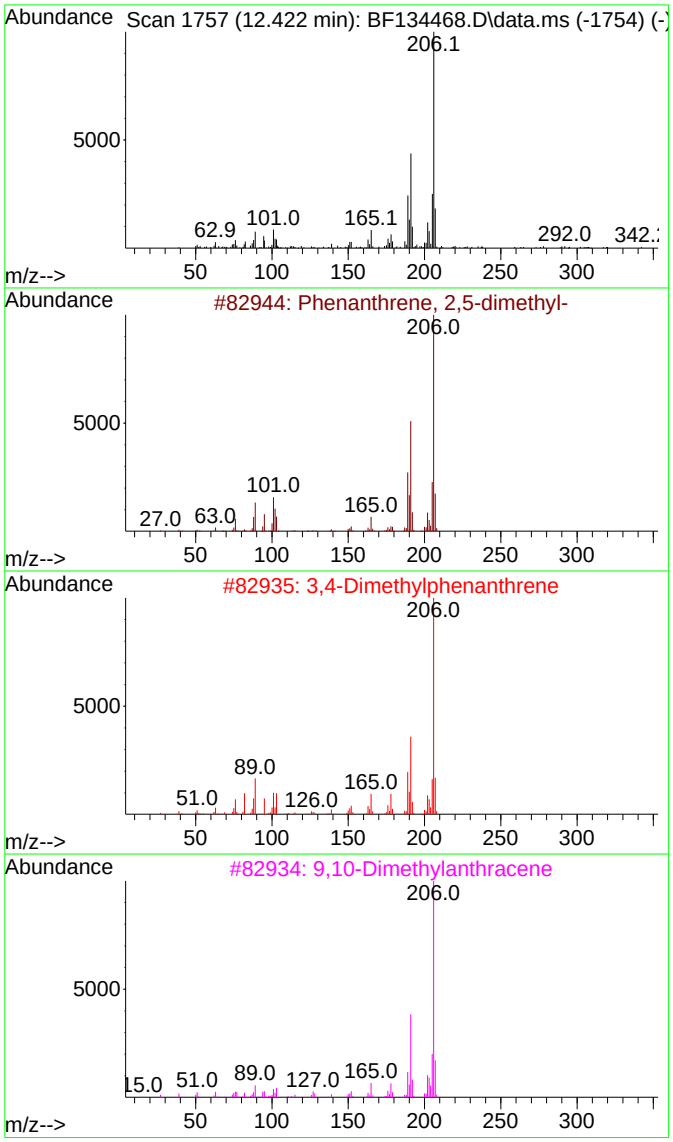
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

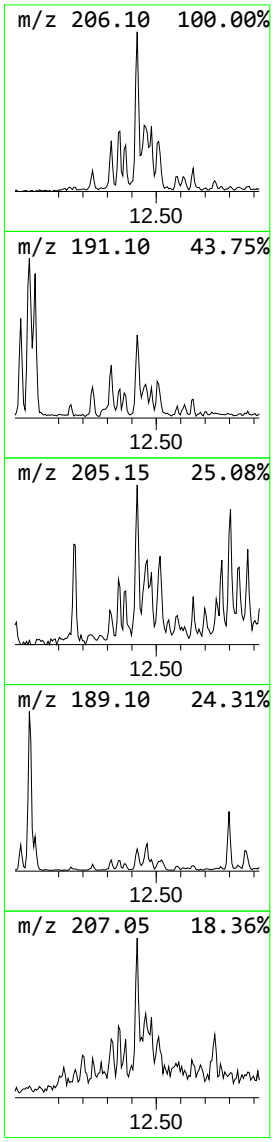
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.422	3.47 ng	128985	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Sample : 03331-08DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMPOSITE-SB17DL

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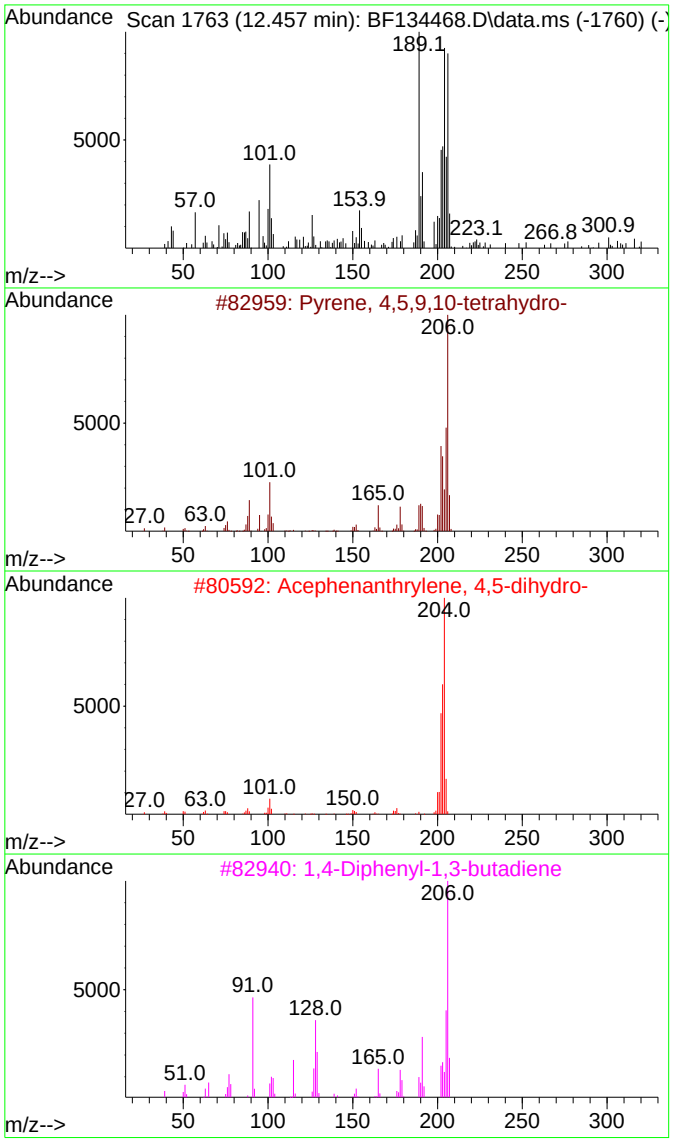
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

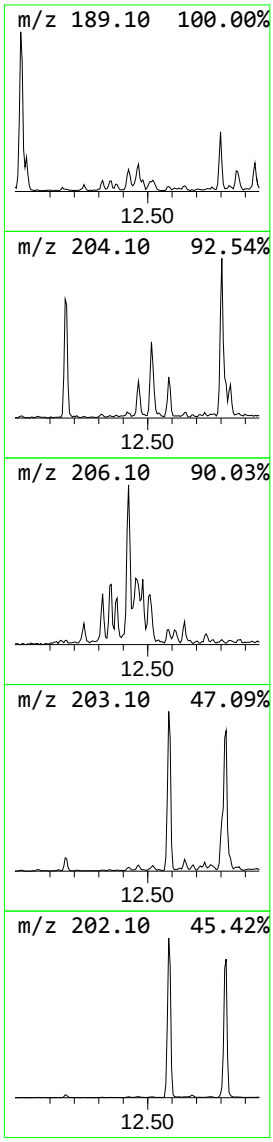
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	2.95 ng	109736	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	52
2	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	30
3	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	30
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30
5	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	22





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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
COMPOSITE-SB17DL

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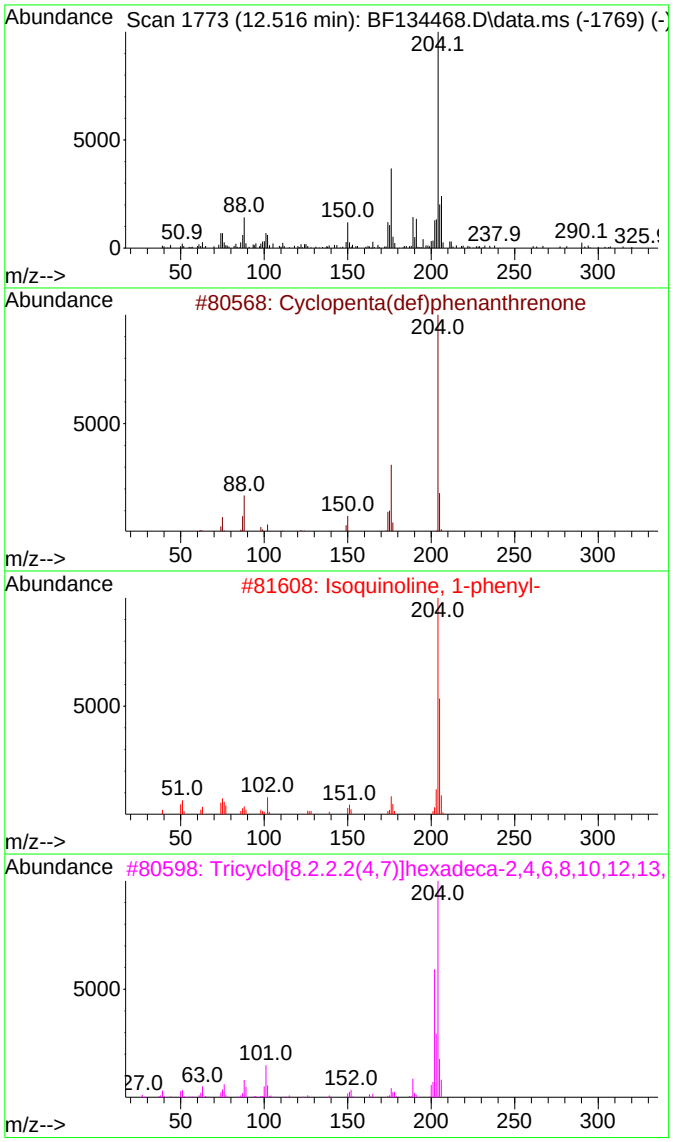
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

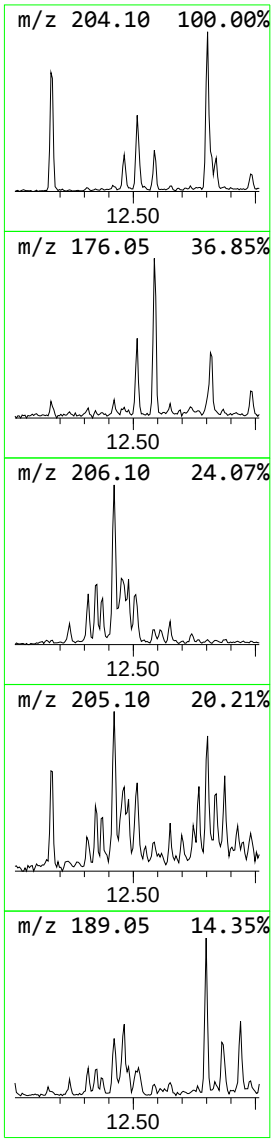
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.516	3.01 ng	111672	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	50
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	49
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
COMPOSITE-SB17DL

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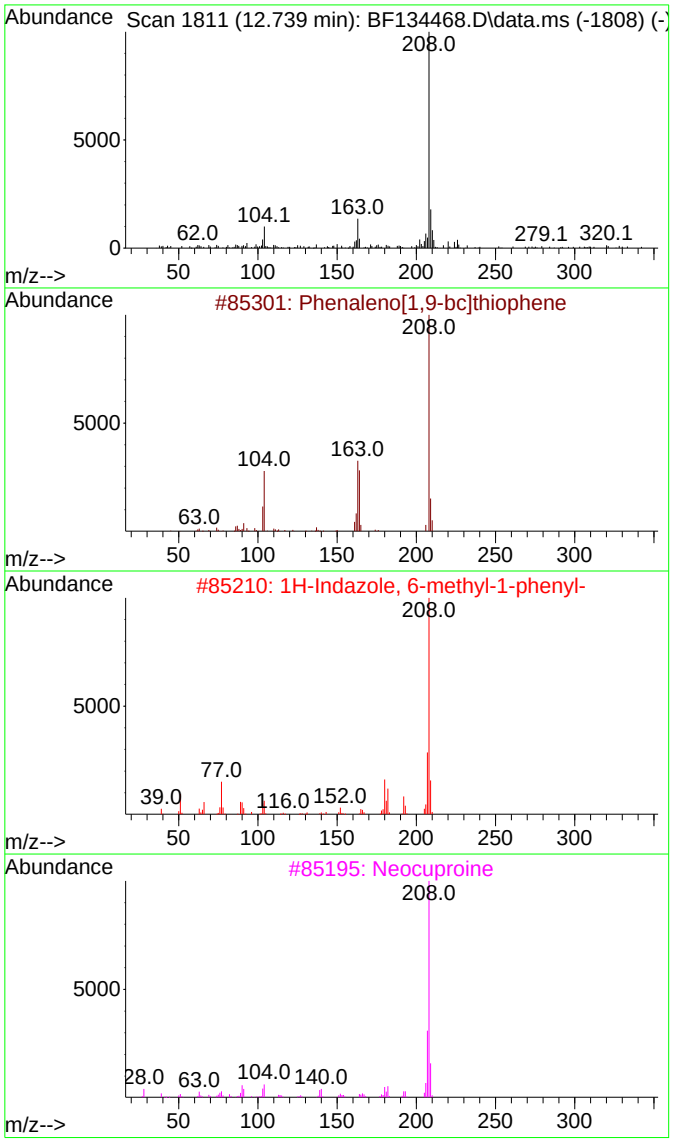
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

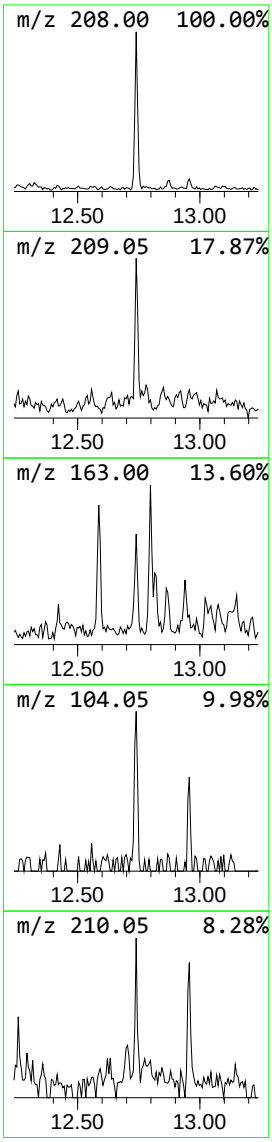
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenaleno[1,9-bc]thiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	2.42 ng	59332	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenaleno[1,9-bc]thiophene	208	C14H8S	079965-99-4	83
2	1H-Indazole, 6-methyl-1-phenyl-	208	C14H12N2	1010305-65-6	64
3	Neocuproine	208	C14H12N2	000484-11-7	64
4	Benzene, 1-methoxy-4-(phenylethy...	208	C15H12O	007380-78-1	56
5	3,4-Dimethoxycinnamic acid	208	C11H12O4	002316-26-9	53





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMPOSITE-SB17DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

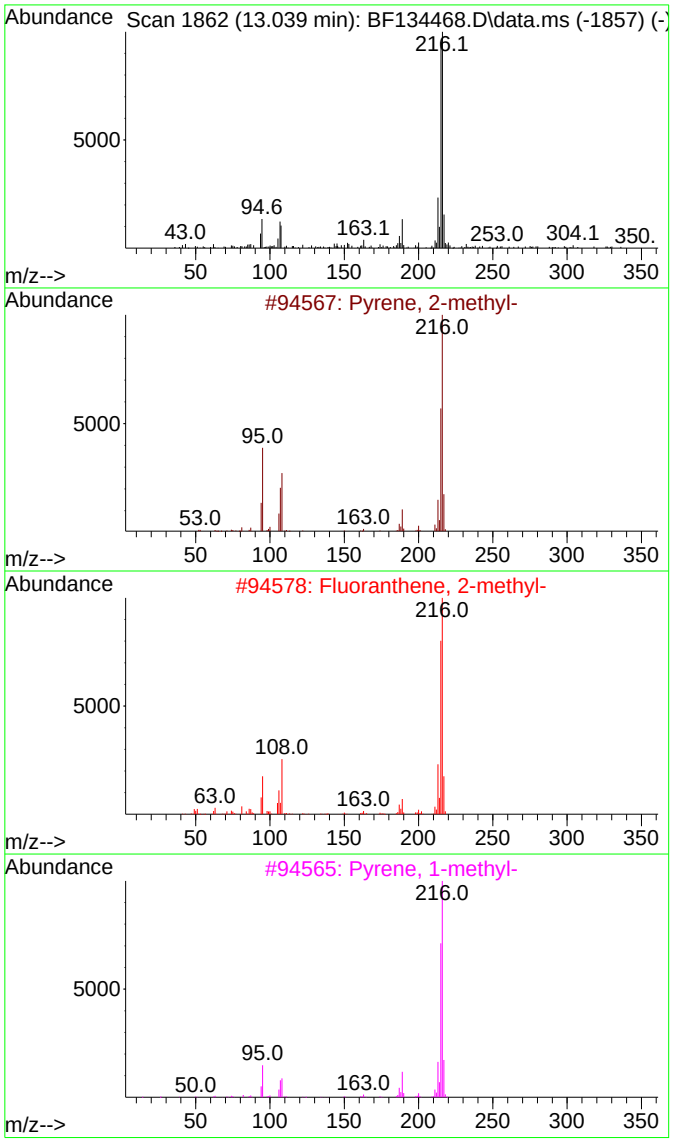
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

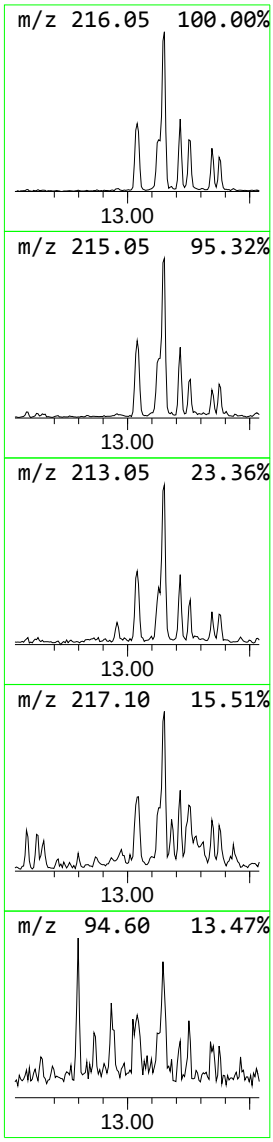
****

Peak Number 11 Pyrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.039	7.44 ng	182227	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Acq On : 25 Jul 2023 18:06
Operator : CG\JU
Sample : 03331-08DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMPOSITE-SB17DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

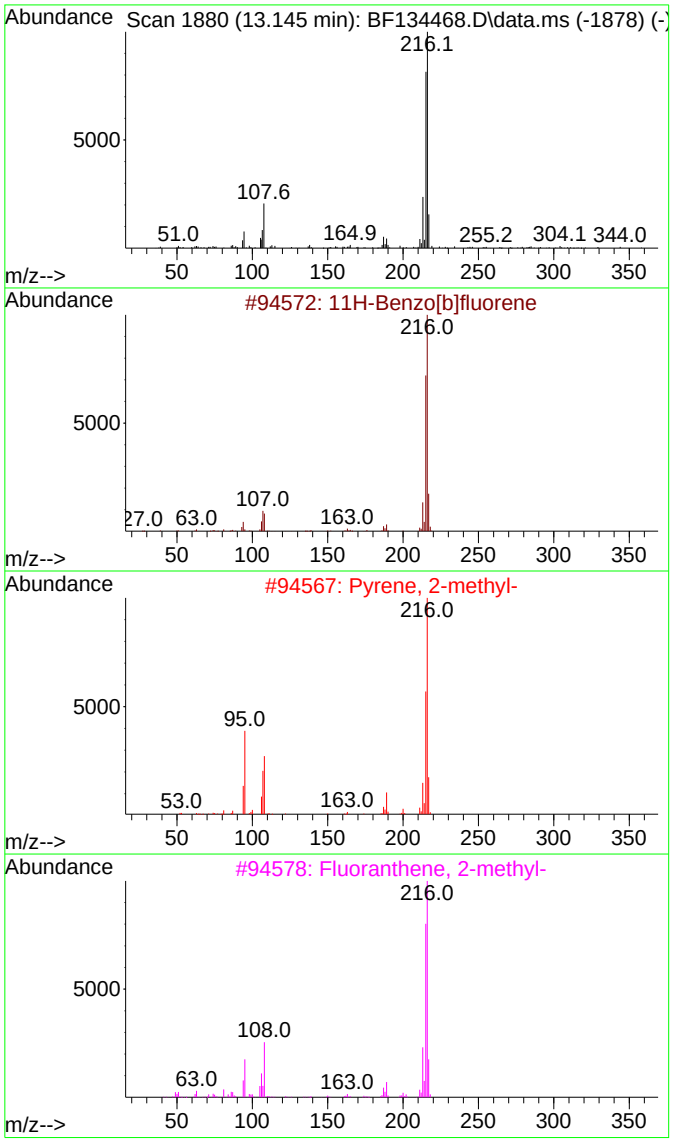
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

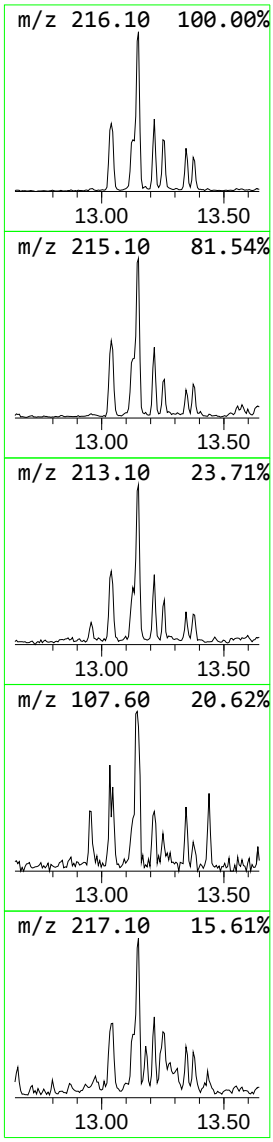
****

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.145	8.84 ng	216426	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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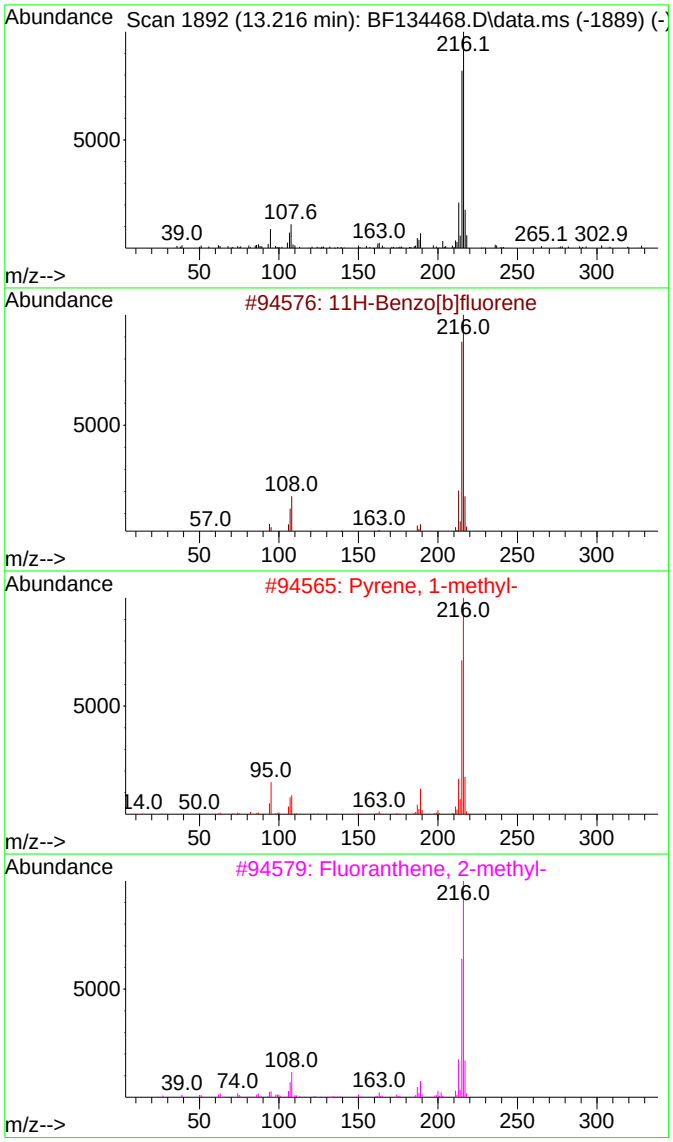
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

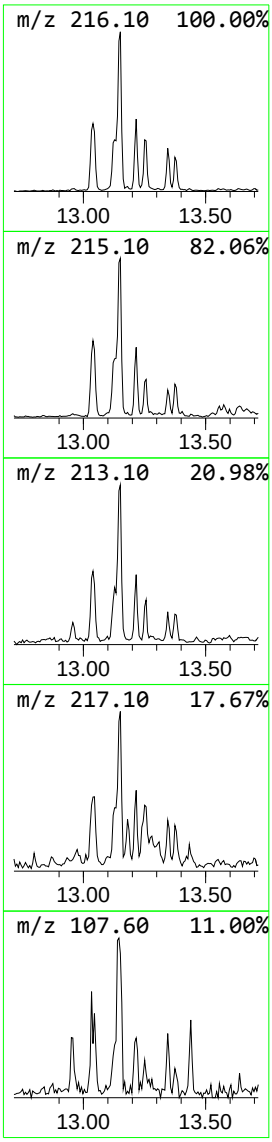
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.216	2.90 ng	70935	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Sample : 03331-08DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMPOSITE-SB17DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

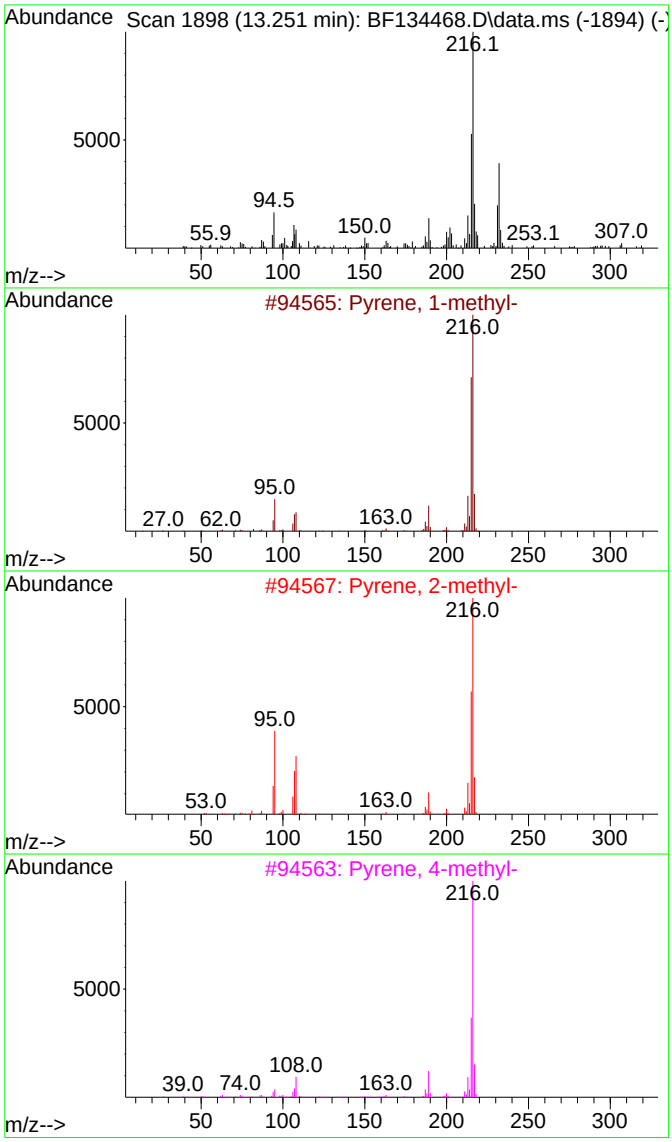
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

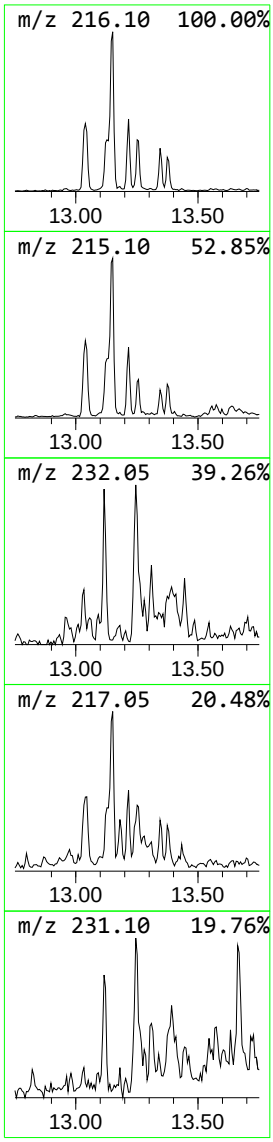
****

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	3.79 ng	92720	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	4,6-Dimethoxy-1-naphthaldehyde	216	C13H12O3	065565-33-5	49





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SB17DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

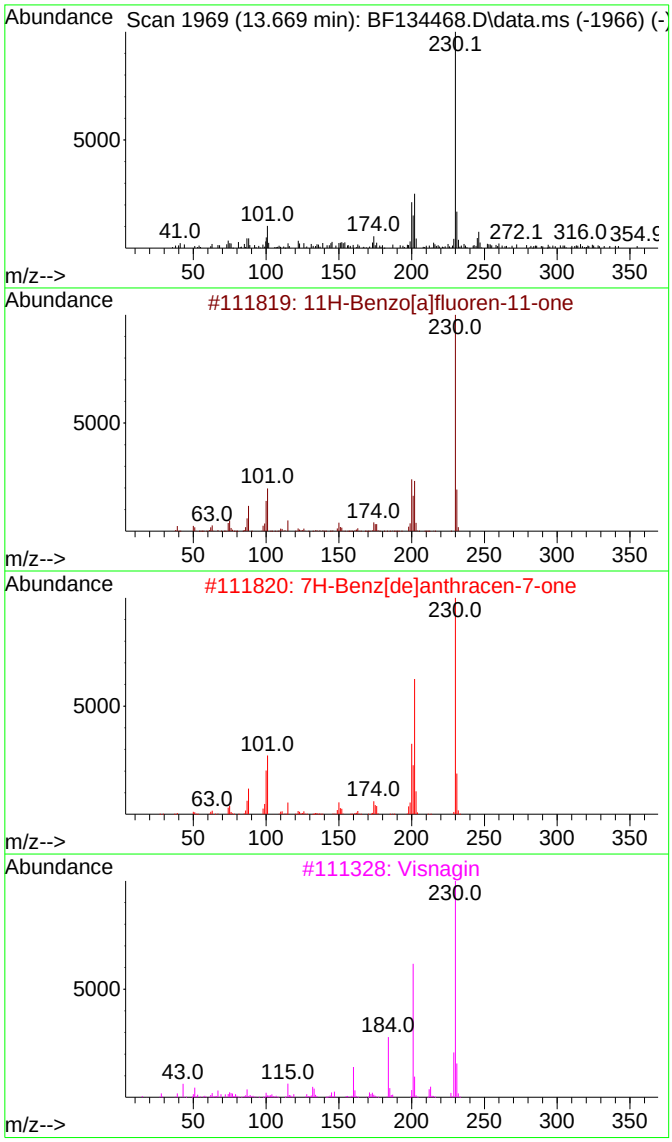
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

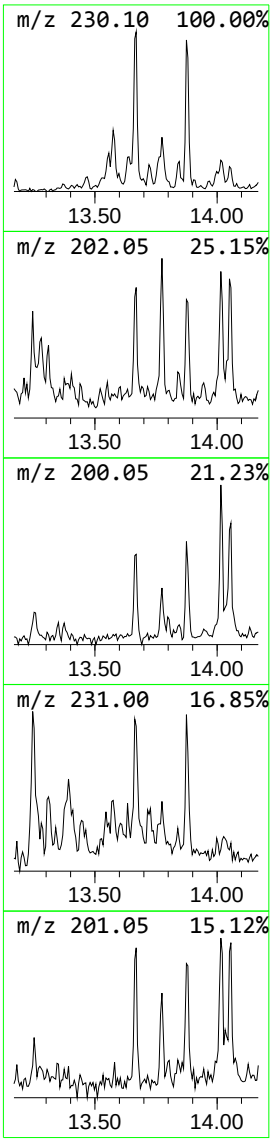
****

Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	2.40 ng	58739	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	Visnagin	230	C13H10O4	000082-57-5	50
4	3H-pyrazol-3-one, 2-(1,3-dihydro...	230	C12H10N2O3	1000396-36-9	50
5	9-Xanthenone, 3-chloro-	230	C13H7ClO2	027063-50-9	50





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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

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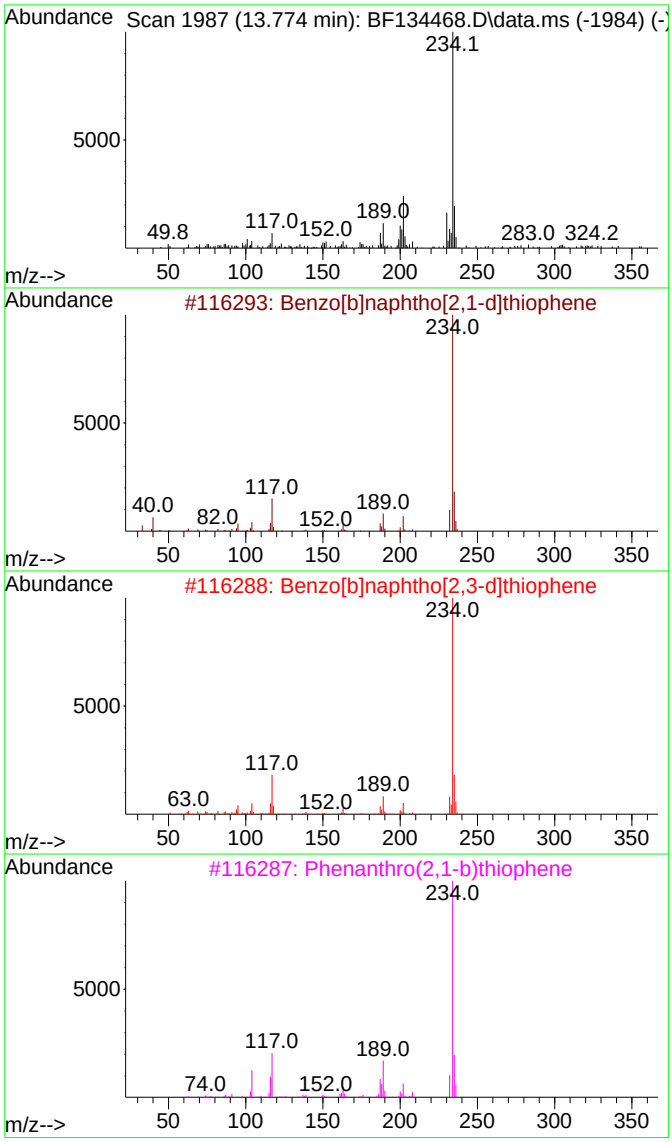
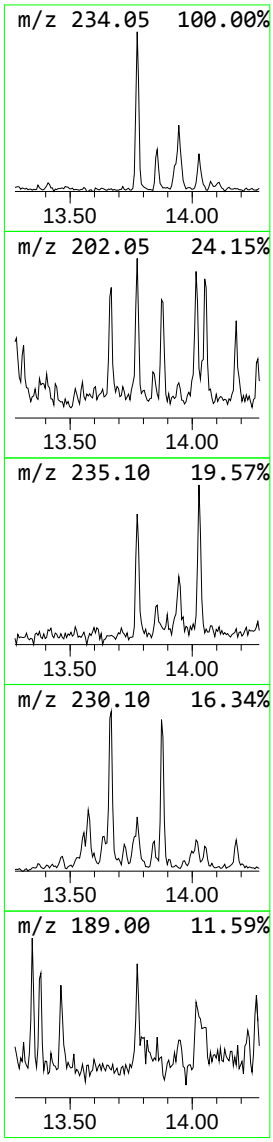
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.774	2.50 ng	61257	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	76
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	74
3	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	70
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	59
5	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	53





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ALS Vial : 11 Sample Multiplier: 1

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TIC Library : C:\Database\NIST20.L
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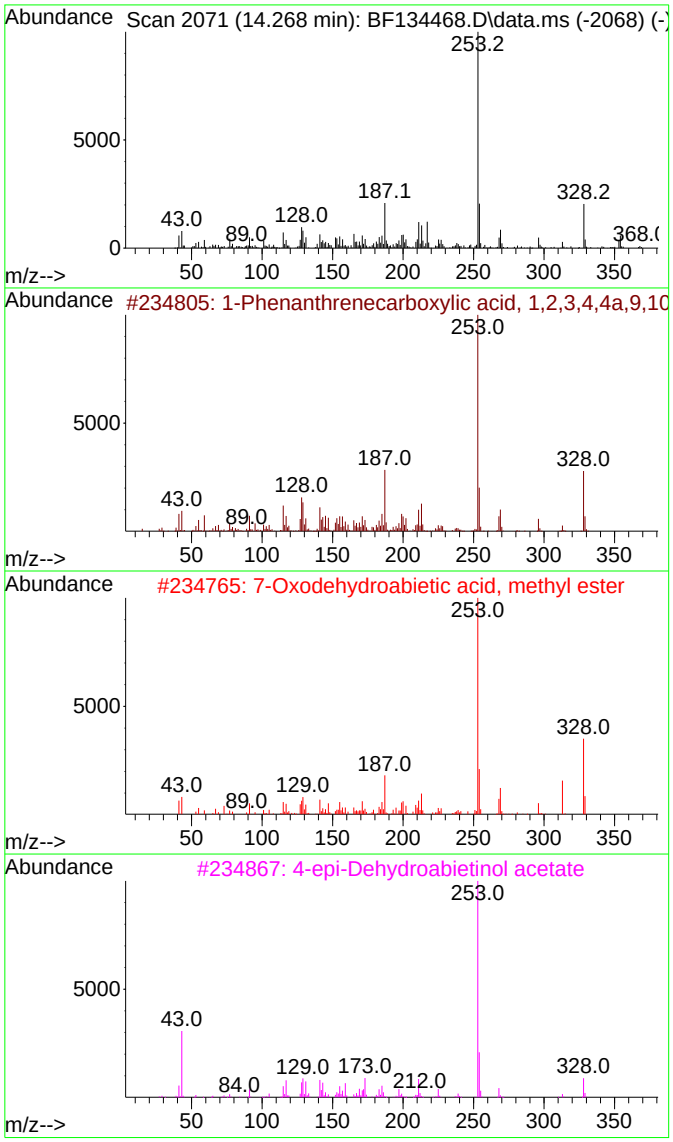
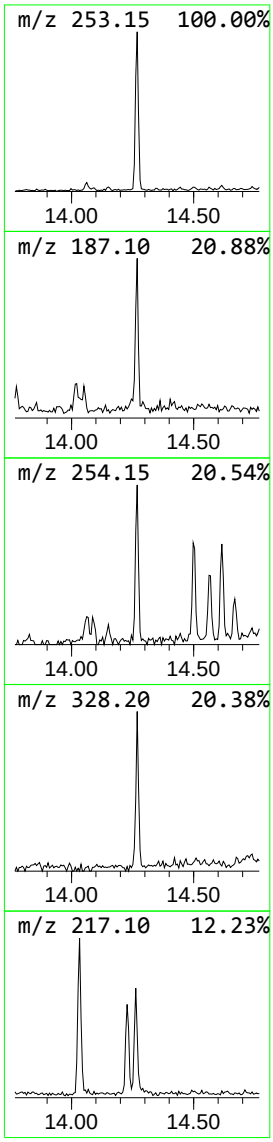
****
Peak Number 17 1-Phenanthrenecarboxylic ac... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.269	7.71 ng	188861	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 1...	328	C21H28O3	110936-78-2	99
2	7-Oxodehydroabietic acid, methyl...	328	C21H28O3	017751-36-9	83
3	4-epi-Dehydroabietinol acetate	328	C22H32O2	024462-15-5	68
4	1-Phenanthrenemethanol, 1,2,3,4,...	328	C22H32O2	043127-93-1	58
5	2,4-Diamino-8-hydroxy-5-isopropy...	296	C16H16N4O2	1000444-22-0	49





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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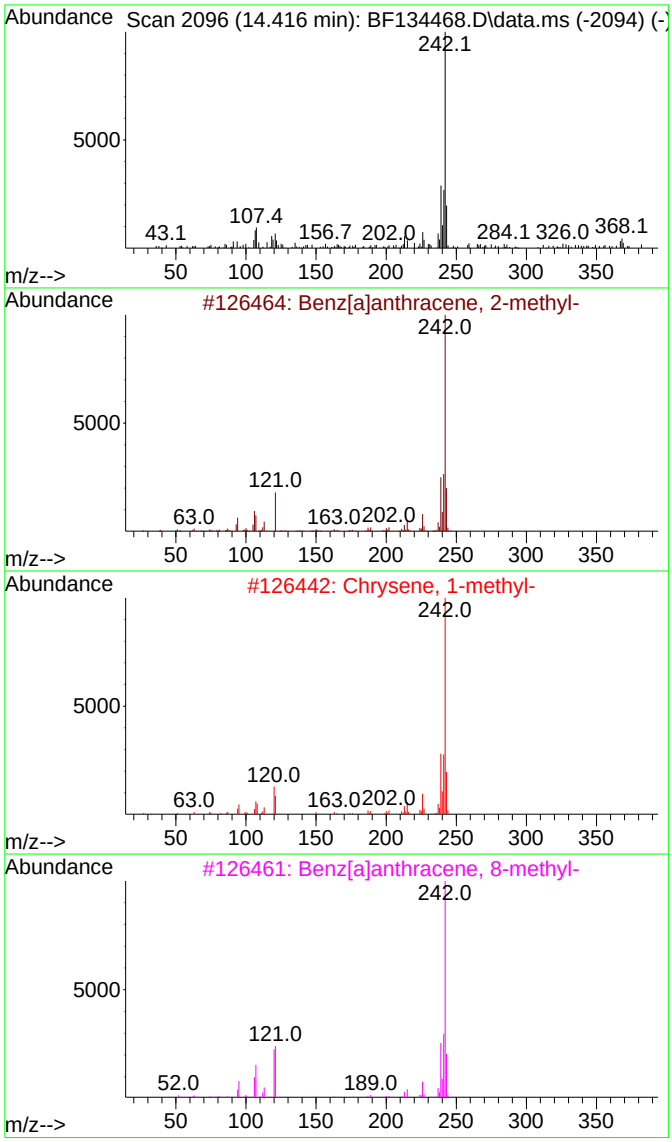
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

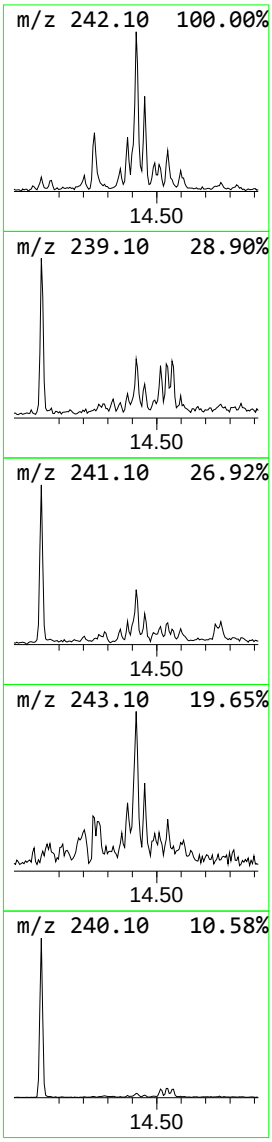
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benz[a]anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.416	3.33 ng	81541	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	90
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	89
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	70
5	2-Methylchrysene	242	C19H14	003351-32-4	68





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Data File : BF134468.D
Acq On : 25 Jul 2023 18:06
Operator : CG\JU
Sample : 03331-08DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SB17DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

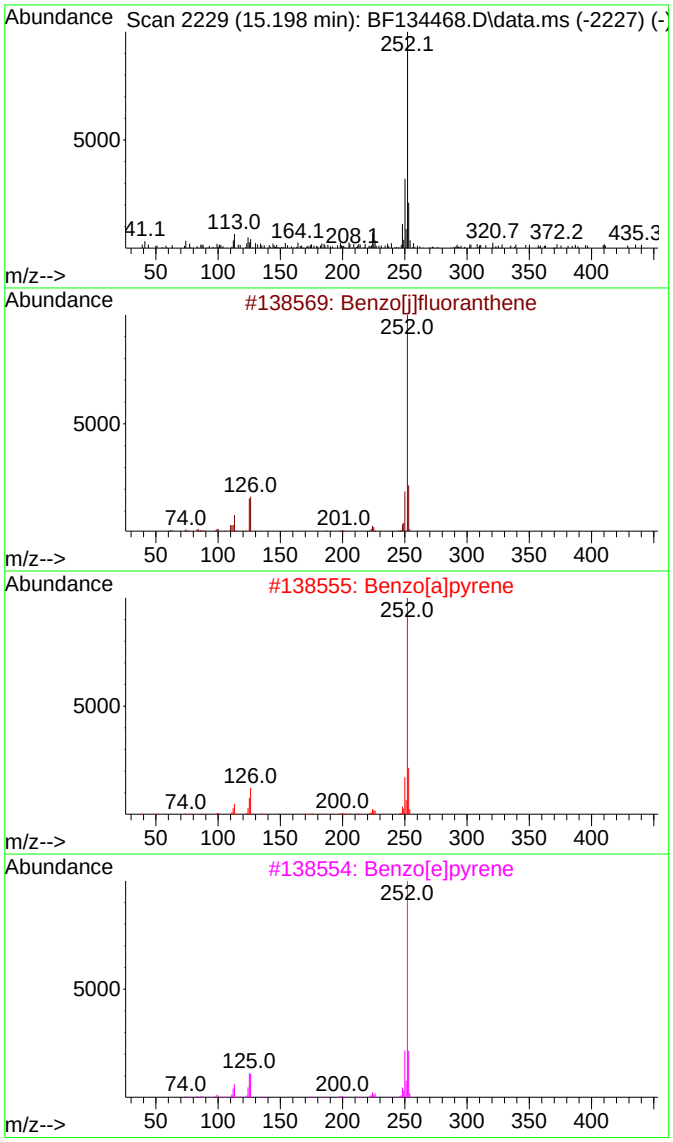
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

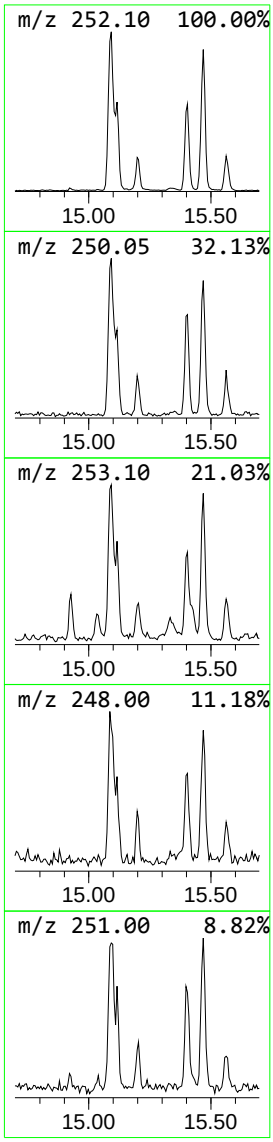
****

Peak Number 19 Benzo[j]fluoranthene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.198	4.79 ng	47819	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	70
2	Benzo[a]pyrene	252	C20H12	000050-32-8	70
3	Benzo[e]pyrene	252	C20H12	000192-97-2	70
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	70
5	Perylene	252	C20H12	000198-55-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134468.D
Acq On : 25 Jul 2023 18:06
Operator : CG\JU
Sample : 03331-08DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SB17DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.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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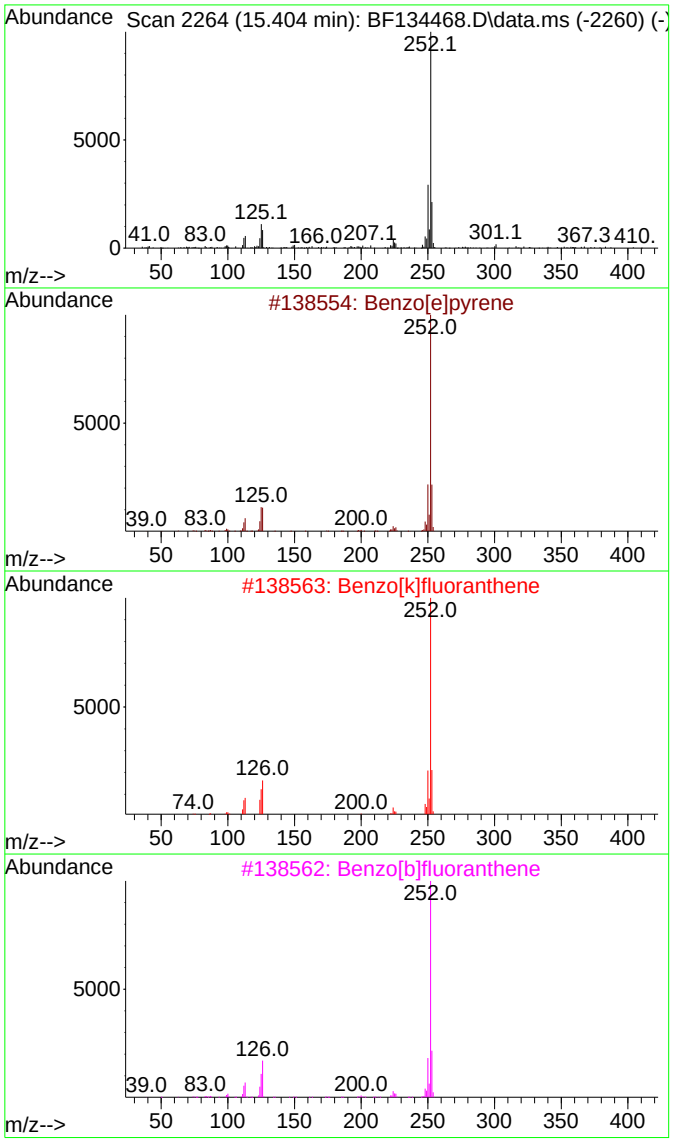
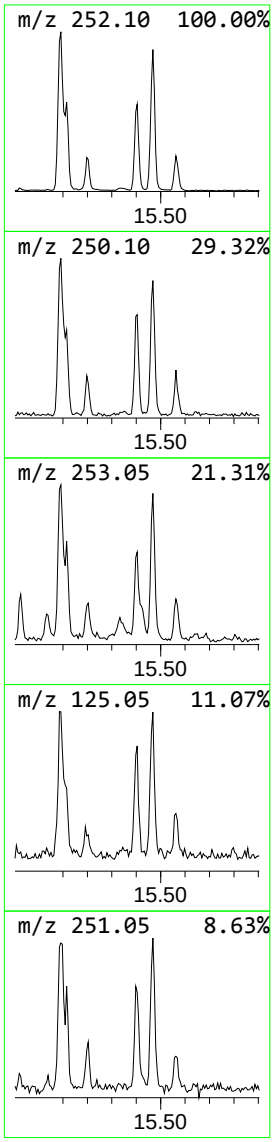
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.404	13.49 ng	134571	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134468.D
Acq On : 25 Jul 2023 18:06
Operator : CG\JU
Sample : 03331-08DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SB17DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.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
Anthracene, 2-m...	11.869	4.6	ng	170679	4	11.363	743088	20.0
Phenanthrene, 1...	11.898	7.9	ng	292218	4	11.363	743088	20.0
Phenanthrene, 2...	11.945	2.7	ng	98766	4	11.363	743088	20.0
4H-Cyclopenta[d...	11.980	9.5	ng	353880	4	11.363	743088	20.0
Naphthalene, 2-...	12.163	2.6	ng	95410	4	11.363	743088	20.0
Phenanthrene, 2...	12.422	3.5	ng	128985	4	11.363	743088	20.0
Pyrene, 4,5,9,1...	12.457	3.0	ng	109736	4	11.363	743088	20.0
Cyclopenta(def)...	12.516	3.0	ng	111672	4	11.363	743088	20.0
Phenaleno[1,9-b...	12.739	2.4	ng	59332	5	14.027	489647	20.0
Pyrene, 2-methyl-	13.039	7.4	ng	182227	5	14.027	489647	20.0
11H-Benzo[b]flu...	13.145	8.8	ng	216426	5	14.027	489647	20.0
Fluoranthene, 2...	13.216	2.9	ng	70935	5	14.027	489647	20.0
Pyrene, 1-methyl-	13.251	3.8	ng	92720	5	14.027	489647	20.0
11H-Benzo[a]flu...	13.669	2.4	ng	58739	5	14.027	489647	20.0
Benzo[b]naphtho...	13.774	2.5	ng	61257	5	14.027	489647	20.0
1-Phenanthrenec...	14.269	7.7	ng	188861	5	14.027	489647	20.0
Benz[a]anthrace...	14.416	3.3	ng	81541	5	14.027	489647	20.0
Benzo[j]fluoran...	15.198	4.8	ng	47819	6	15.533	199576	20.0
Benzo[e]pyrene	15.404	13.5	ng	134571	6	15.533	199576	20.0