LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143970.D
Acq On : 15 Oct 2025 23:47
Operator : RC/JU
Sample : Q3343-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-ROLLOFF-WC-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143970.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.952	291	299	308	rBV	163459	274266	10.04%	0.614%
2	5.493	556	561	573	rBV	329614	447933	16.40%	1.003%
3	6.498	727	732	746	rBV	296511	425388	15.57%	0.952%
4	6.881	792	797	803	rBV	822122	1057174	38.70%	2.367%
5	7.145	837	842	848	rBV	27899	45641	1.67%	0.102%
6	7.440	884	892	899	rBV	169290	233084	8.53%	0.522%
7	7.916	965	973	976	rBV4	18671	38847	1.42%	0.087%
8	7.951	976	979	990	rVB	19779	42307	1.55%	0.095%
9	8.163	1008	1015	1024	rBV2	881183	1356803	49.67%	3.038%
10	8.881	1132	1137	1143	rBV	224675	285433	10.45%	0.639%
11	8.981	1148	1154	1160	rVB	242936	327857	12.00%	0.734%
12	9.239	1193	1198	1203	rBV	322156	394937	14.46%	0.884%
13	9.339	1208	1215	1221	rBV2	26199	44267	1.62%	0.099%
14	9.439	1221	1232	1238	rBV2	43776	99234	3.63%	0.222%
15	9.504	1238	1243	1248	rBV	195829	309057	11.31%	0.692%
16	9.581	1251	1256	1259	rVV	309596	468352	17.15%	1.049%
17	9.604	1259	1260	1264	rVV	187828	187172	6.85%	0.419%
18	9.645	1264	1267	1271	rVV	42741	56511	2.07%	0.127%
19	9.698	1271	1276	1284	rVB	146760	238311	8.72%	0.534%
20	9.781	1284	1290	1298	rBV	256137	349854	12.81%	0.783%
21	9.922	1305	1314	1318	rBV	945079	1286467	47.10%	2.881%
22	9.957	1318	1320	1324	rVV2	114899	127363	4.66%	0.285%
23	10.028	1328	1332	1336	rBV	72065	107108	3.92%	0.240%
24	10.075	1336	1340	1343	rBV3	25299	40644	1.49%	0.091%
25	10.122	1343	1348	1352	rVB3	120913	164224	6.01%	0.368%
26	10.163	1352	1355	1359	rVB	132414	153811	5.63%	0.344%
27	10.239	1363	1368	1371	rBV2	141337	207650	7.60%	0.465%
28	10.269	1371	1373	1378	rVB	93692	100718	3.69%	0.226%
29	10.328	1378	1383	1389	rBV2	97335	239691	8.78%	0.537%
30	10.380	1389	1392	1394	rBV	27720	27318	1.00%	0.061%
31	10.422	1394	1399	1401	rBV3	52884	68516	2.51%	0.153%
32	10.475	1403	1408	1413	rVB2	263223	411309	15.06%	0.921%
33	10.533	1413	1418	1424	rBV3	72963	184729	6.76%	0.414%
34	10.586	1424	1427	1430	rVB2	39863	43758	1.60%	0.098%
35	10.633	1430	1435	1442	rVB5	120980	224760	8.23%	0.503%
36	10.710	1443	1448	1453	rBV2	237177	330470	12.10%	0.740%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_F
ClientSampleId :
SOIL-ROLLOFF-WC-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.757	1453	1456	1460	rVB2	32933	48549	1.78%	0.109%
38	10.839	1464	1470	1475	rVB2	91330	137937	5.05%	0.309%
39	10.886	1475	1478	1480	rBV	27616	35325	1.29%	0.079%
40	10.916	1480	1483	1485	rBV	28414	32921	1.21%	0.074%
41	10.945	1485	1488	1492	rVB4	26633	36373	1.33%	0.081%
42	11.022	1495	1501	1504	rBV2	222696	382007	13.99%	0.855%
43	11.051	1504	1506	1509	rVB	135341	130492	4.78%	0.292%
44	11.104	1512	1515	1519	rVB	106976	121872	4.46%	0.273%
45	11.151	1519	1523	1525	rBV2	58540	93472	3.42%	0.209%
46	11.222	1531	1535	1539	rVV3	108579	140664	5.15%	0.315%
47	11.263	1539	1542	1546	rVV3	62135	101932	3.73%	0.228%
48	11.310	1546	1550	1557	rVB	209880	296997	10.87%	0.665%
49	11.416	1563	1568	1570	rBV	1031163	1402887	51.36%	3.141%
50	11.439	1570	1572	1577	rVV	1353886	1697214	62.14%	3.800%
51	11.492	1577	1581	1584	rVV	232394	293717	10.75%	0.658%
52	11.522	1584	1586	1590	rVB2	97802	119899	4.39%	0.268%
53	11.657	1604	1609	1615	rBV7	61267	166699	6.10%	0.373%
54	11.710	1616	1618	1620	rBV	31495	28456	1.04%	0.064%
55	11.745	1620	1624	1629	rVB	292652	402634	14.74%	0.902%
56	11.833	1633	1639	1643	rVB2	175191	273613	10.02%	0.613%
57	11.875	1643	1646	1649	rBV	87545	108114	3.96%	0.242%
58	11.922	1649	1654	1656	rBV	799962	1066254	39.04%	2.387%
59	11.951	1656	1659	1663	rVB	939303	1149955	42.10%	2.575%
60	11.998	1663	1667	1669	rBV	235848	319709	11.70%	0.716%
61	12.033	1669	1673	1675	rBV	848388	1170211	42.84%	2.620%
62	12.110	1682	1686	1690	rBV4	60933	136051	4.98%	0.305%
63	12.151	1690	1693	1697	rVB2	120133	136421	4.99%	0.305%
64	12.216	1697	1704	1707	rBV	342012	577092	21.13%	1.292%
65	12.316	1714	1721	1723	rBV5	92867	203707	7.46%	0.456%
66	12.363	1723	1729	1732	rBV3	214382	390893	14.31%	0.875%
67	12.398	1732	1735	1737	rBV	200730	218820	8.01%	0.490%
68	12.474	1742	1748	1751	rBV	780951	1215471	44.50%	2.722%
69	12.510	1751	1754	1760	rVV2	524784	1085288	39.73%	2.430%
70	12.563	1760	1763	1771	rVB3	381840	671715	24.59%	1.504%
71	12.639	1771	1776	1780	rBV	1268340	1641893	60.11%	3.676%
72	12.698	1780	1786	1789	rBV3	188986	400509	14.66%	0.897%
73	12.727	1789	1791	1794	rVB2	85989	91469	3.35%	0.205%
74	12.769	1794	1798	1799	rBV3	85979	104771	3.84%	0.235%
75	12.792	1799	1802	1804	rVB2	74734	82508	3.02%	0.185%
76	12.869	1809	1815	1820	rVV	1787495	2731474	100.00%	6.116%

LSC Area Percent Report

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Operator : RC/JU
Sample : Q3343-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-ROLLOFF-WC-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.922	1820	1824	1828	rVV3	257110	366963	13.43%	0.822%
78	12.974	1831	1833	1834	rVV2	139262	135182	4.95%	0.303%
79	13.004	1835	1838	1846	rVB	476644	885756	32.43%	1.983%
80	13.086	1846	1852	1858	rBV3	496876	961268	35.19%	2.152%
81	13.139	1858	1861	1863	rVV	164719	202147	7.40%	0.453%
82	13.192	1863	1870	1874	rVV	569947	1228945	44.99%	2.752%
83	13.263	1875	1882	1885	rVV2	294339	561816	20.57%	1.258%
84	13.298	1885	1888	1896	rVV	613937	949408	34.76%	2.126%
85	13.392	1900	1904	1907	rVV2	505386	749766	27.45%	1.679%
86	13.421	1907	1909	1913	rVV	508866	633014	23.17%	1.417%
87	13.486	1916	1920	1927	rVB2	321830	567239	20.77%	1.270%
88	13.704	1954	1957	1962	rVB	332967	474873	17.39%	1.063%
89	13.769	1965	1968	1971	rVB	92226	95877	3.51%	0.215%
90	13.816	1971	1976	1979	rBV4	278501	549467	20.12%	1.230%
91	13.916	1990	1993	1997	rVB	192622	247606	9.06%	0.554%
92	14.068	2013	2019	2022	rBV2	1378139	2513682	92.03%	5.628%
93	14.457	2081	2085	2088	rBV	357837	460264	16.85%	1.031%
94	14.486	2088	2090	2094	rVB	216426	249649	9.14%	0.559%
95	14.580	2104	2106	2114	rVB2	220216	343498	12.58%	0.769%
96	15.121	2193	2198	2205	rBV	318686	718794	26.32%	1.609%
97	15.427	2246	2250	2255	rVB	215966	326162	11.94%	0.730%
98	15.492	2256	2261	2266	rVB	313897	492333	18.02%	1.102%
99	15.557	2267	2272	2285	rVB	581575	1099542	40.25%	2.462%

Sum of corrected areas: 44660200

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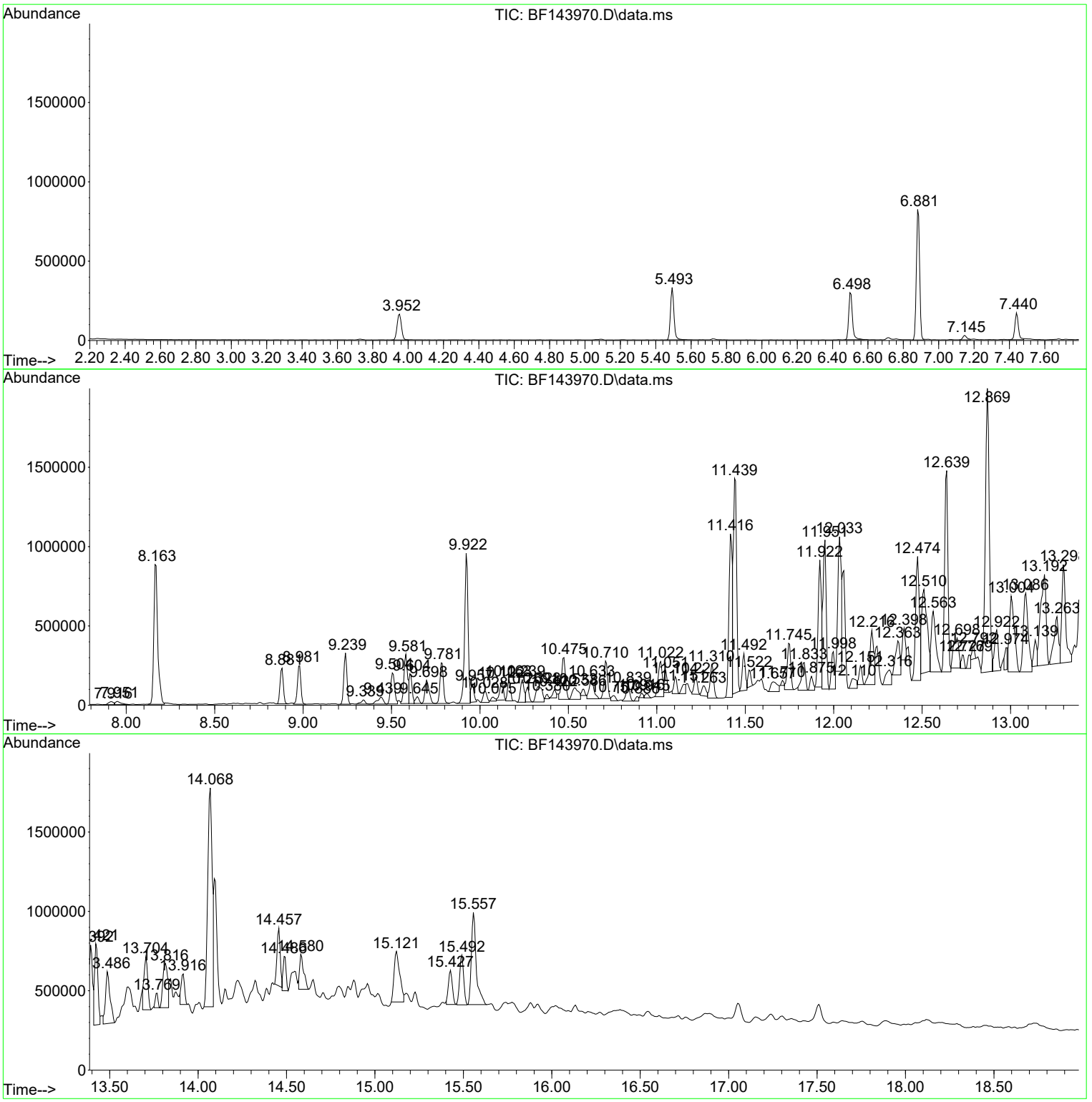
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-ROLLOFF-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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\BF101525\
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

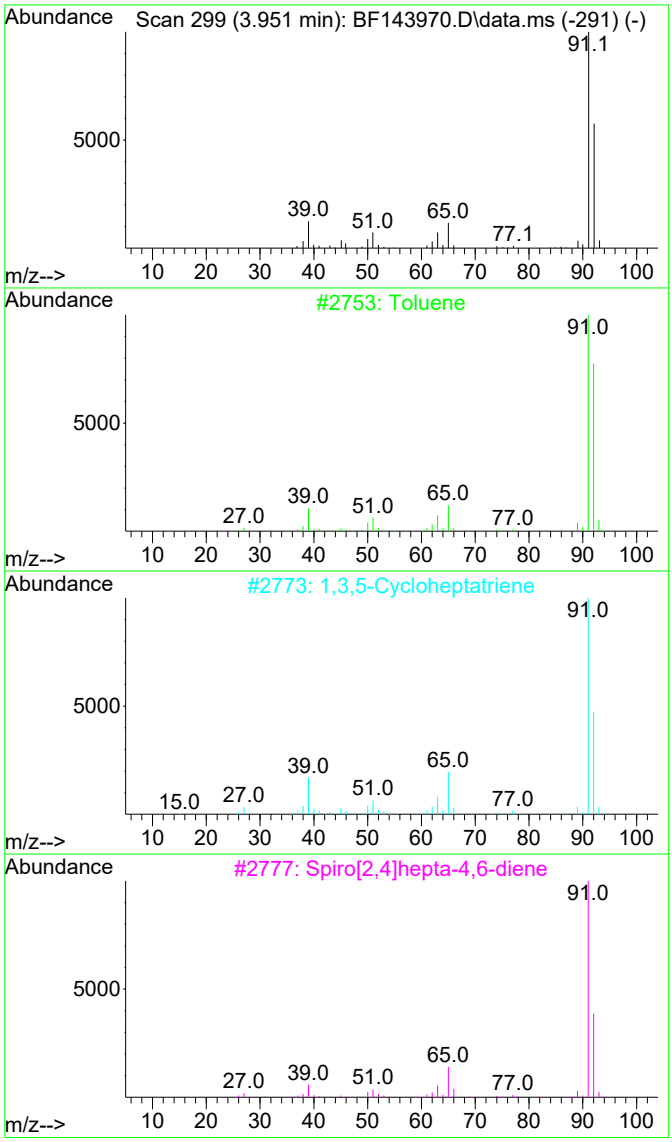
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

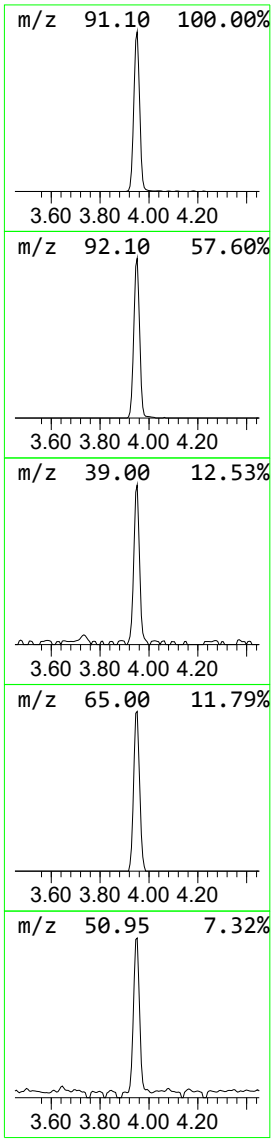
****

Peak Number 1 Toluene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.951	5.19 ng	274266	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
3	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	81
4	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	78
5	2,5-Norbornadiene	92	C7H8	000121-46-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
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ClientSampleId :
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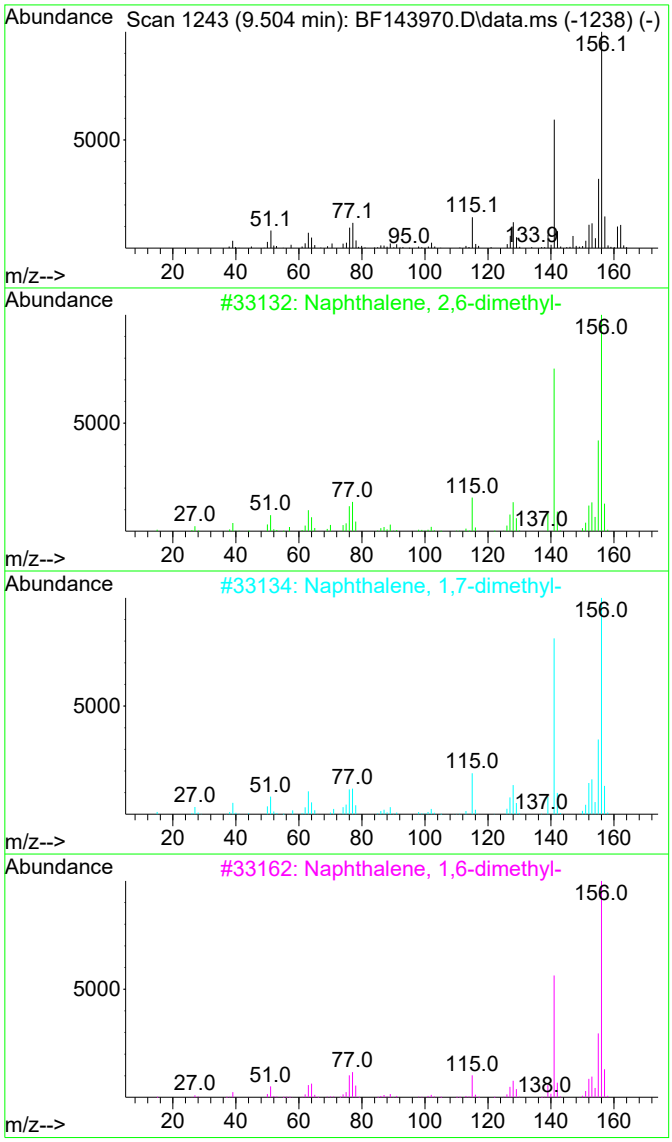
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

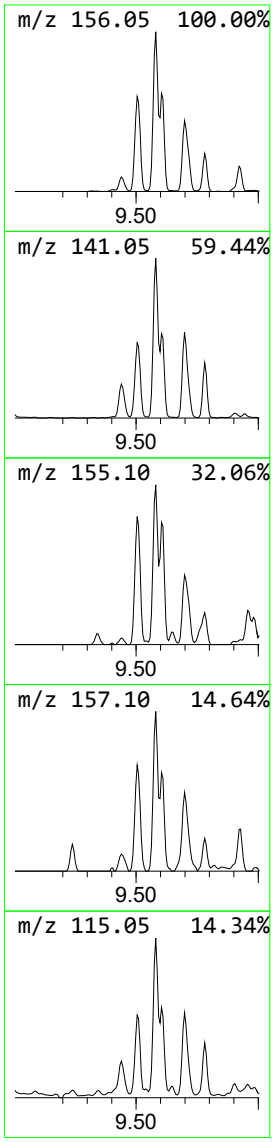
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	4.80 ng	309057	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Instrument :
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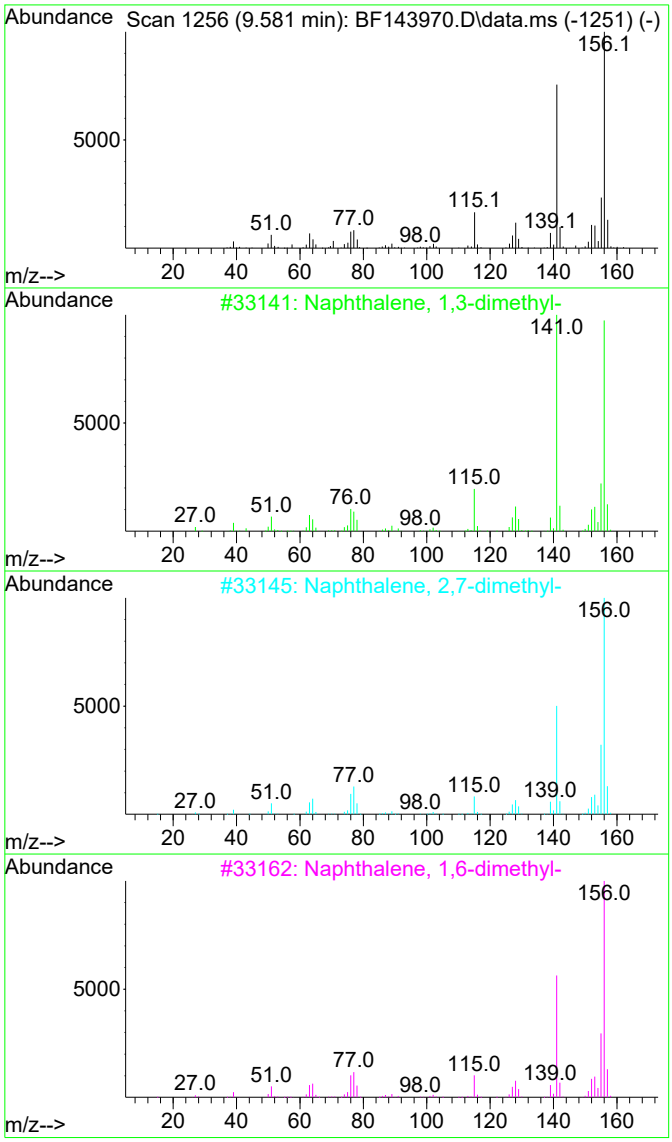
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

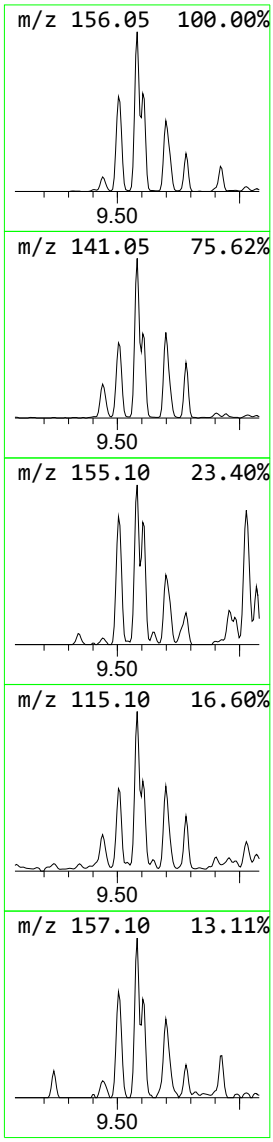
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.581	7.28 ng	468352	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

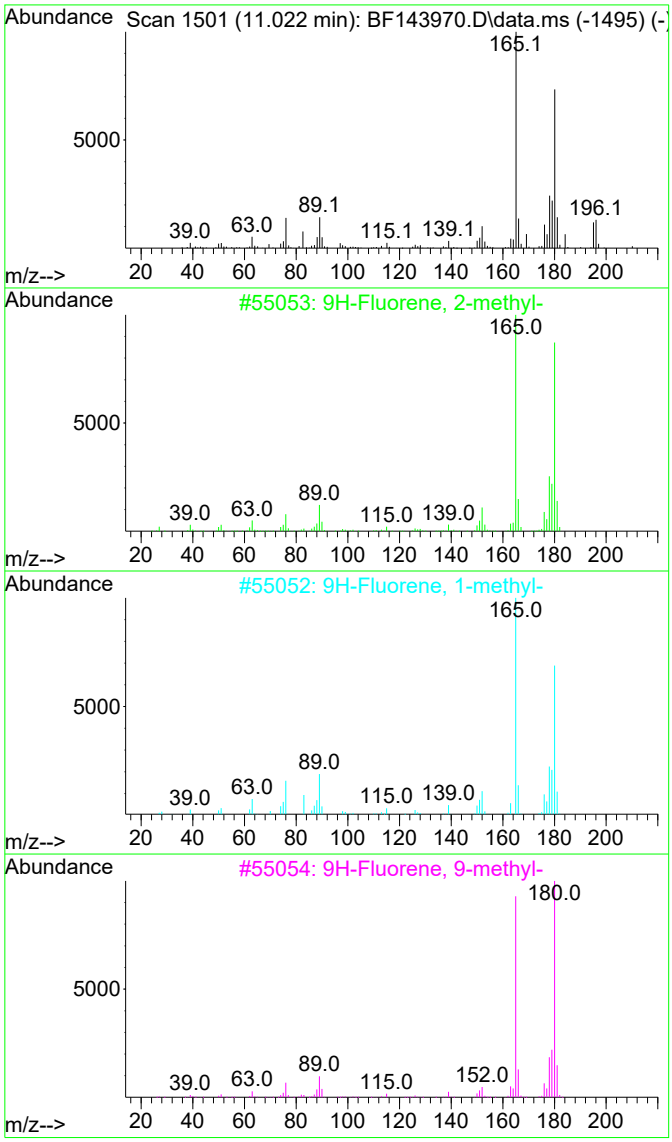
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

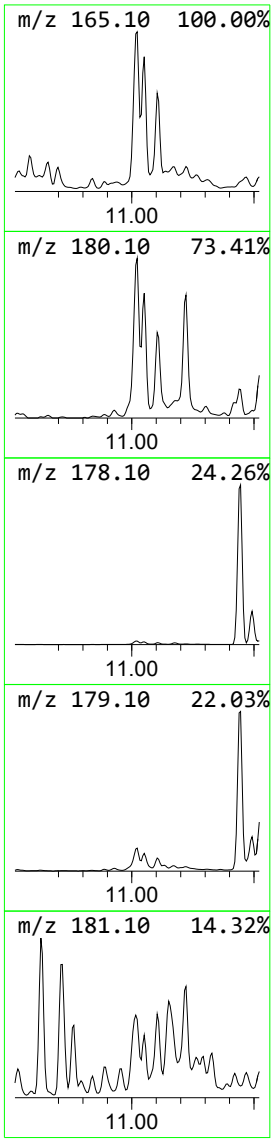
****

Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.022	5.45 ng	382007	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	95
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143970.D
Acq On : 15 Oct 2025 23:47
Operator : RC/JU
Sample : Q3343-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-ROLLOFF-WC-1

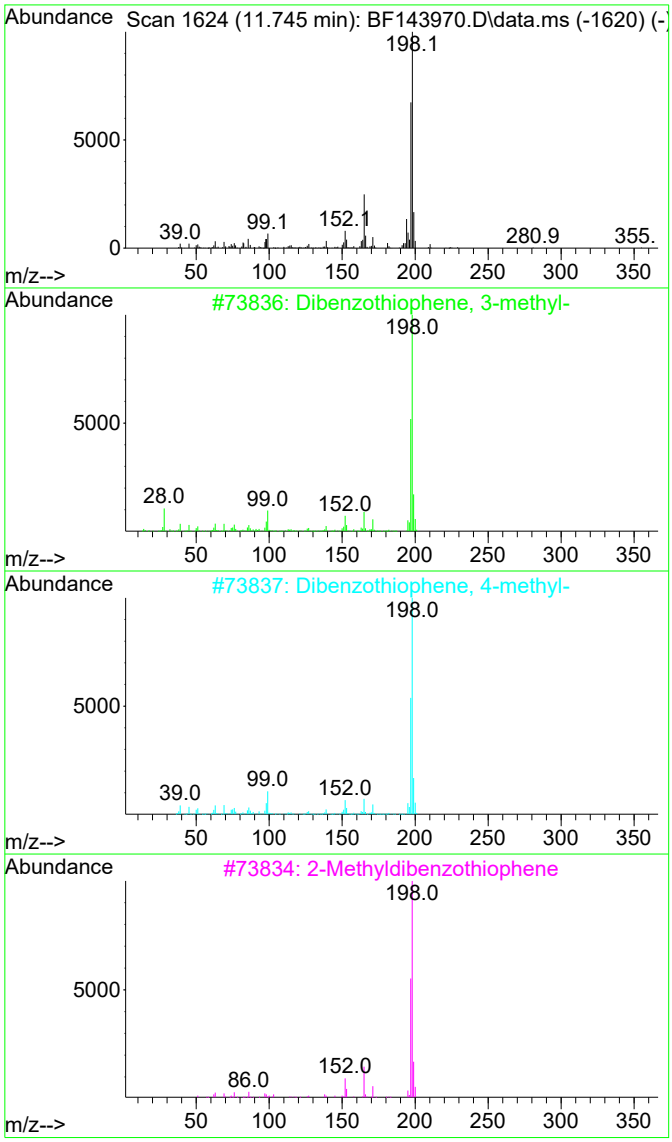
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

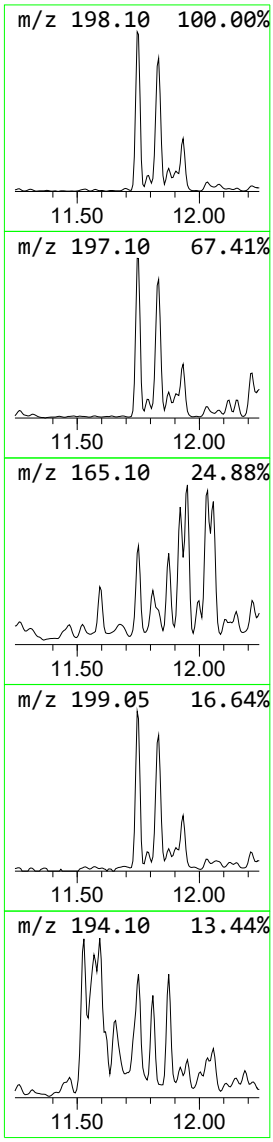
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dibenzothiophene, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.745	5.74 ng	402634	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	90
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	90
3	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	87
4	Thioxanthene	198	C13H10S	000261-31-4	83
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	76





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Acq On : 15 Oct 2025 23:47
Operator : RC/JU
Sample : Q3343-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-ROLLOFF-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

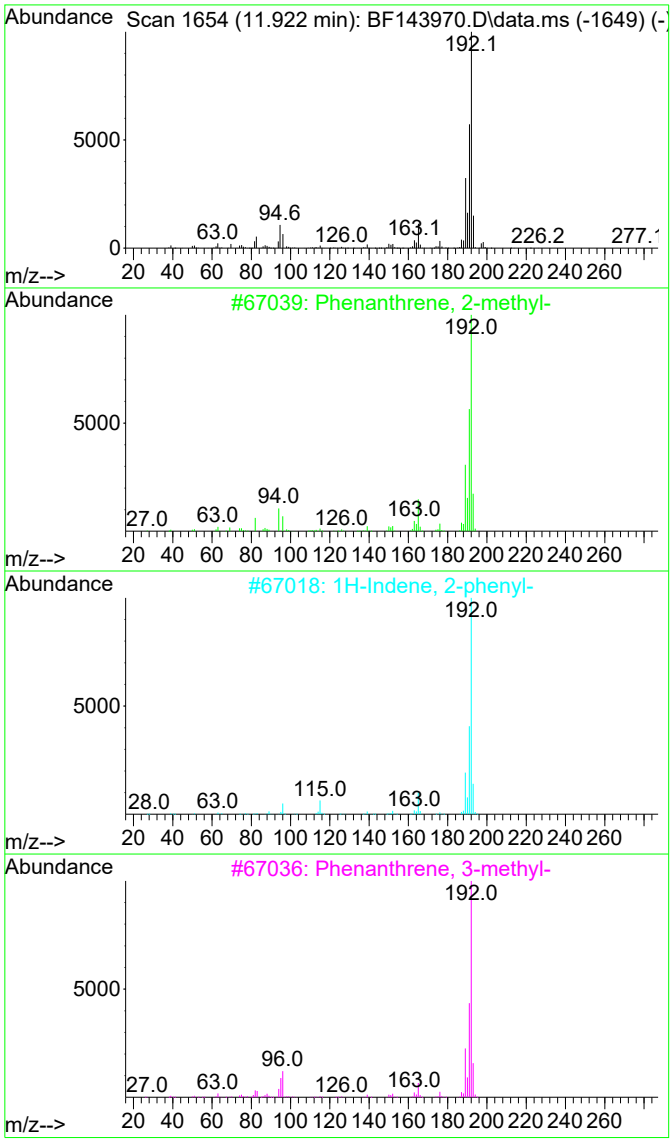
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

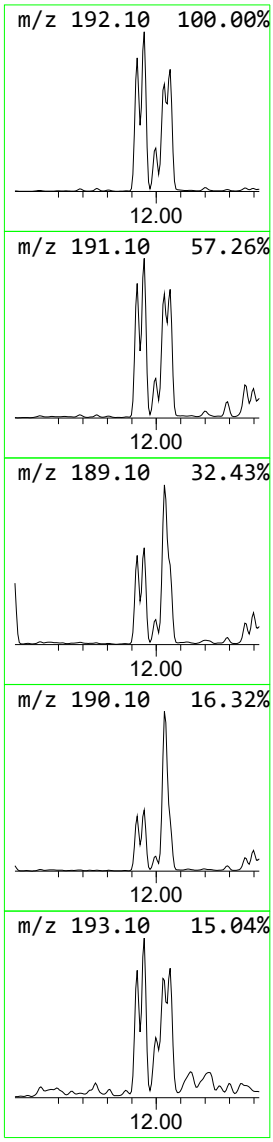
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	15.20 ng	1066250	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Sample : Q3343-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-ROLLOFF-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

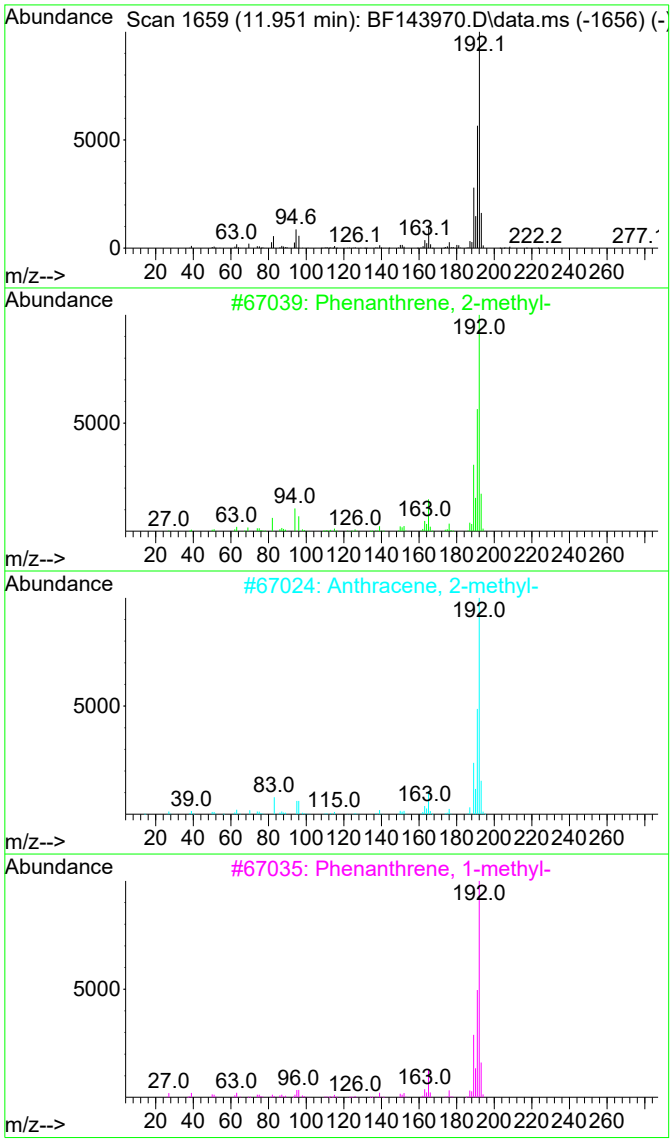
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

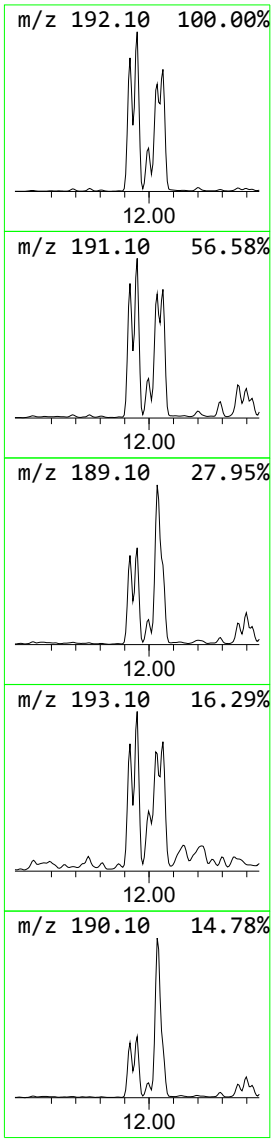
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	16.39 ng	1149960	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





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Sample : Q3343-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-ROLLOFF-WC-1

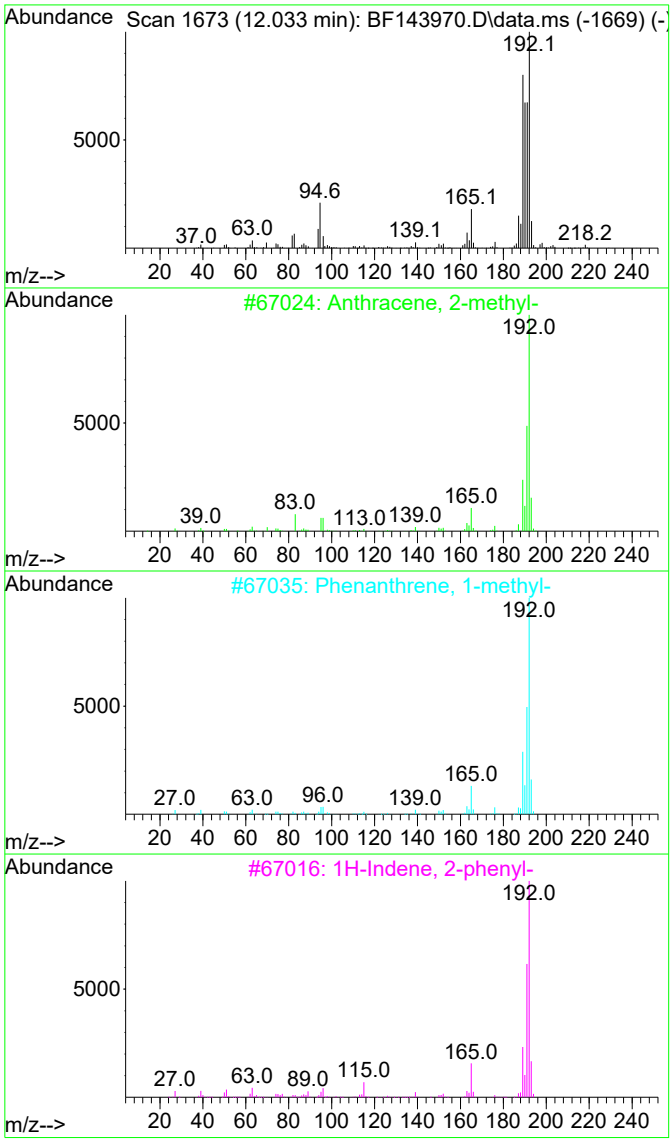
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

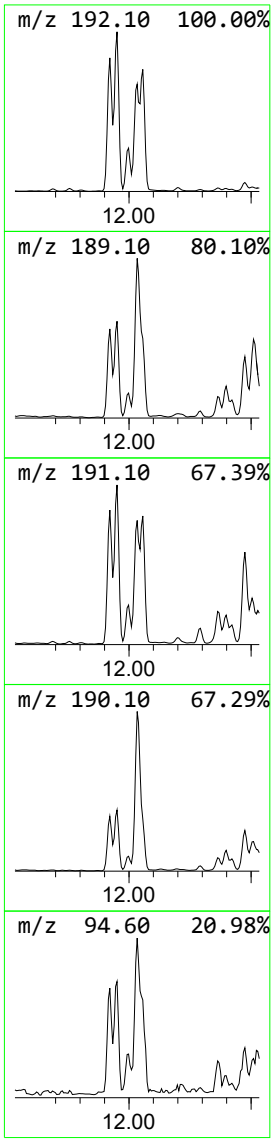
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	16.68 ng	1170210	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46





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Operator : RC/JU
Sample : Q3343-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-ROLLOFF-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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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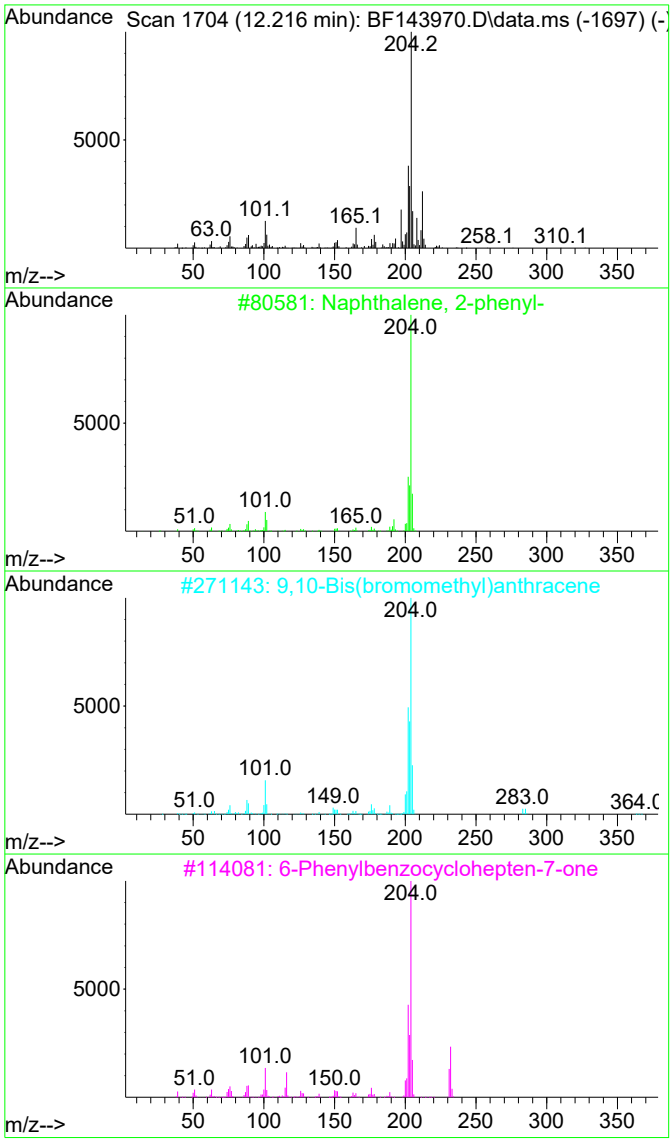
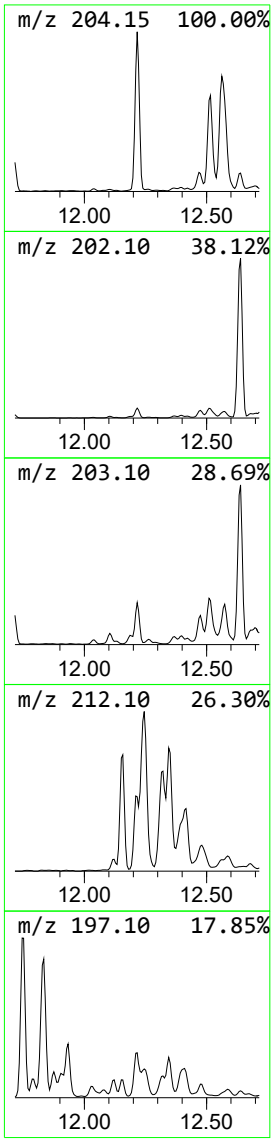
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.216	8.23 ng	577092	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	87
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	64
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	58
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	55





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Sample : Q3343-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-ROLLOFF-WC-1

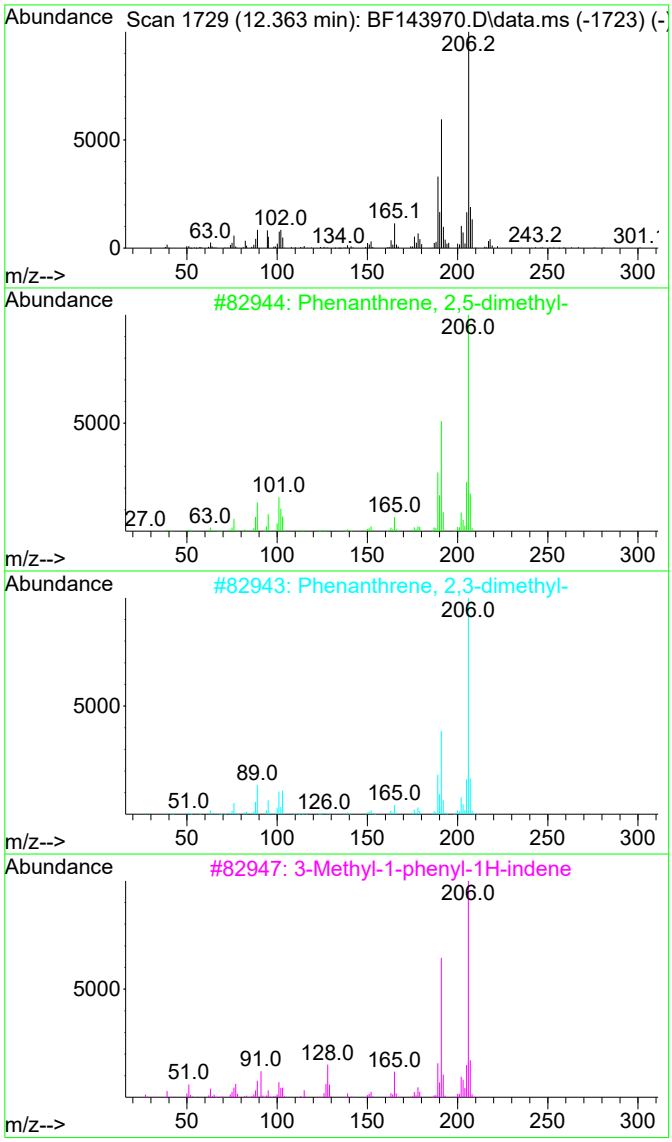
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

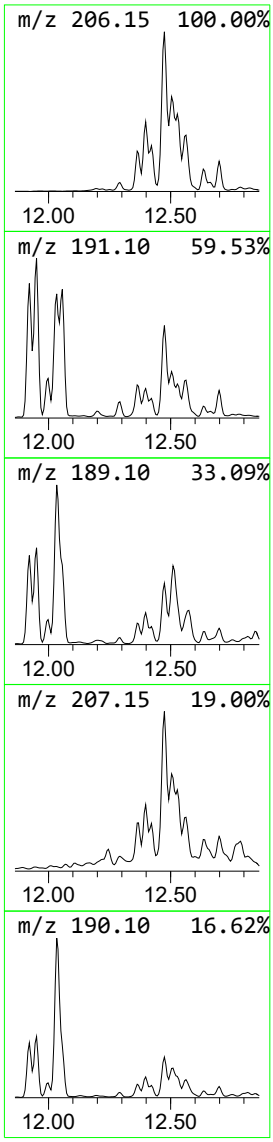
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	5.57 ng	390893	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	91
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91





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Sample : Q3343-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-ROLLOFF-WC-1

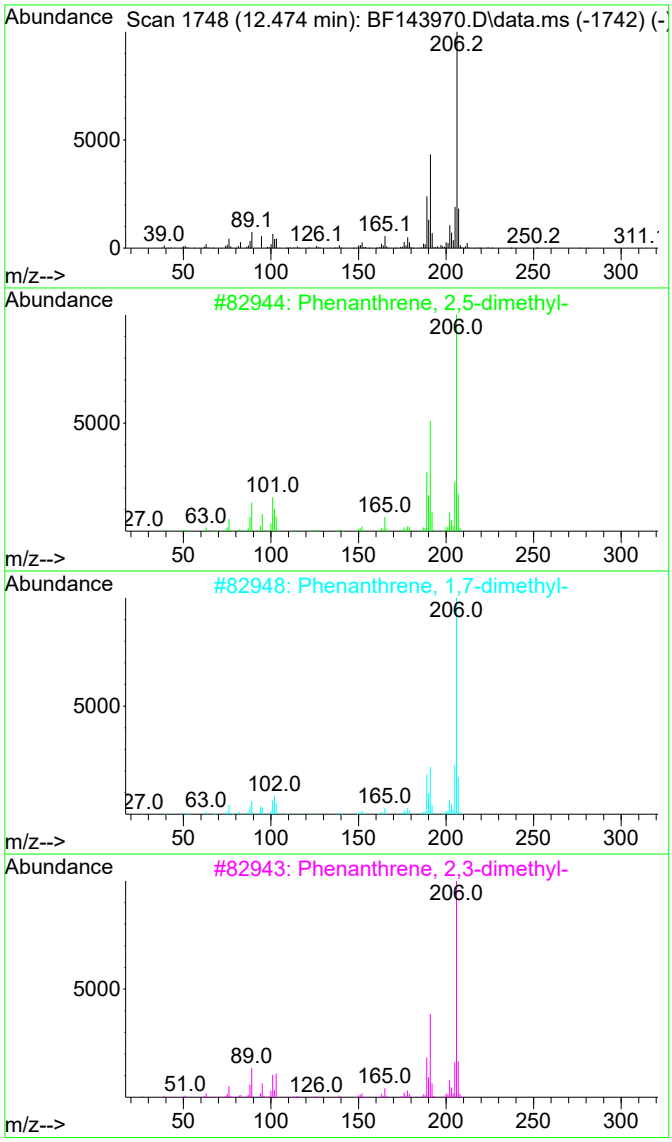
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

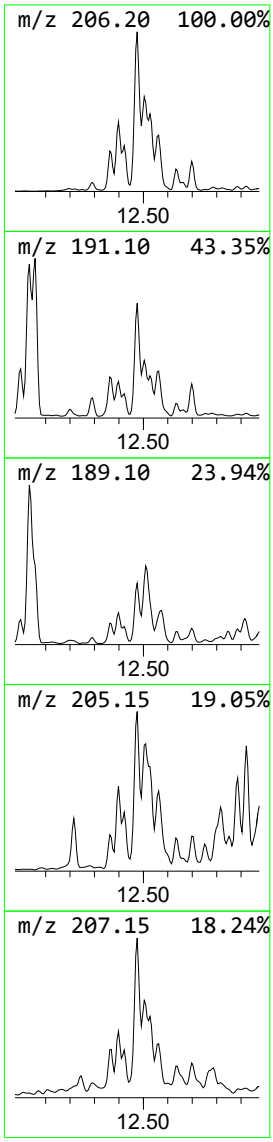
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.475	17.33 ng	1215470	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	92
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





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Operator : RC/JU
Sample : Q3343-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-ROLLOFF-WC-1

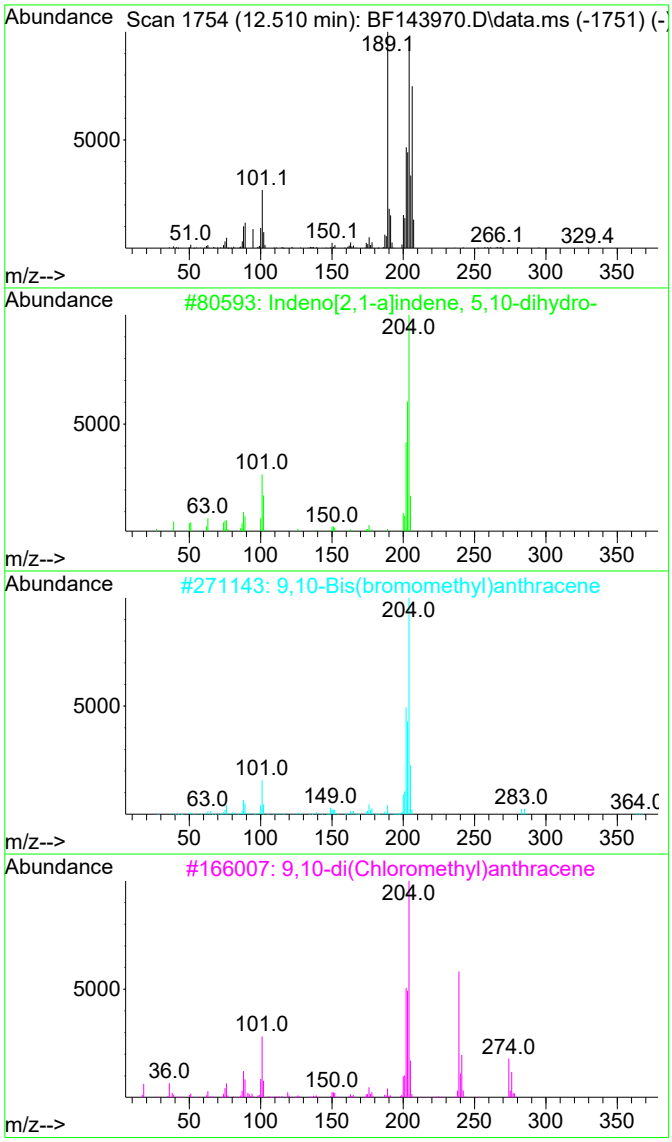
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

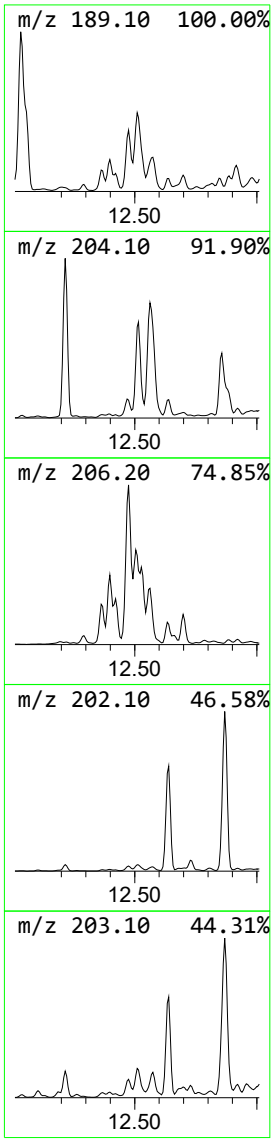
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Indeno[2,1-a]indene, 5,10-d... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	15.47 ng	1085290	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	56
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	43
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38





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Sample : Q3343-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-ROLLOFF-WC-1

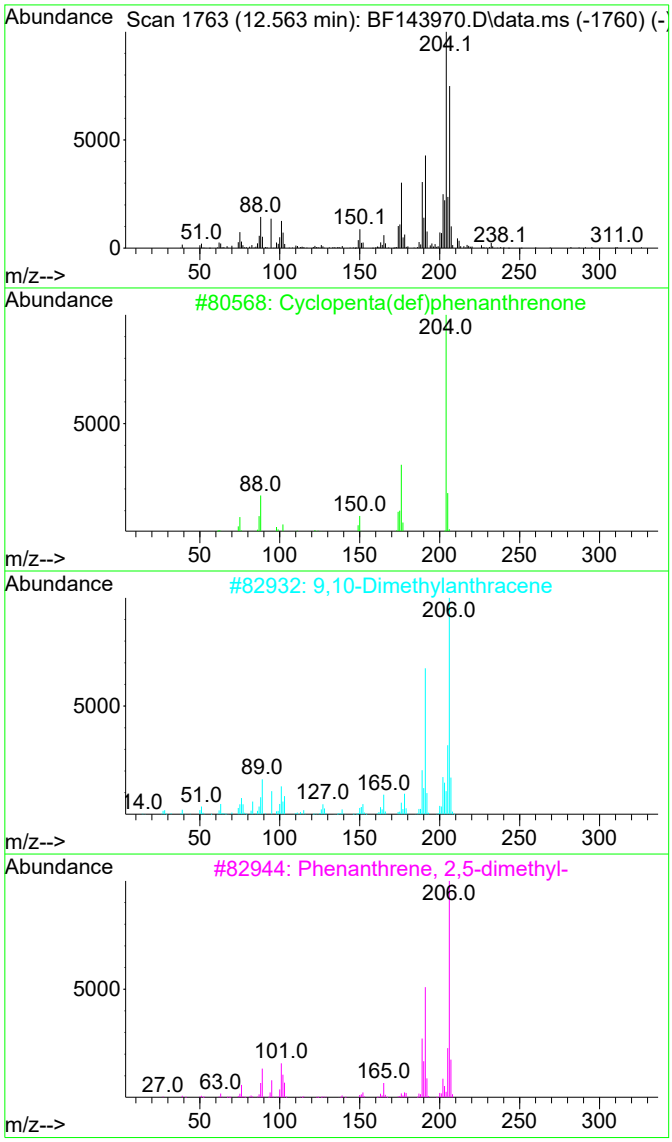
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

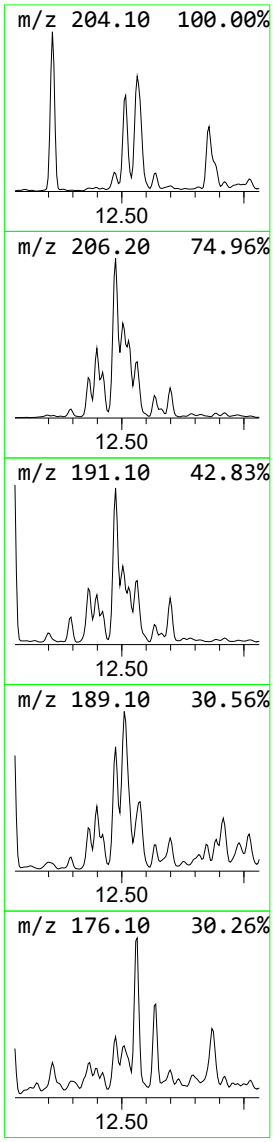
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	9.58 ng	671715	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	70
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	50
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	45
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	45





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Sample : Q3343-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-ROLLOFF-WC-1

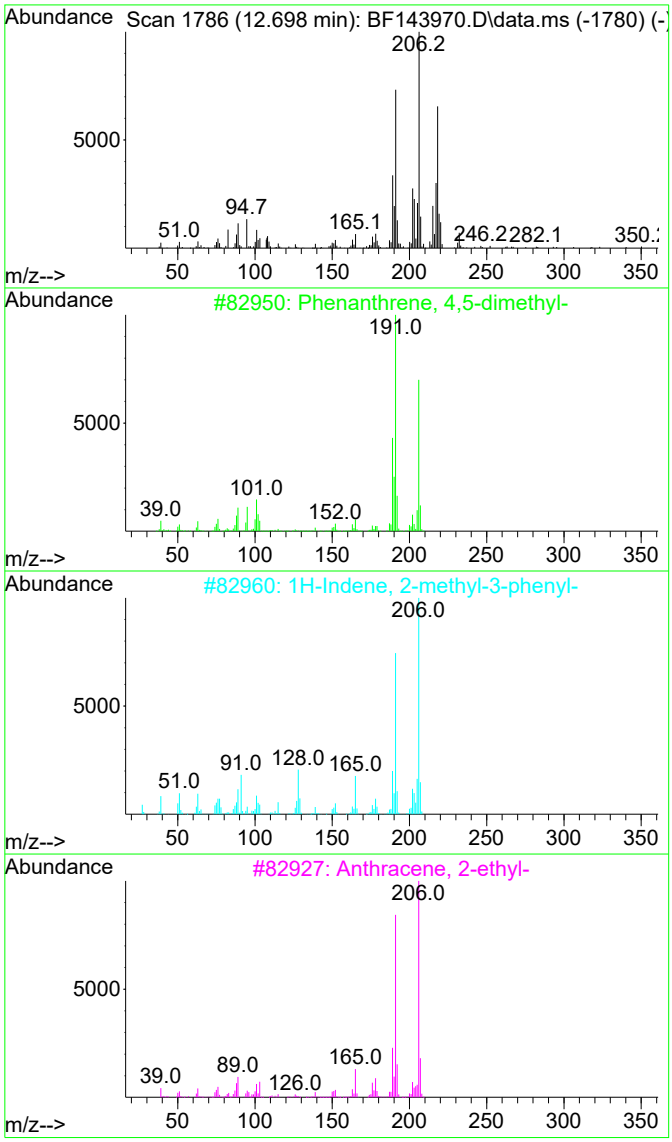
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

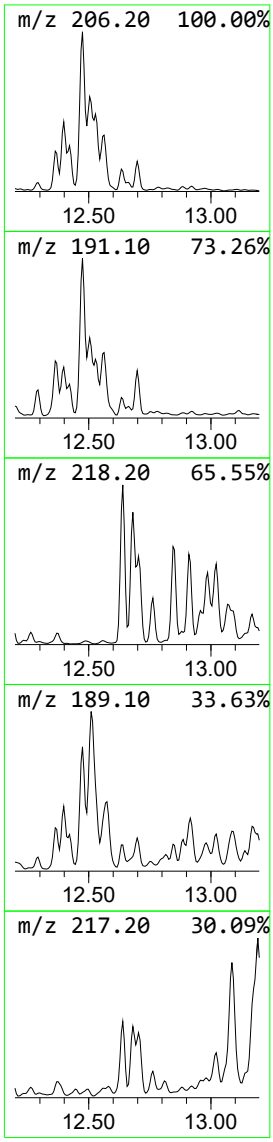
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 4,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.698	5.71 ng	400509	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
2	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	78
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	70
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	53
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	53





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Sample : Q3343-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-ROLLOFF-WC-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

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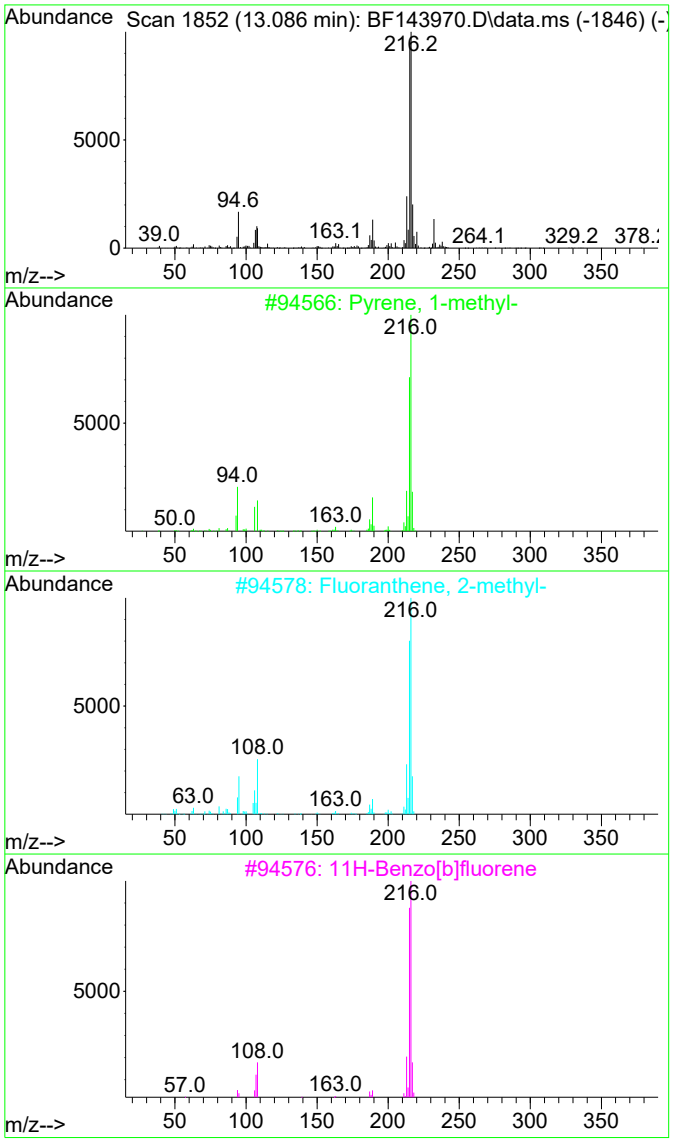
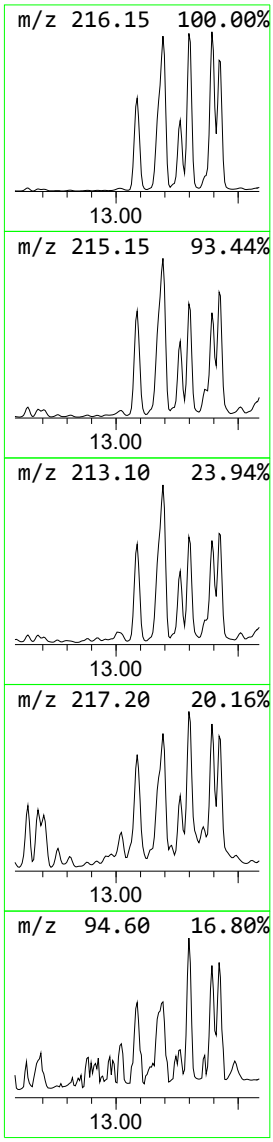
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	7.65 ng	961268	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-ROLLOFF-WC-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

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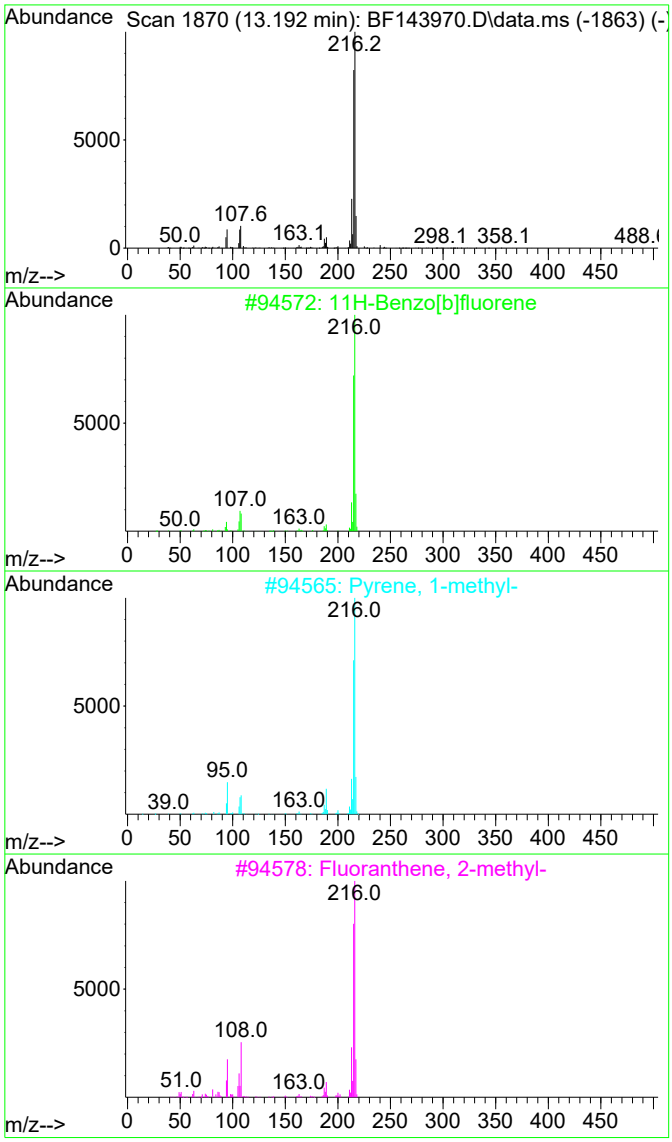
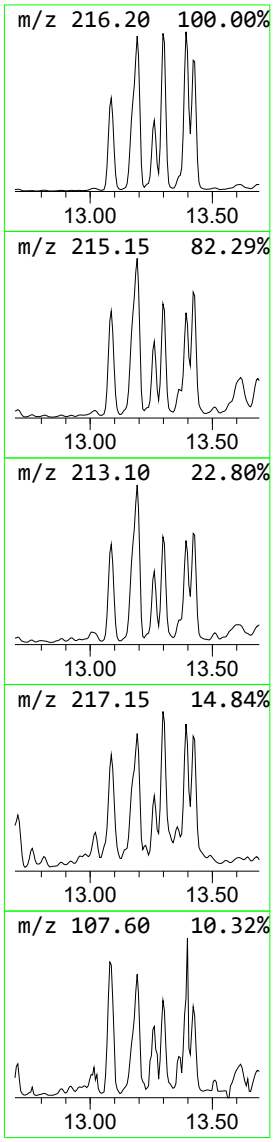
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	9.78 ng	1228950	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143970.D
Acq On : 15 Oct 2025 23:47
Operator : RC/JU
Sample : Q3343-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-ROLLOFF-WC-1

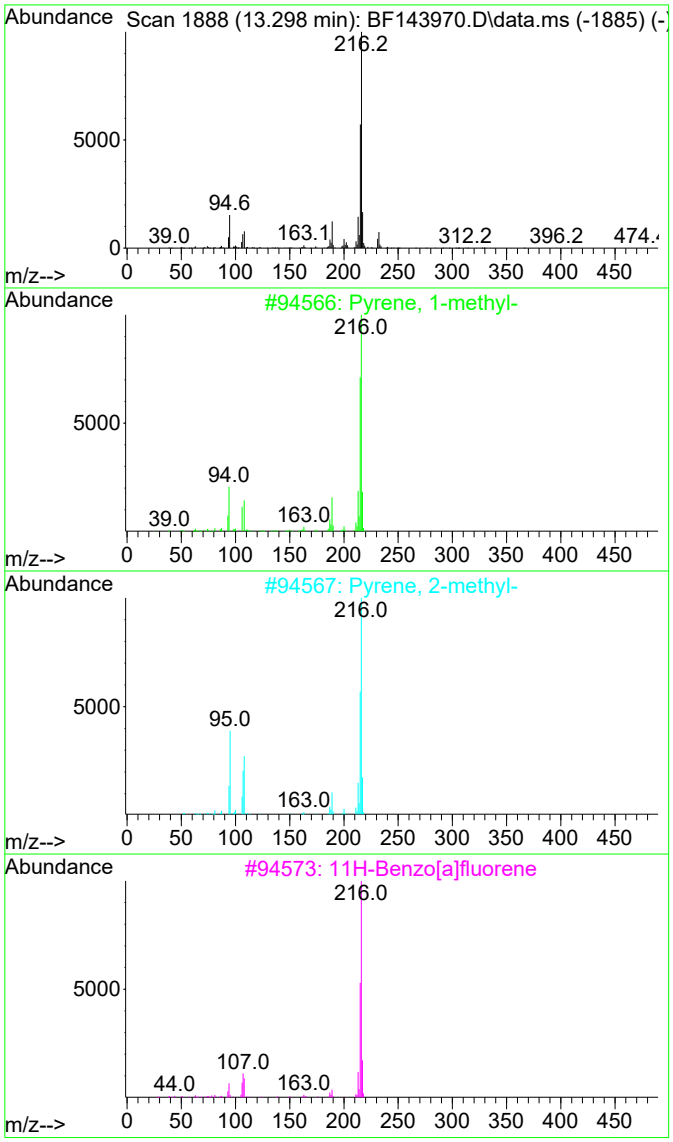
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

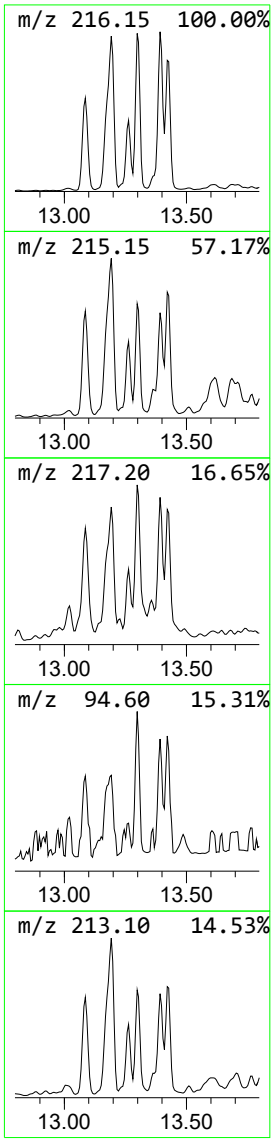
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.298	7.55 ng	949408	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83





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Data File : BF143970.D
Acq On : 15 Oct 2025 23:47
Operator : RC/JU
Sample : Q3343-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-ROLLOFF-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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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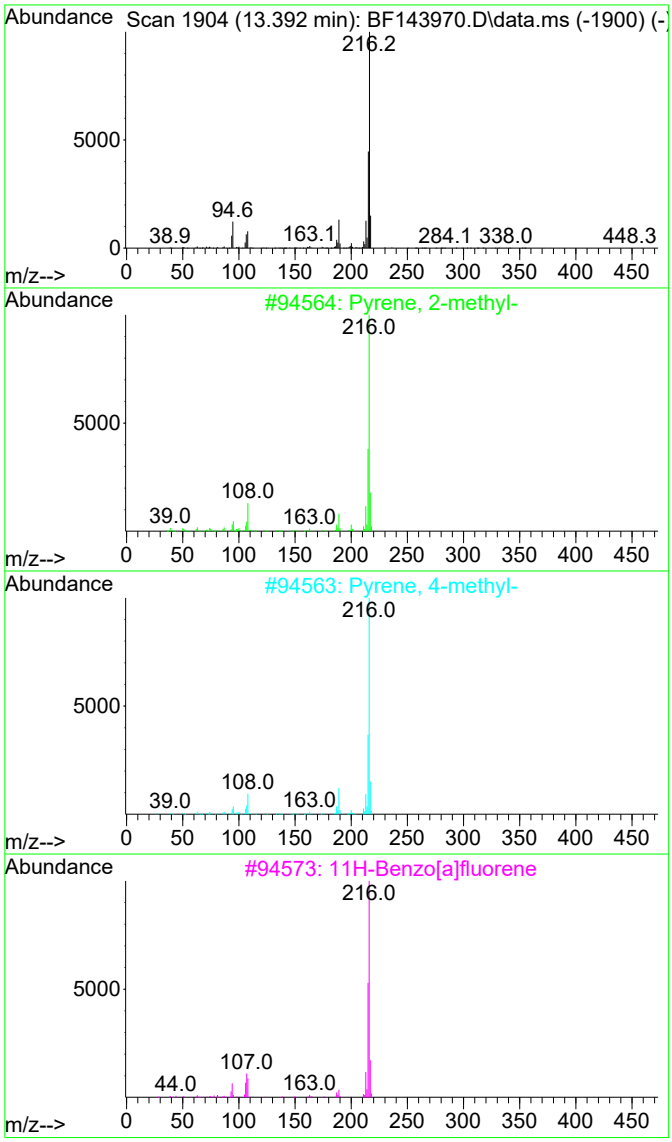
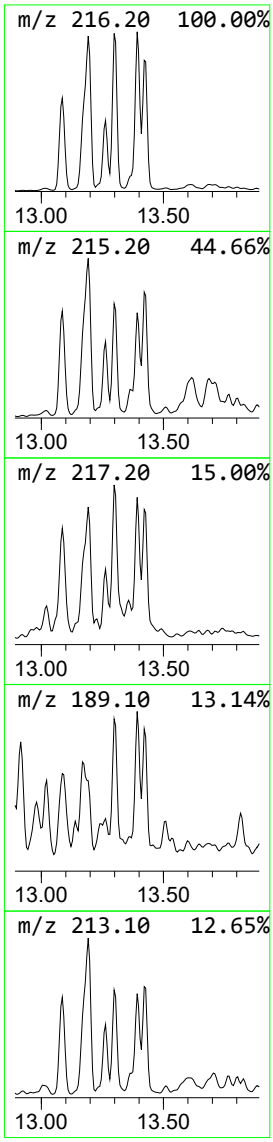
Peak Number 18 Pyrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.392	5.97 ng	749766	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	1,3-Dihydro-5,6-dimethyl-1-(2-pr...	216	C12H12N2S	080276-22-8	64





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Data File : BF143970.D
Acq On : 15 Oct 2025 23:47
Operator : RC/JU
Sample : Q3343-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-ROLLOFF-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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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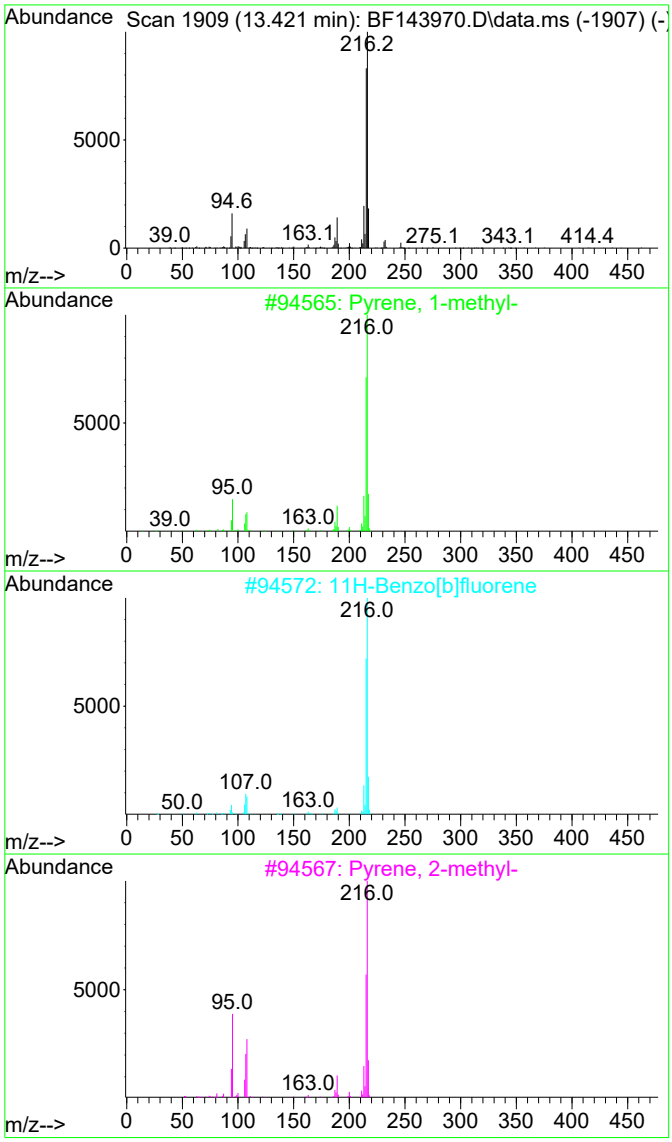
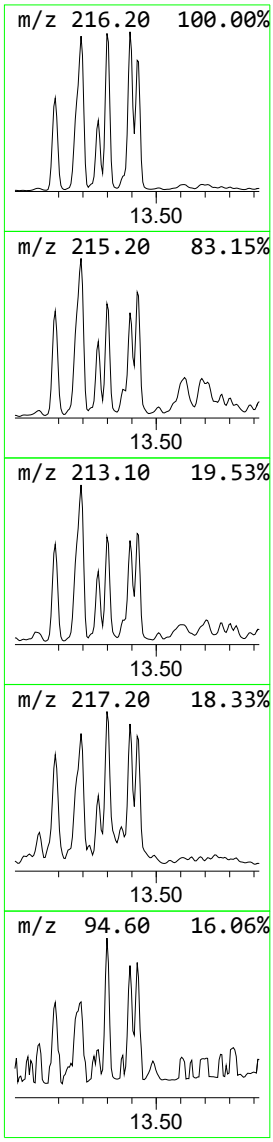
Peak Number 19 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.422	5.04 ng	633014	Chrysene-d12	14.069

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	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143970.D
Acq On : 15 Oct 2025 23:47
Operator : RC/JU
Sample : Q3343-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-ROLLOFF-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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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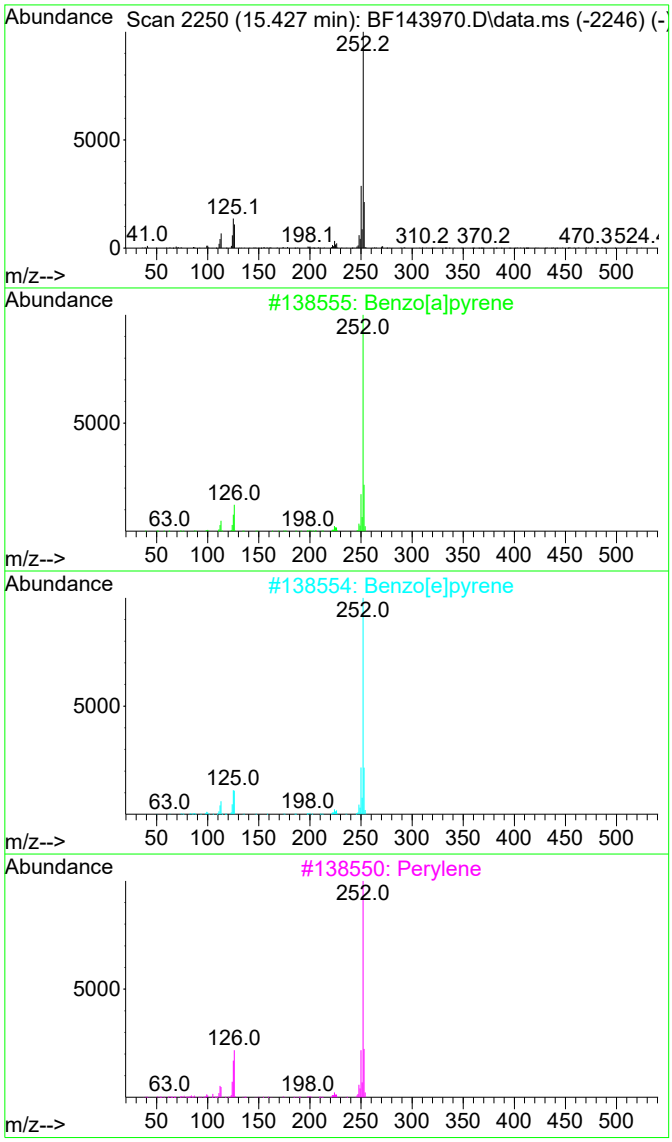
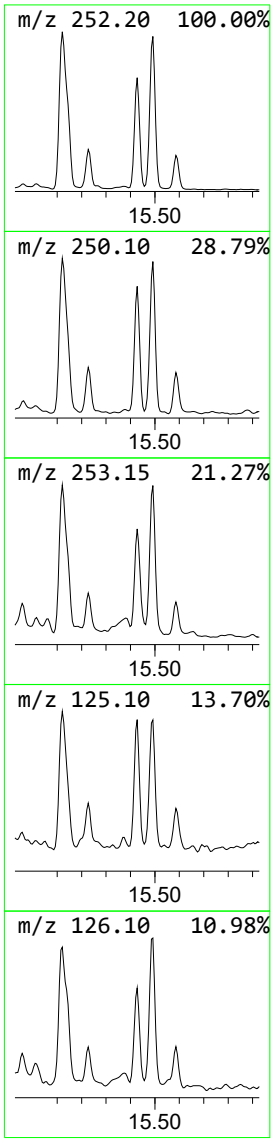
Peak Number 20 Benzo[a]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	5.93 ng	326162	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143970.D
Acq On : 15 Oct 2025 23:47
Operator : RC/JU
Sample : Q3343-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-ROLLOFF-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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
Toluene	3.951	5.2	ng	274266	1	6.881	1057170	20.0
Naphthalene, 2,...	9.504	4.8	ng	309057	3	9.922	1286470	20.0
Naphthalene, 1,...	9.581	7.3	ng	468352	3	9.922	1286470	20.0
9H-Fluorene, 2-...	11.022	5.4	ng	382007	4	11.416	1402890	20.0
Dibenzothiophen...	11.745	5.7	ng	402634	4	11.416	1402890	20.0
Phenanthrene, 2...	11.922	15.2	ng	1066250	4	11.416	1402890	20.0
Phenanthrene, 2...	11.951	16.4	ng	1149960	4	11.416	1402890	20.0
Anthracene, 2-m...	12.033	16.7	ng	1170210	4	11.416	1402890	20.0
Naphthalene, 2-...	12.216	8.2	ng	577092	4	11.416	1402890	20.0
Phenanthrene, 2...	12.363	5.6	ng	390893	4	11.416	1402890	20.0
Phenanthrene, 2...	12.475	17.3	ng	1215470	4	11.416	1402890	20.0
Indeno[2,1-a]in...	12.510	15.5	ng	1085290	4	11.416	1402890	20.0
Cyclopenta(def)...	12.563	9.6	ng	671715	4	11.416	1402890	20.0
Phenanthrene, 4...	12.698	5.7	ng	400509	4	11.416	1402890	20.0
Pyrene, 1-methyl-	13.086	7.6	ng	961268	5	14.069	2513680	20.0
11H-Benzo[b]flu...	13.192	9.8	ng	1228950	5	14.069	2513680	20.0
Pyrene, 1-methyl-	13.298	7.6	ng	949408	5	14.069	2513680	20.0
Pyrene, 2-methyl-	13.392	6.0	ng	749766	5	14.069	2513680	20.0
Pyrene, 1-methyl-	13.422	5.0	ng	633014	5	14.069	2513680	20.0
Benzo[a]pyrene	15.427	5.9	ng	326162	6	15.557	1099540	20.0