LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137007.D
Acq On : 08 Jan 2024 21:37
Operator : CG\JU
Sample : P1056-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-311P-0-2

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137007.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.016	494	498	509	rVB	50441	57585	3.72%	0.279%
2	5.428	564	568	585	rBV	1099845	991254	64.01%	4.810%
3	6.434	735	739	755	rBV	1110166	981502	63.38%	4.762%
4	6.781	795	798	802	rBV	424979	328952	21.24%	1.596%
5	7.345	890	894	897	rBV	750720	619999	40.03%	3.008%
6	8.057	1012	1015	1018	rBV	488357	398464	25.73%	1.933%
7	9.134	1194	1198	1208	rBV	1244993	1053028	68.00%	5.109%
8	9.816	1307	1314	1317	rBV	486737	392974	25.38%	1.907%
9	9.845	1317	1319	1323	rVB	82977	71916	4.64%	0.349%
10	10.022	1344	1349	1352	rVV2	49025	48036	3.10%	0.233%
11	10.363	1403	1407	1413	rBV	95059	92444	5.97%	0.449%
12	10.481	1424	1427	1429	rVV2	22968	24446	1.58%	0.119%
13	10.522	1432	1434	1438	rVB	34102	33476	2.16%	0.162%
14	10.610	1446	1449	1455	rBV	589895	515713	33.30%	2.502%
15	10.733	1464	1470	1476	rVB4	21057	35778	2.31%	0.174%
16	10.916	1494	1501	1503	rBV2	46964	62129	4.01%	0.301%
17	10.945	1503	1506	1508	rVB2	32072	27340	1.77%	0.133%
18	10.998	1513	1515	1518	rVV2	27998	24607	1.59%	0.119%
19	11.045	1518	1523	1525	rVV3	27568	46605	3.01%	0.226%
20	11.063	1525	1526	1531	rVV	29692	35021	2.26%	0.170%
21	11.116	1532	1535	1539	rVV	35027	38605	2.49%	0.187%
22	11.163	1539	1543	1547	rVV3	45950	68878	4.45%	0.334%
23	11.204	1547	1550	1558	rVB	70959	68904	4.45%	0.334%
24	11.310	1564	1568	1570	rBV	404393	361665	23.35%	1.755%
25	11.333	1570	1572	1576	rVV	1132649	1014985	65.54%	4.925%
26	11.386	1578	1581	1584	rVV	286653	214348	13.84%	1.040%
27	11.422	1584	1587	1590	rVV3	20838	24765	1.60%	0.120%
28	11.545	1604	1608	1615	rBV3	48235	74834	4.83%	0.363%
29	11.604	1615	1618	1620	rVV2	43229	33095	2.14%	0.161%
30	11.639	1620	1624	1630	rVB5	28327	46168	2.98%	0.224%
31	11.722	1633	1638	1643	rVB2	20433	25929	1.67%	0.126%
32	11.810	1650	1653	1656	rVV	221046	220245	14.22%	1.069%
33	11.845	1656	1659	1663	rVV	373499	352421	22.76%	1.710%
34	11.892	1663	1667	1669	rVV	93135	92507	5.97%	0.449%
35	11.928	1669	1673	1675	rVV	298694	326486	21.08%	1.584%
36	11.951	1675	1677	1682	rVB	164347	138750	8.96%	0.673%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137007.D
Acq On : 08 Jan 2024 21:37
Operator : CG\JU
Sample : P1056-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-311P-0-2

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.110	1696	1704	1707	rBV	150530	151178	9.76%	0.734%
38	12.145	1707	1710	1714	rVB	73446	69905	4.51%	0.339%
39	12.186	1714	1717	1719	rBV	31108	27890	1.80%	0.135%
40	12.257	1724	1729	1733	rBV	69462	90357	5.83%	0.438%
41	12.292	1733	1735	1737	rVB	54461	37974	2.45%	0.184%
42	12.316	1737	1739	1743	rVB	40784	31811	2.05%	0.154%
43	12.369	1744	1748	1750	rBV	136041	143683	9.28%	0.697%
44	12.404	1750	1754	1756	rVV2	77138	88154	5.69%	0.428%
45	12.422	1756	1757	1760	rVB	40498	27863	1.80%	0.135%
46	12.457	1760	1763	1767	rBV3	81468	100482	6.49%	0.488%
47	12.533	1771	1776	1779	rBV	1584984	1363433	88.04%	6.615%
48	12.598	1785	1787	1790	rVB2	46731	39914	2.58%	0.194%
49	12.627	1790	1792	1795	rBV	27955	28965	1.87%	0.141%
50	12.680	1797	1801	1804	rVB2	50504	54266	3.50%	0.263%
51	12.710	1804	1806	1809	rVB2	25787	23895	1.54%	0.116%
52	12.763	1809	1815	1820	rBV	1324482	1548649	100.00%	7.514%
53	12.810	1820	1823	1828	rVB3	71399	89729	5.79%	0.435%
54	12.880	1831	1835	1836	rBV2	67477	65234	4.21%	0.317%
55	12.904	1836	1839	1842	rVV	866349	669402	43.22%	3.248%
56	12.980	1847	1852	1856	rBV2	108797	169308	10.93%	0.821%
57	13.069	1863	1867	1868	rBV2	82711	92479	5.97%	0.449%
58	13.092	1868	1871	1874	rVB	216879	210335	13.58%	1.021%
59	13.133	1874	1878	1879	rBV4	23729	29491	1.90%	0.143%
60	13.157	1879	1882	1885	rVV	150305	127362	8.22%	0.618%
61	13.198	1885	1889	1891	rVV2	158171	173353	11.19%	0.841%
62	13.222	1891	1893	1896	rVV	49529	52009	3.36%	0.252%
63	13.251	1896	1898	1901	rVB	32276	23830	1.54%	0.116%
64	13.286	1901	1904	1907	rBV	100225	89658	5.79%	0.435%
65	13.322	1907	1910	1913	rBV	113134	108741	7.02%	0.528%
66	13.410	1922	1925	1928	rVB5	32348	36925	2.38%	0.179%
67	13.480	1933	1937	1938	rBV4	24471	34899	2.25%	0.169%
68	13.516	1941	1943	1946	rVB	34934	33373	2.15%	0.162%
69	13.580	1951	1954	1956	rBV2	37735	47661	3.08%	0.231%
70	13.604	1956	1958	1963	rVV	89655	98964	6.39%	0.480%
71	13.716	1972	1977	1979	rBV	120707	129911	8.39%	0.630%
72	13.739	1979	1981	1984	rVV	133089	123385	7.97%	0.599%
73	13.769	1984	1986	1992	rVV3	93693	139965	9.04%	0.679%
74	13.816	1992	1994	1998	rVB	102280	94230	6.08%	0.457%
75	13.886	2001	2006	2012	rBV3	55172	113034	7.30%	0.548%
76	13.963	2012	2019	2023	rBV2	774603	1231694	79.53%	5.976%

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Operator : CG\JU
Sample : P1056-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-311P-0-2

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.998	2023	2025	2032	rVB	698119	578735	37.37%	2.808%
78	14.074	2036	2038	2041	rVV	114964	82411	5.32%	0.400%
79	14.121	2044	2046	2052	rBV5	29398	63401	4.09%	0.308%
80	14.204	2058	2060	2062	rVB	36495	24818	1.60%	0.120%
81	14.286	2072	2074	2077	rBV2	25955	25952	1.68%	0.126%
82	14.321	2077	2080	2082	rVV	53319	54153	3.50%	0.263%
83	14.357	2083	2086	2089	rVV	159525	170006	10.98%	0.825%
84	14.392	2089	2092	2095	rVV	91320	87734	5.67%	0.426%
85	14.439	2096	2100	2101	rVV3	65933	85152	5.50%	0.413%
86	14.480	2105	2107	2109	rVV2	73500	78565	5.07%	0.381%
87	14.504	2109	2111	2114	rVV2	81430	76830	4.96%	0.373%
88	14.557	2118	2120	2125	rVB	48650	49331	3.19%	0.239%
89	14.680	2138	2141	2142	rBV2	38101	38511	2.49%	0.187%
90	14.857	2168	2171	2174	rBV2	38465	53014	3.42%	0.257%
91	14.892	2174	2177	2180	rVV	60140	57877	3.74%	0.281%
92	15.021	2194	2199	2202	rBV	398758	609482	39.36%	2.957%
93	15.127	2214	2217	2221	rBV	69460	81214	5.24%	0.394%
94	15.327	2247	2251	2258	rVB	227914	311947	20.14%	1.514%
95	15.392	2258	2262	2268	rVV	344958	422722	27.30%	2.051%
96	15.457	2269	2273	2276	rVV	233773	300119	19.38%	1.456%
97	15.486	2276	2278	2285	rVB2	100847	137665	8.89%	0.668%
98	16.974	2525	2531	2538	rVB2	121204	241871	15.62%	1.174%
99	17.151	2559	2561	2567	rVB	19511	24001	1.55%	0.116%
100	17.433	2604	2609	2618	rVB	91956	197070	12.73%	0.956%

Sum of corrected areas: 20609826

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137007.D
Acq On : 08 Jan 2024 21:37
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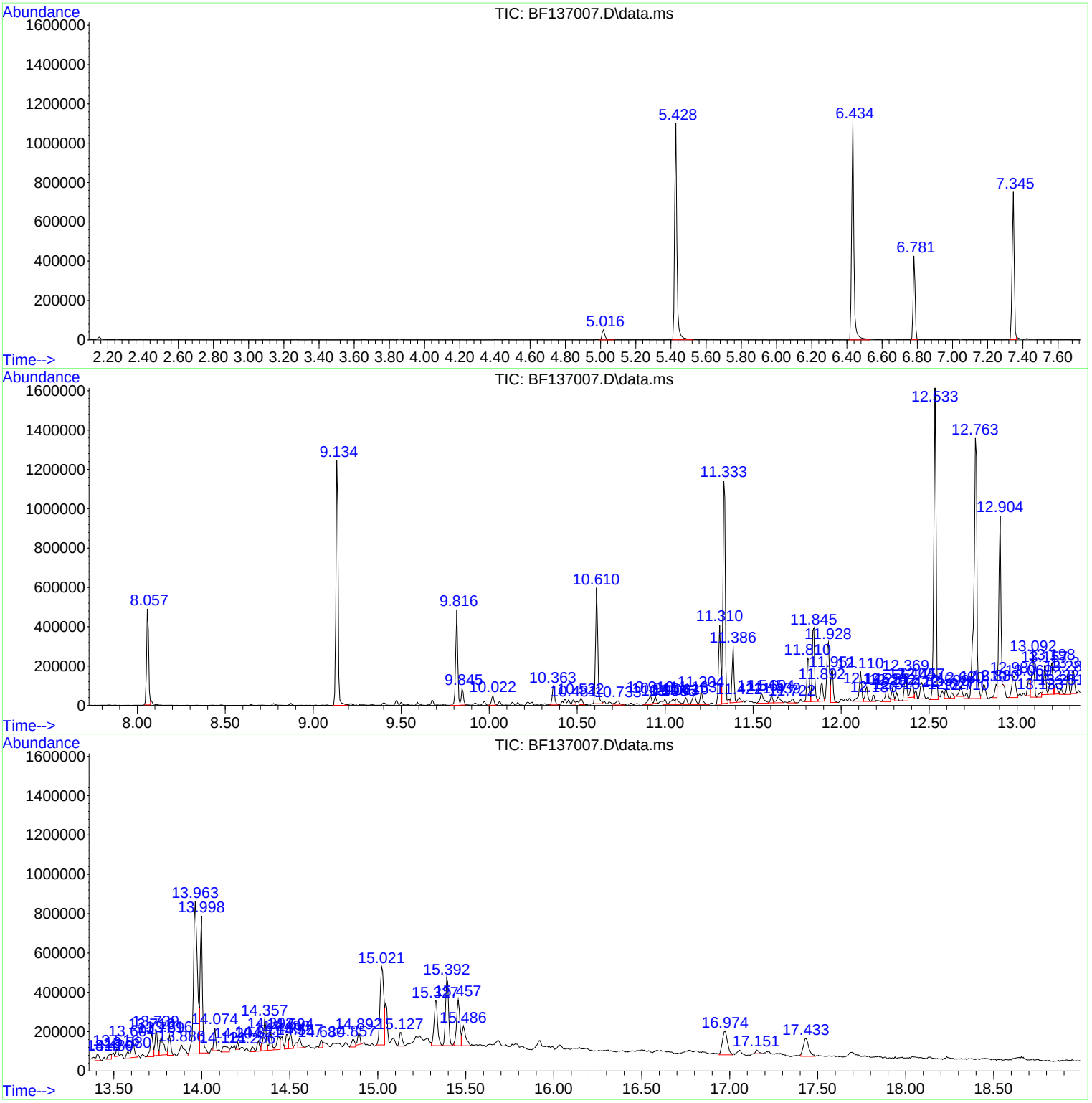
Sample : P1056-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-311P-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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\BF010824\
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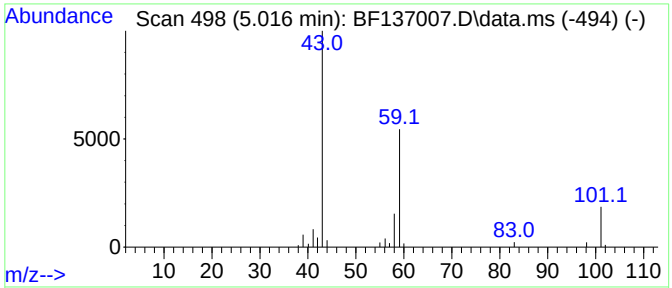
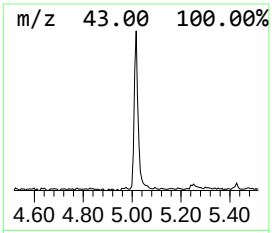
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

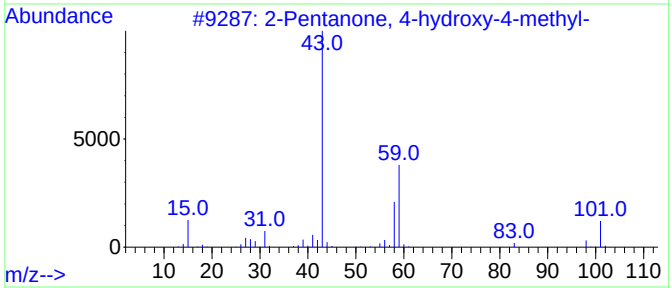
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

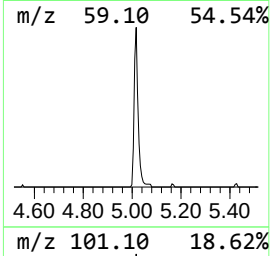
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.016	3.50 ng	57585	1,4-Dichlorobenzene-d4	6.781

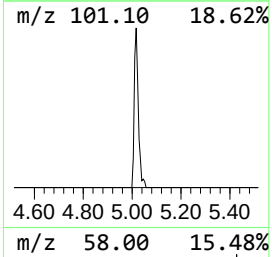
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9

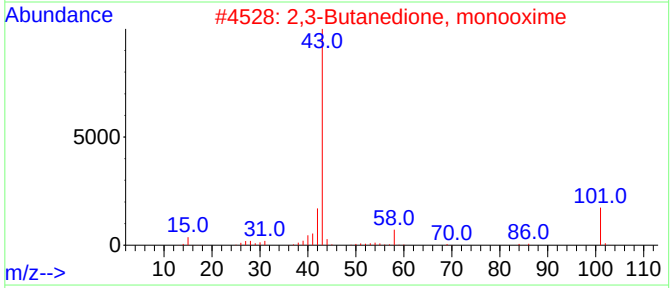


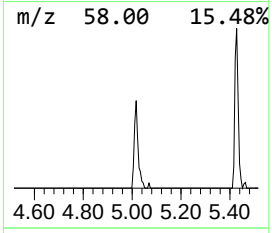


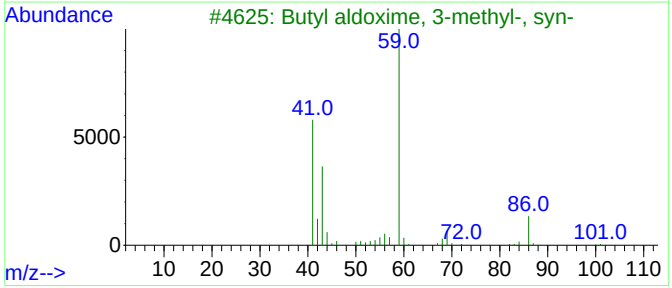


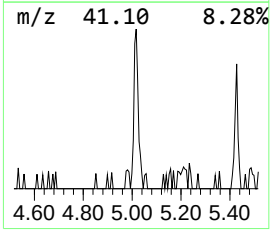












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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

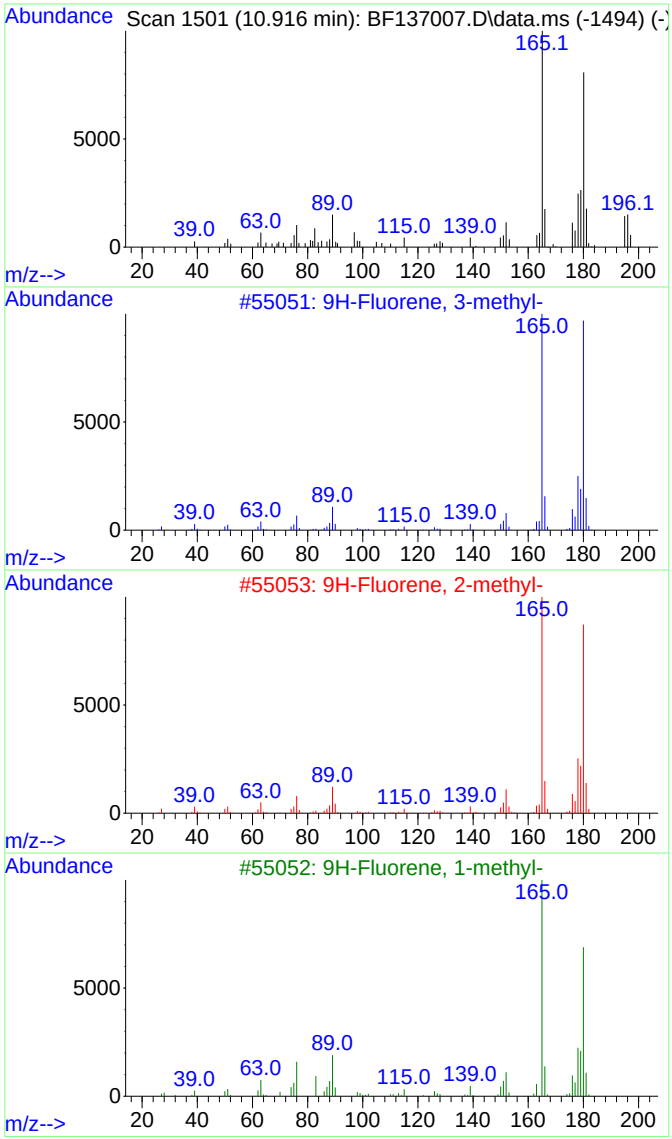
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

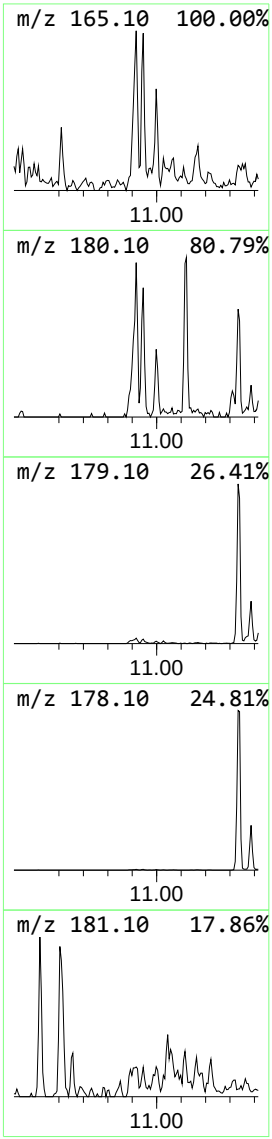
****

Peak Number 2 9H-Fluorene, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.916	3.44 ng	62129	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	90
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89





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ClientSampleId :
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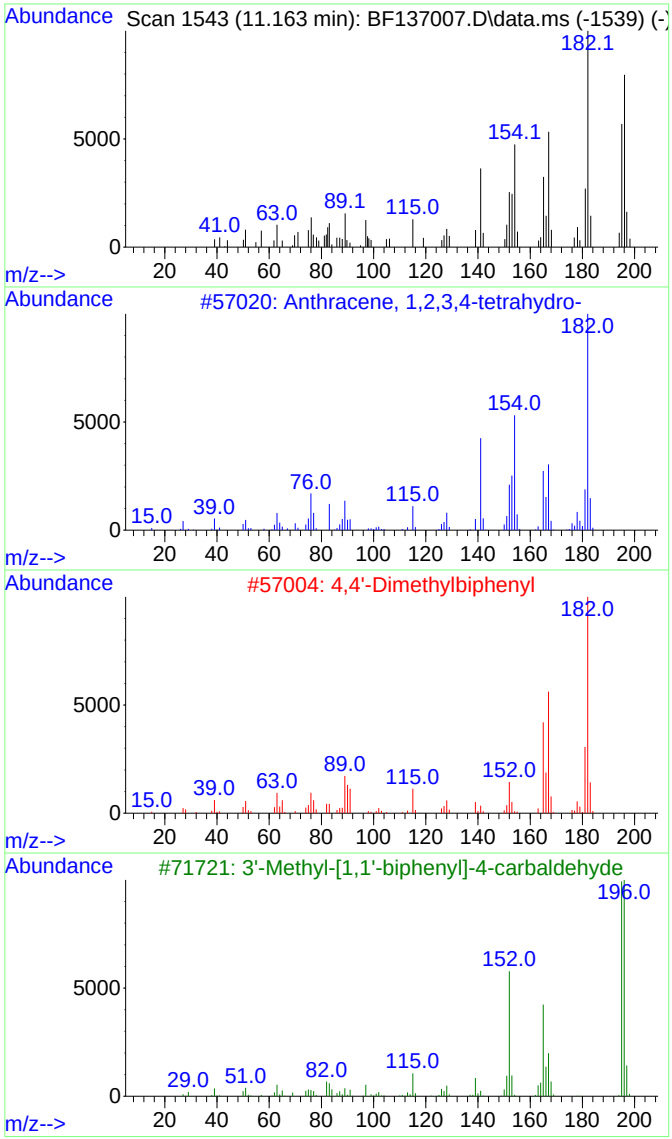
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

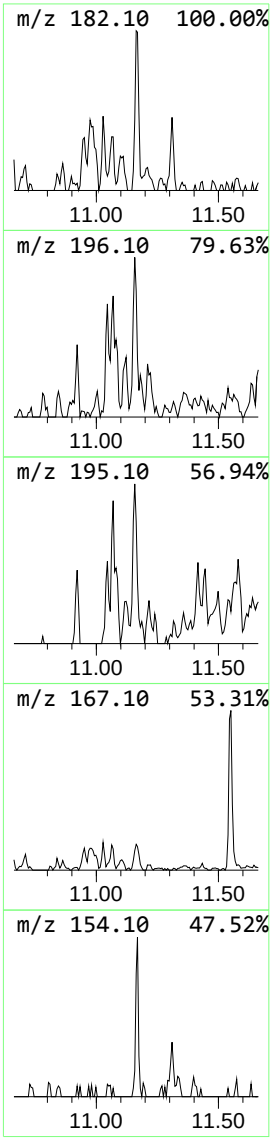
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.163	3.81 ng	68878	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	78
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	62
3	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	55
4	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	50
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137007.D
Acq On : 08 Jan 2024 21:37
Operator : CG\JU
Sample : P1056-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-311P-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

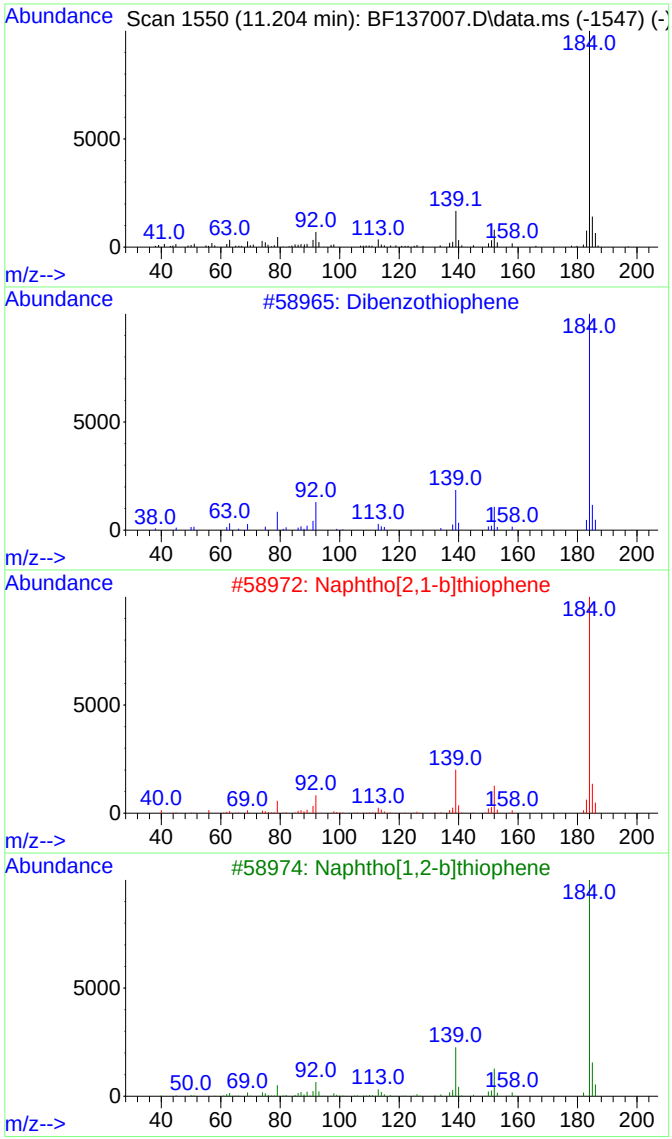
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

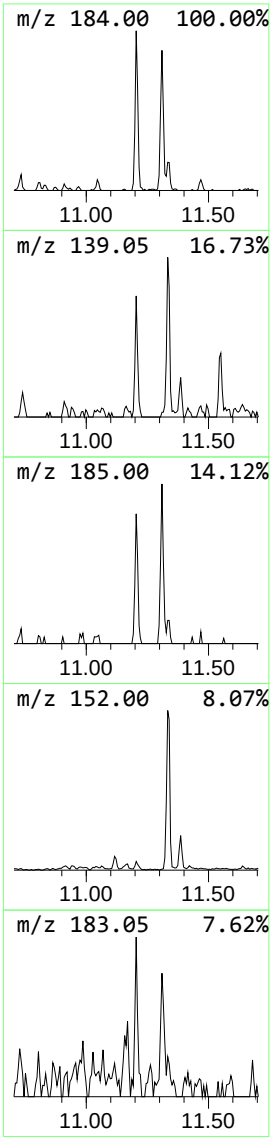
****

Peak Number 4 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	3.81 ng	68904	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





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Acq On : 08 Jan 2024 21:37
Operator : CG\JU
Sample : P1056-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MR-311P-0-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

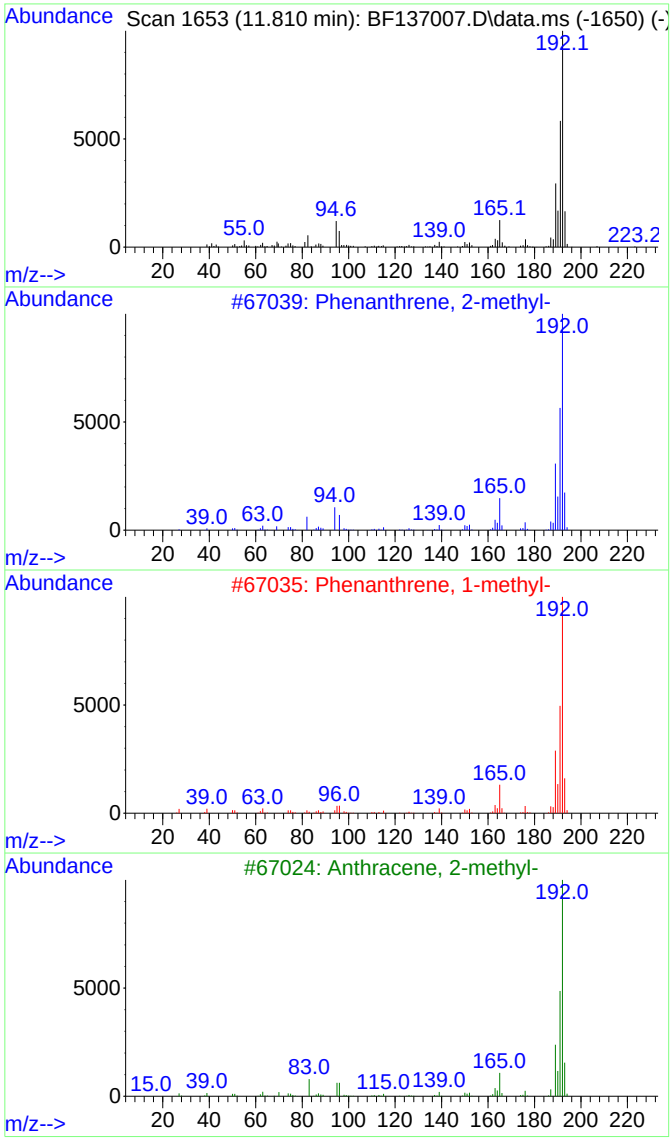
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

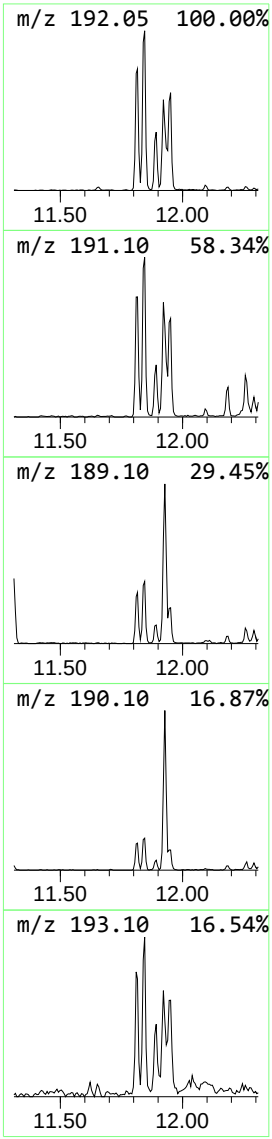
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	12.18 ng	220245	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Sample : P1056-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MR-311P-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

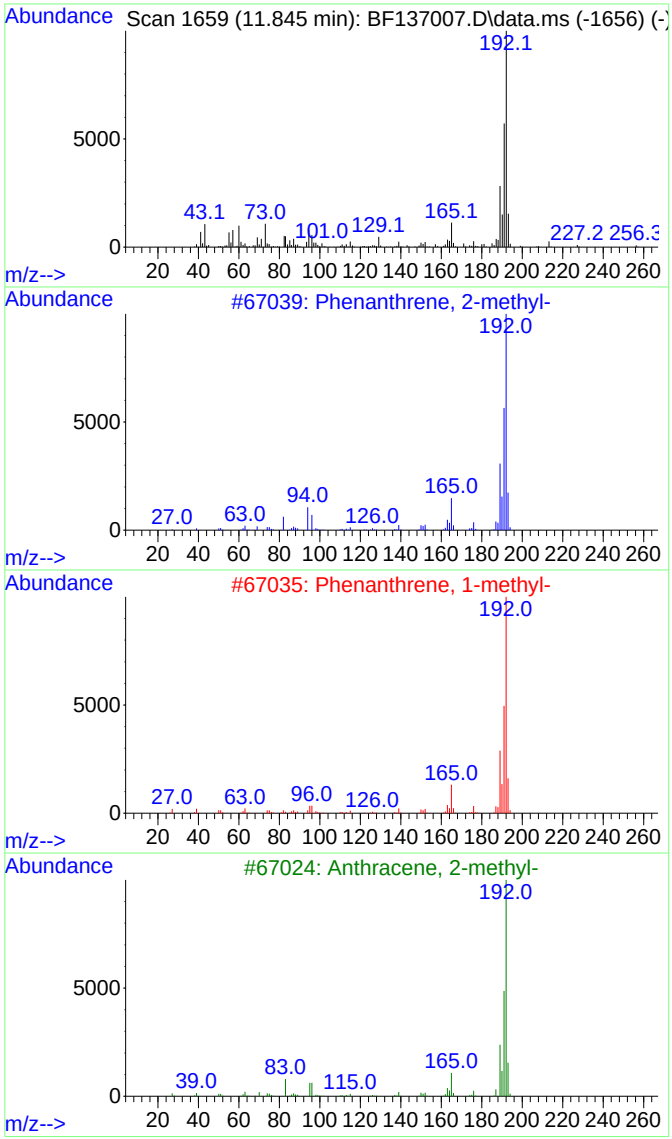
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

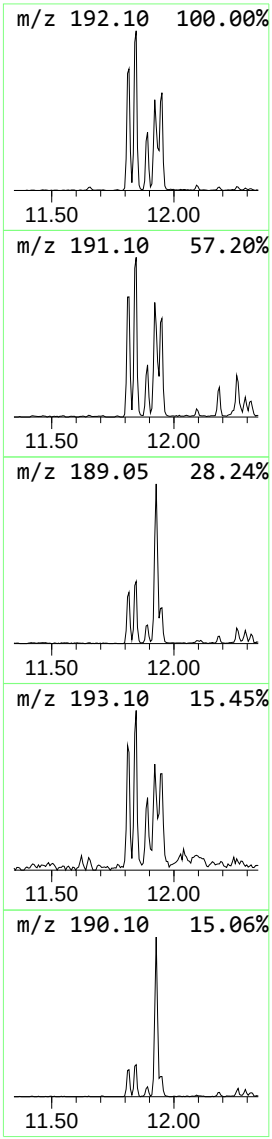
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	19.49 ng	352421	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Sample : P1056-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-311P-0-2

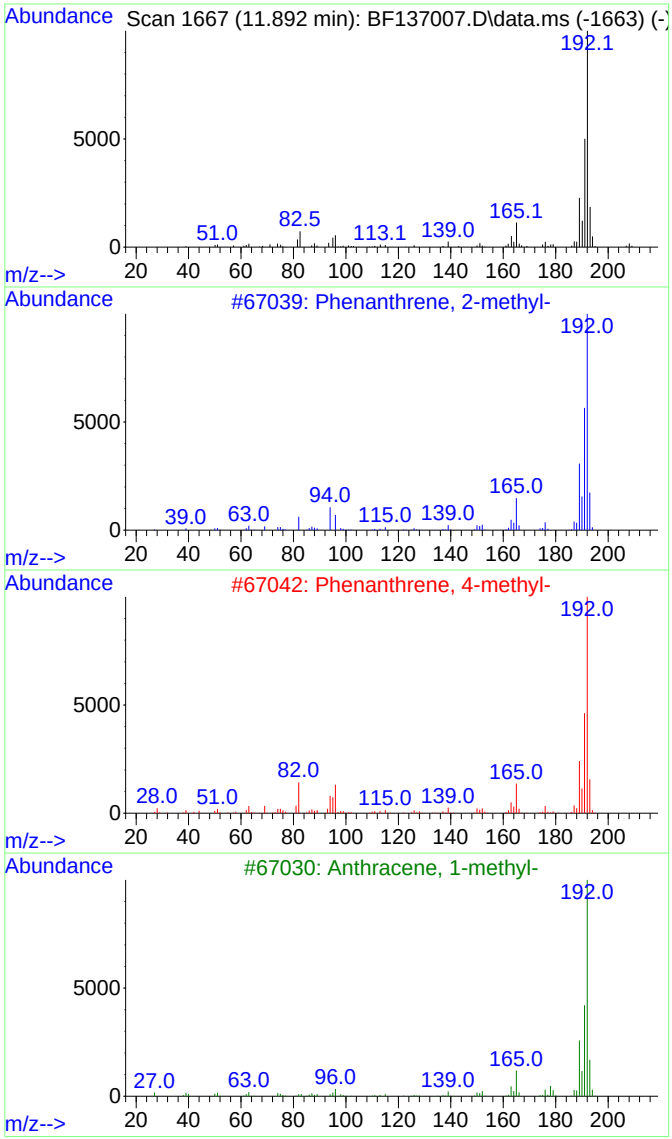
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

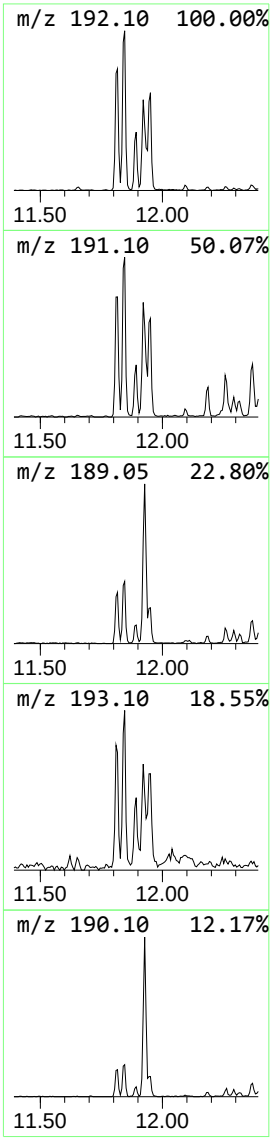
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	5.12 ng	92507	Phenanthrene-d10	11.310

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	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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Sample : P1056-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-311P-0-2

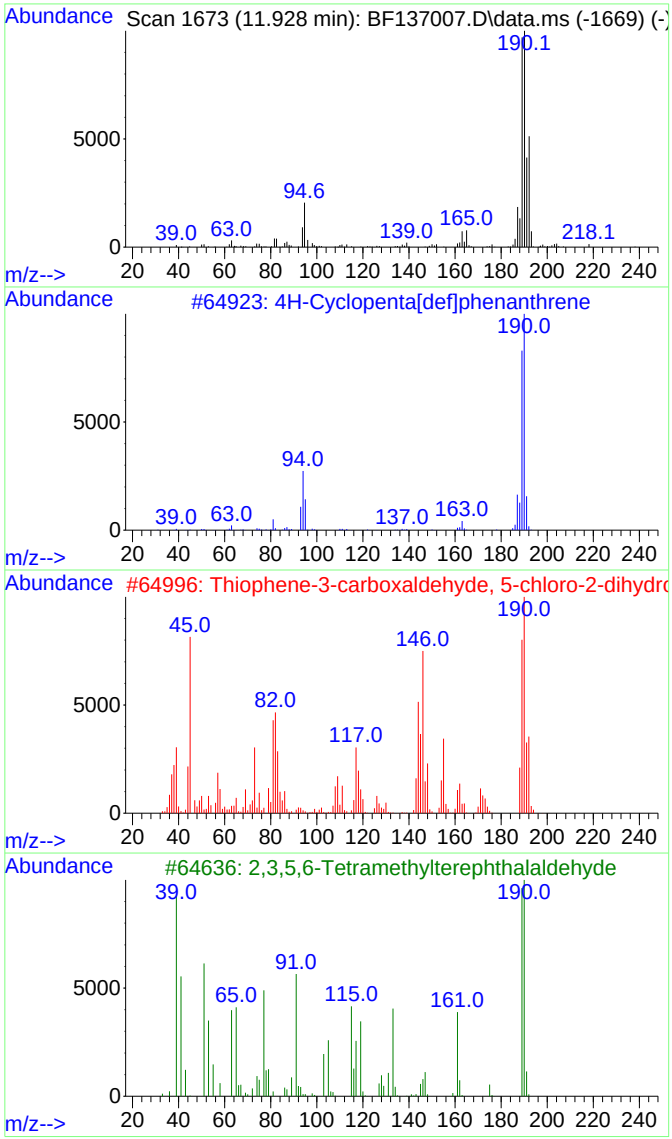
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

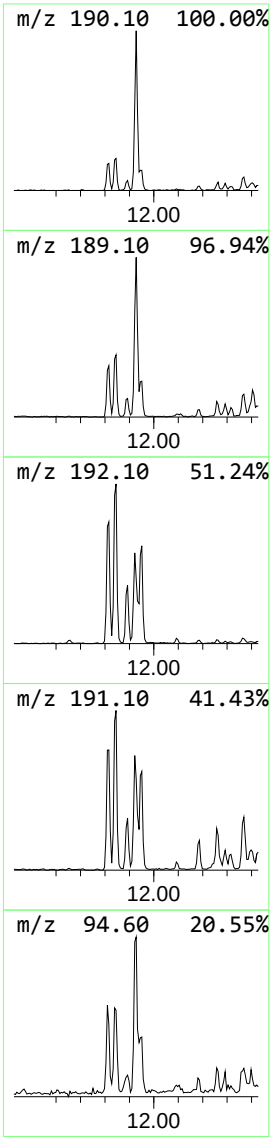
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	18.05 ng	326486	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
5	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	43





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Misc :
ALS Vial : 9 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

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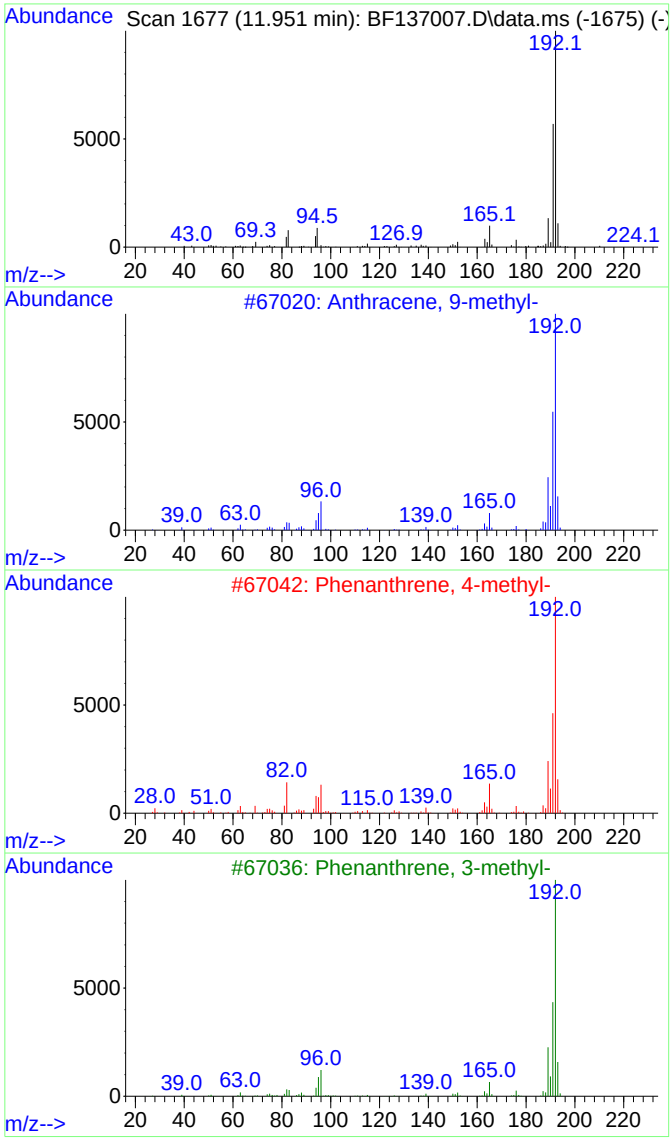
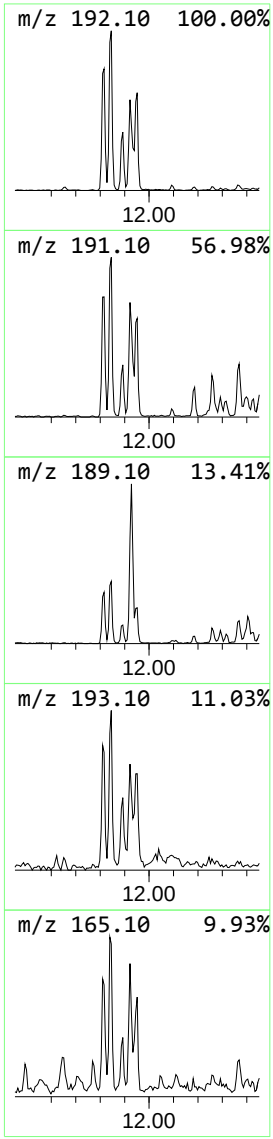
Peak Number 9 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	7.67 ng	138750	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	72
4	2-(4-Fluorobenzyl)thiophene	192	C11H9FS	063877-96-3	64
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64





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Sample : P1056-01
Misc :
ALS Vial : 9 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

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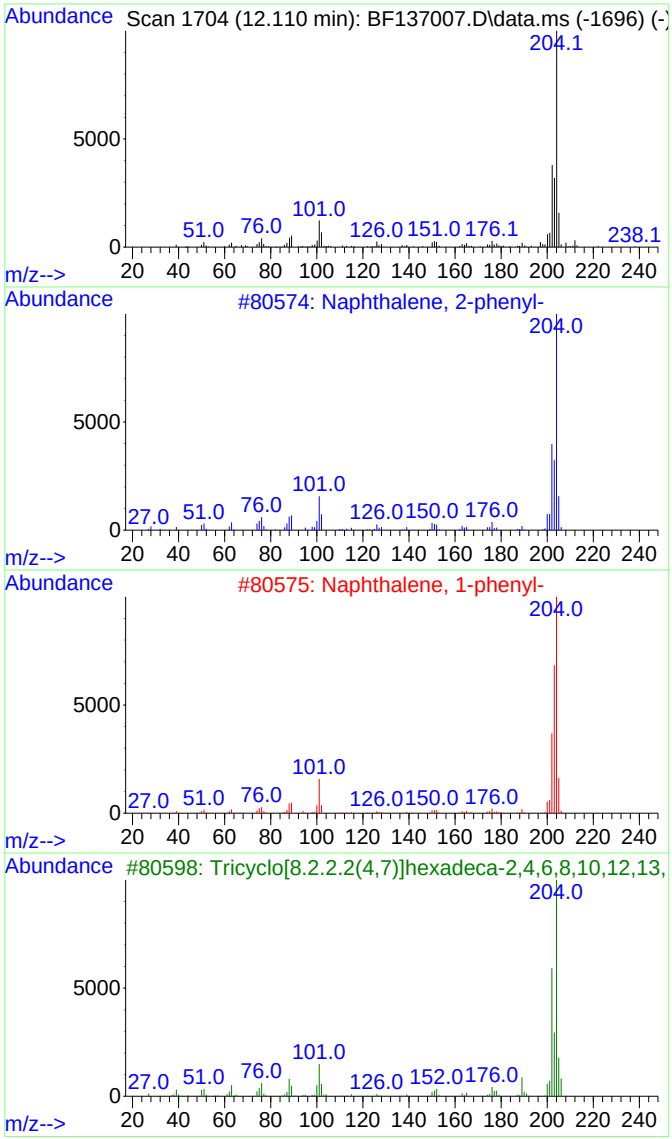
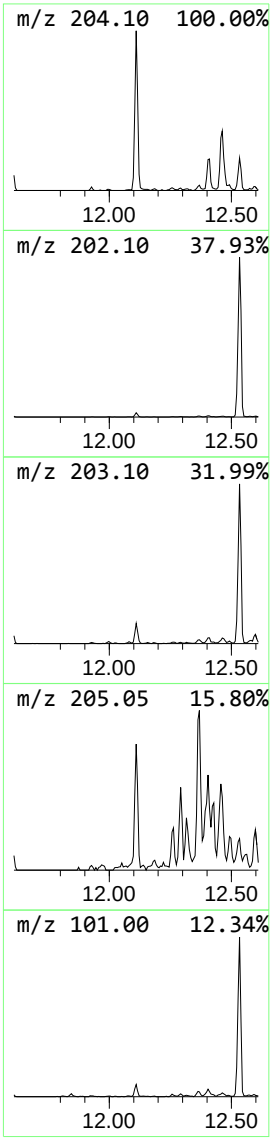
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	8.36 ng	151178	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	98
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	58
5	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	53





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Operator : CG\JU
Sample : P1056-01
Misc :
ALS Vial : 9 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

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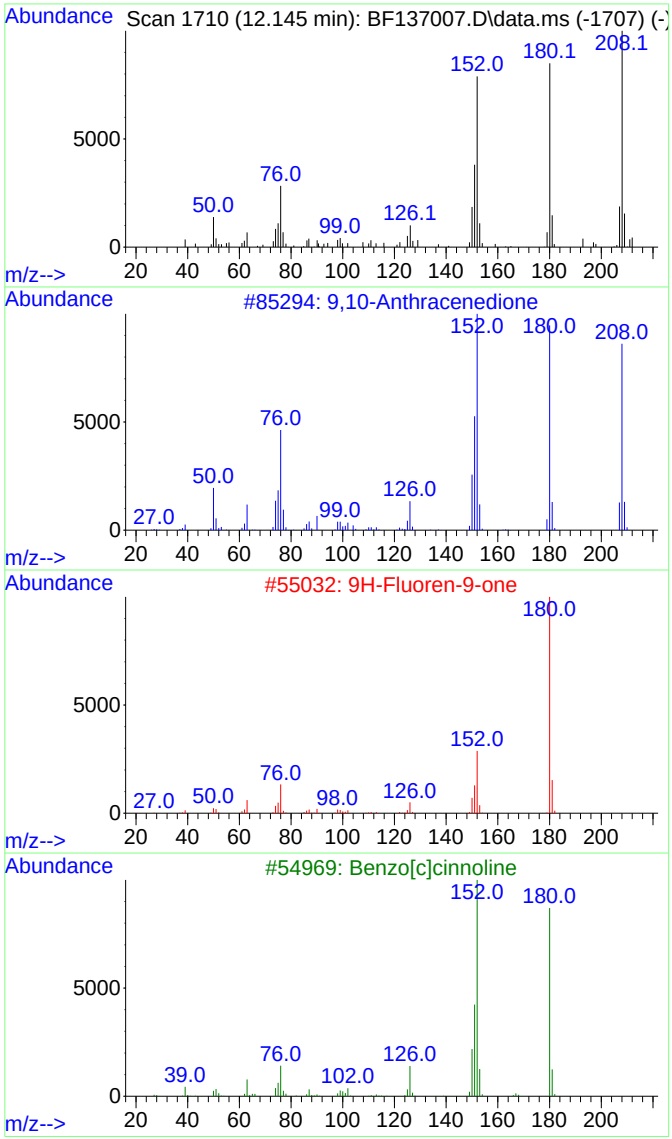
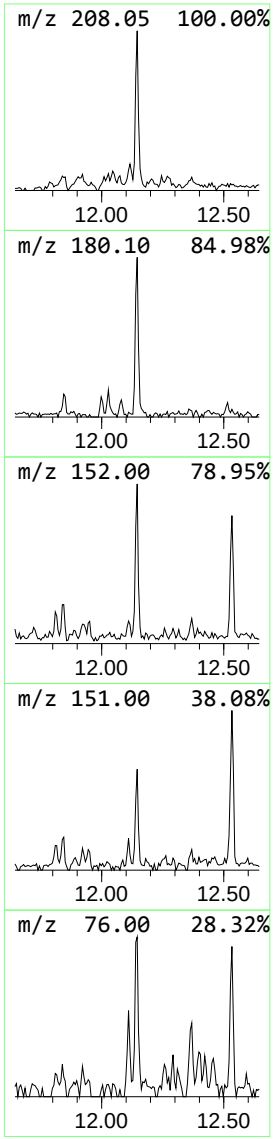
Peak Number 11 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.145	3.87 ng	69905	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	64
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53





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Sample : P1056-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MR-311P-0-2

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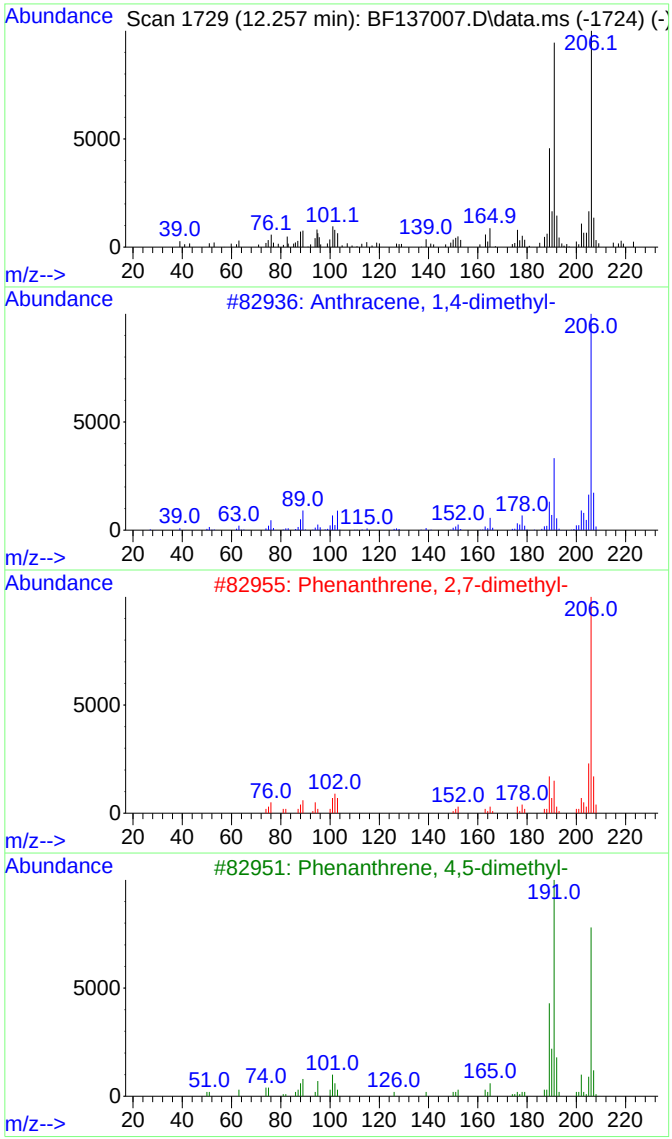
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

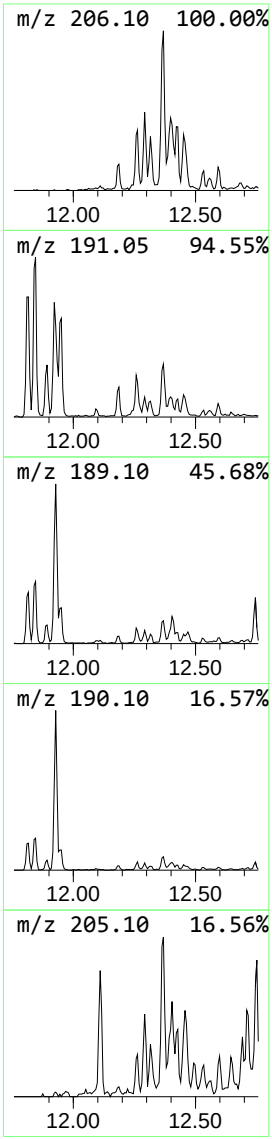
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Anthracene, 1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.257	5.00 ng	90357	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	81
4	Phenanthrene, 2-ethyl-	206	C16H14	003674-74-6	81
5	Phenanthrene, 9,10-dimethyl-	206	C16H14	000604-83-1	76





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Sample : P1056-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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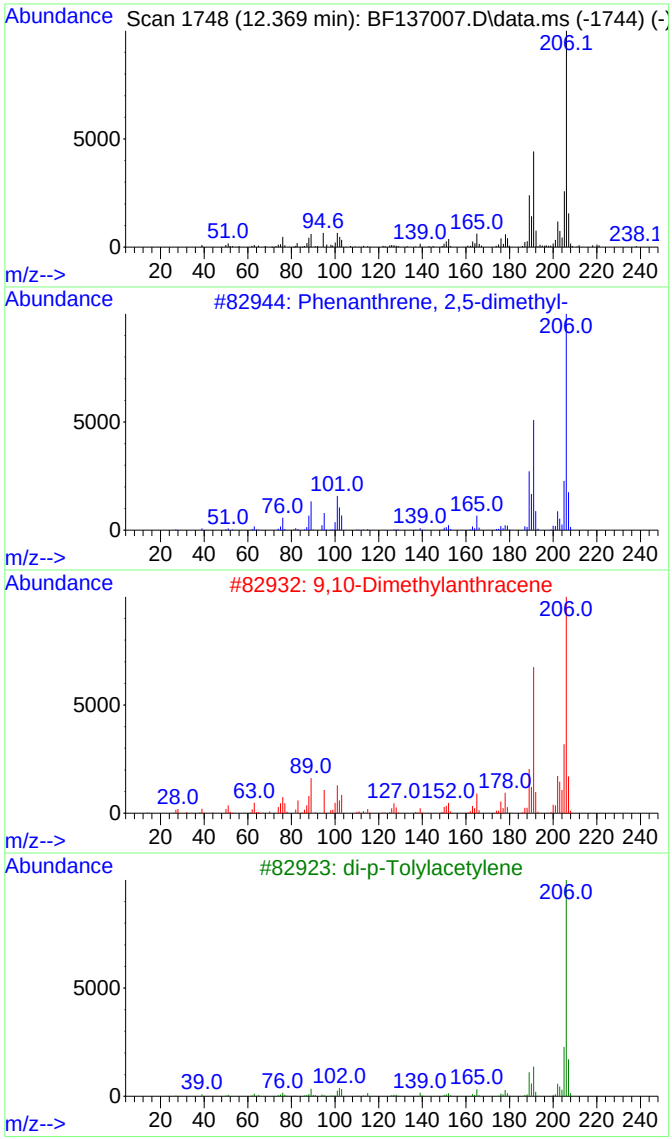
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

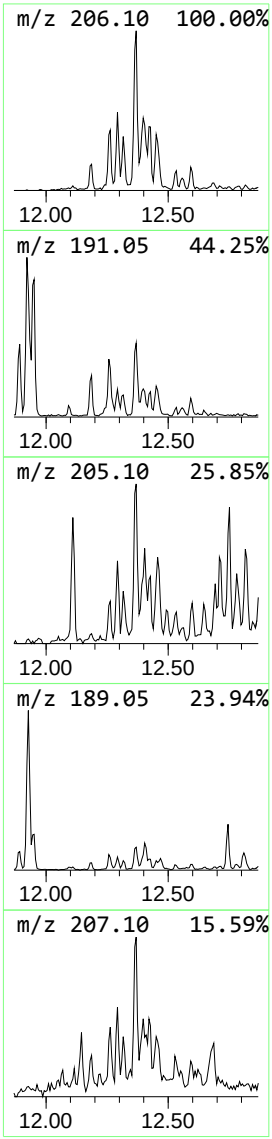
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.369	7.95 ng	143683	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Sample : P1056-01
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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
MR-311P-0-2

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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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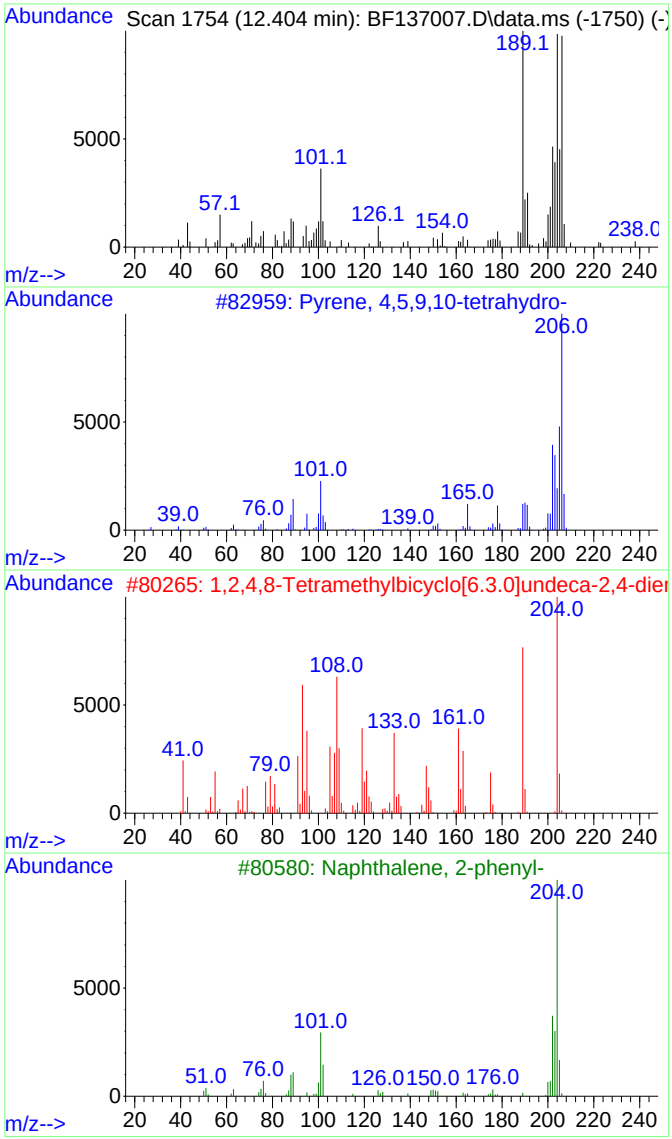
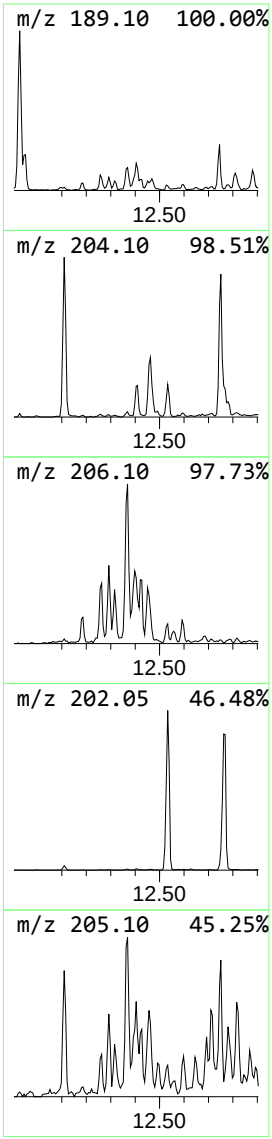
Peak Number 14 unknown12.404 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	4.87 ng	88154	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35
5	3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1010250-17-8	30





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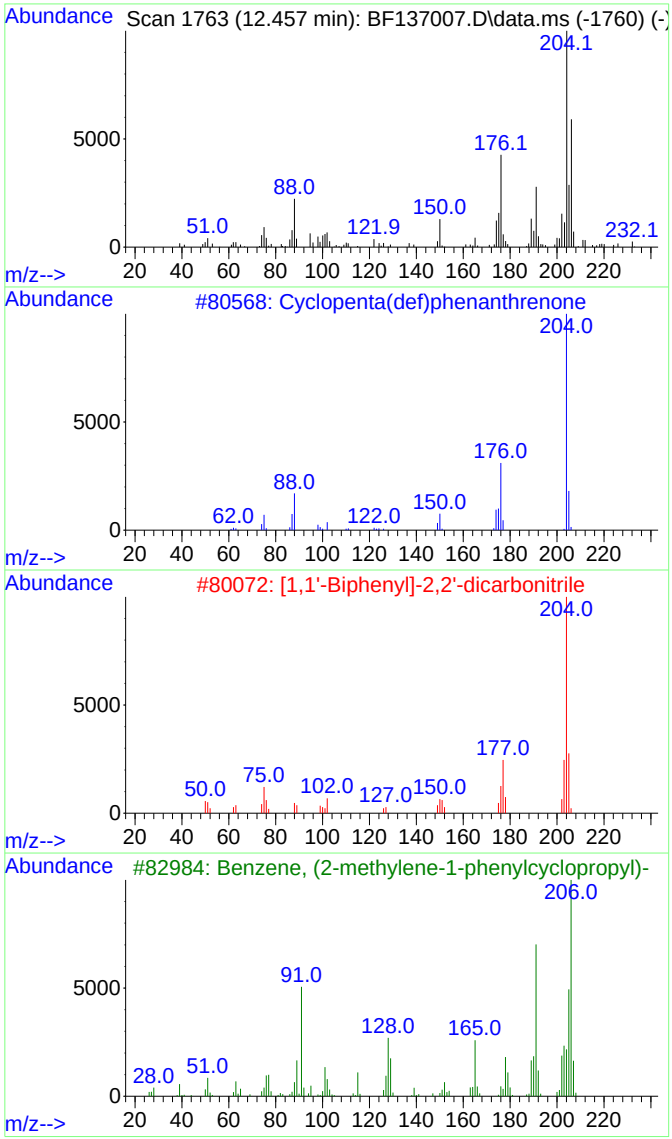
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

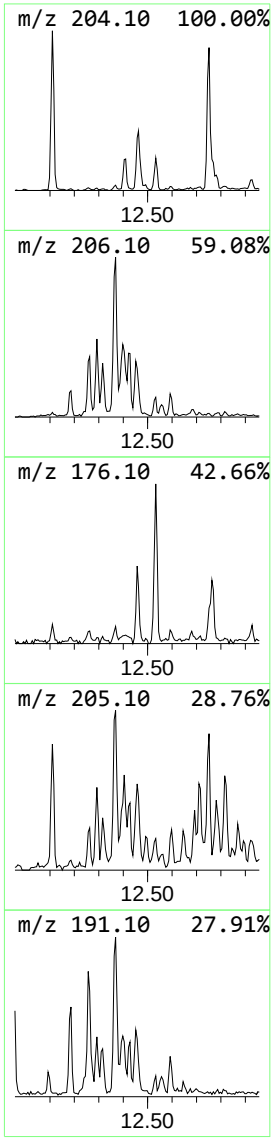
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	5.56 ng	100482	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	60
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38
3	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	38
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	35
5	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	30





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Data File : BF137007.D
Acq On : 08 Jan 2024 21:37
Operator : CG\JU
Sample : P1056-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-311P-0-2

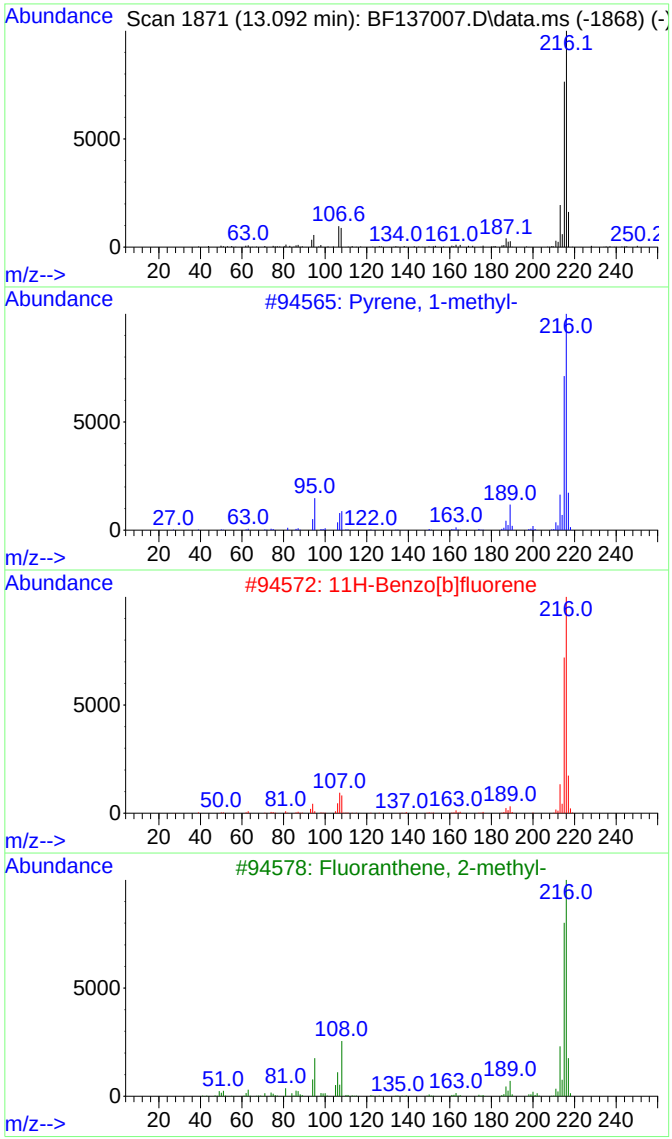
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

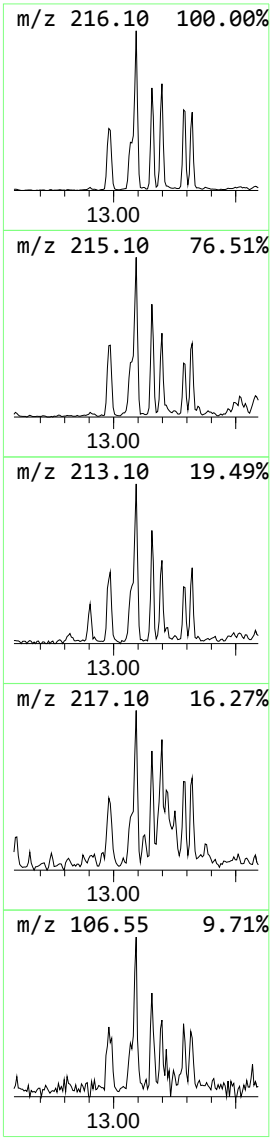
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	3.42 ng	210335	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68





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Operator : CG\JU
Sample : P1056-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MR-311P-0-2

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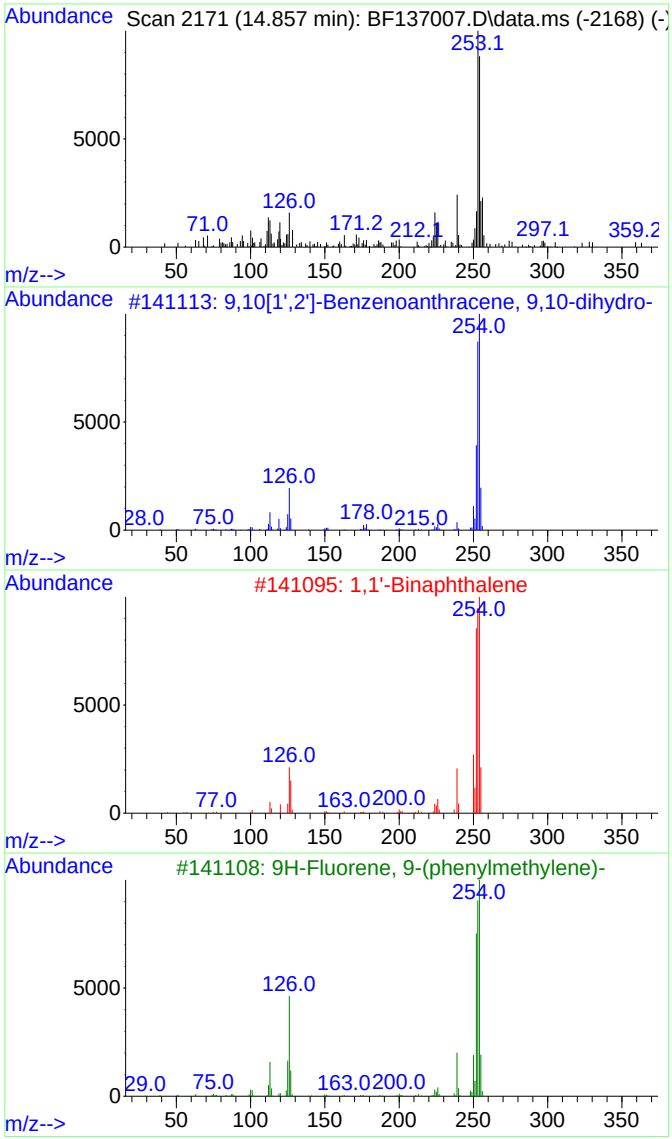
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

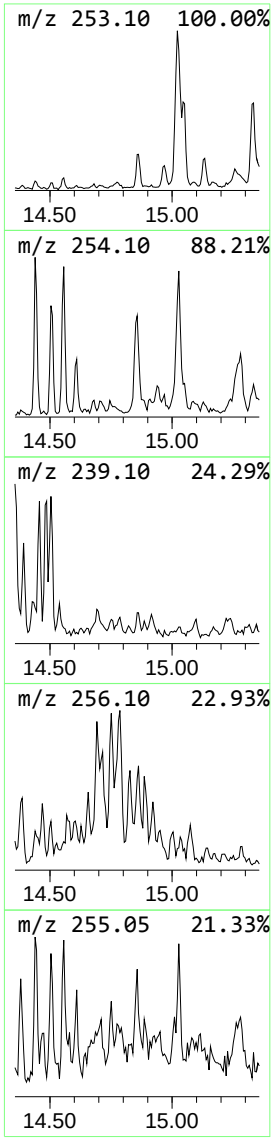
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,10[1',2']-Benzenoanthrace... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.857	3.53 ng	53014	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	94
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	87
3	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	83
4	1H-Indene, 1,1'-(1,2-ethanediyli...	254	C20H14	072088-04-1	70
5	Phenanthrene, 1-phenyl-	254	C20H14	004325-76-2	68





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Acq On : 08 Jan 2024 21:37
Operator : CG\JU
Sample : P1056-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-311P-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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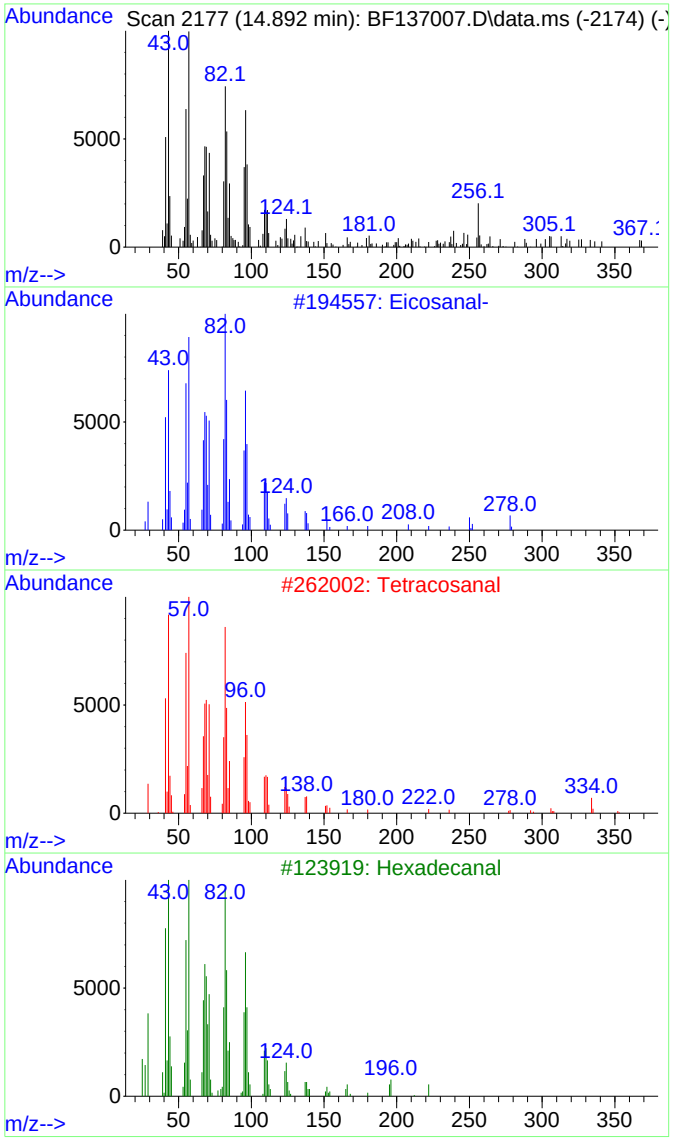
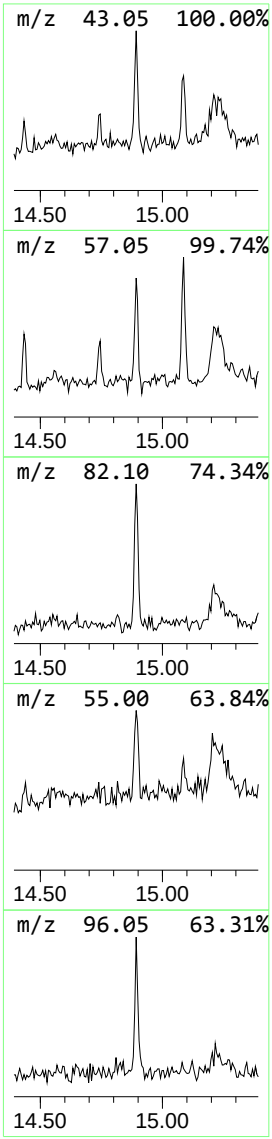
Peak Number 18 Eicosanal- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.892	3.86 ng	57877	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanal-	296	C20H40O	002400-66-0	93
2	Tetracosanal	352	C24H48O	057866-08-7	90
3	Hexadecanal	240	C16H32O	000629-80-1	90
4	17-Octadecenal	266	C18H34O	056554-86-0	90
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90





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Data File : BF137007.D
Acq On : 08 Jan 2024 21:37
Operator : CG\JU
Sample : P1056-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-311P-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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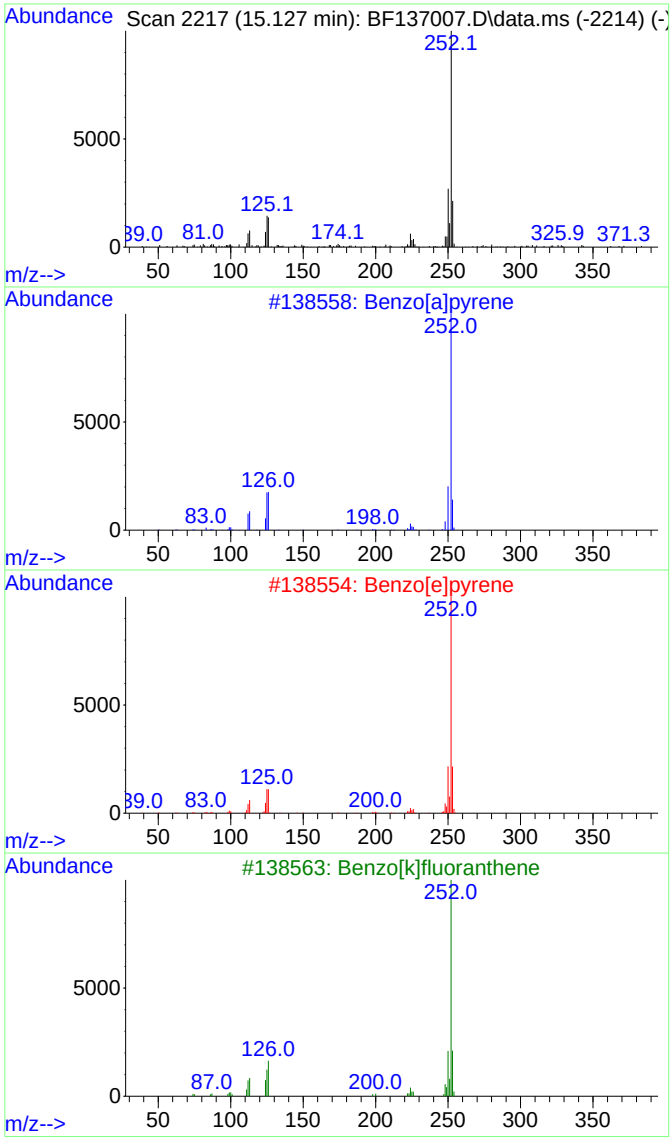
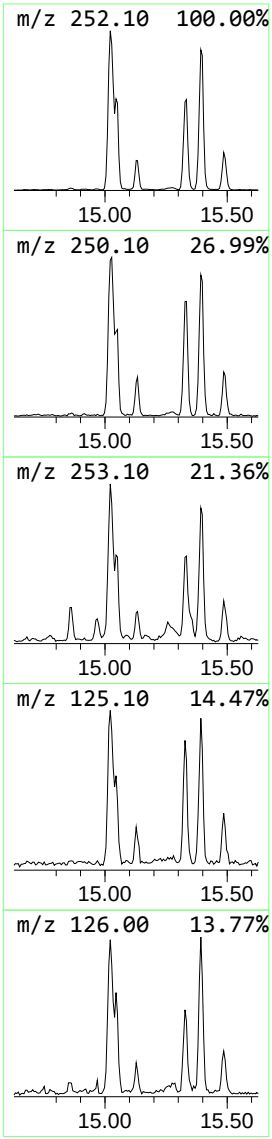
Peak Number 19 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.127	5.41 ng	81214	Perylene-d12	15.457

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137007.D
Acq On : 08 Jan 2024 21:37
Operator : CG\JU
Sample : P1056-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-311P-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

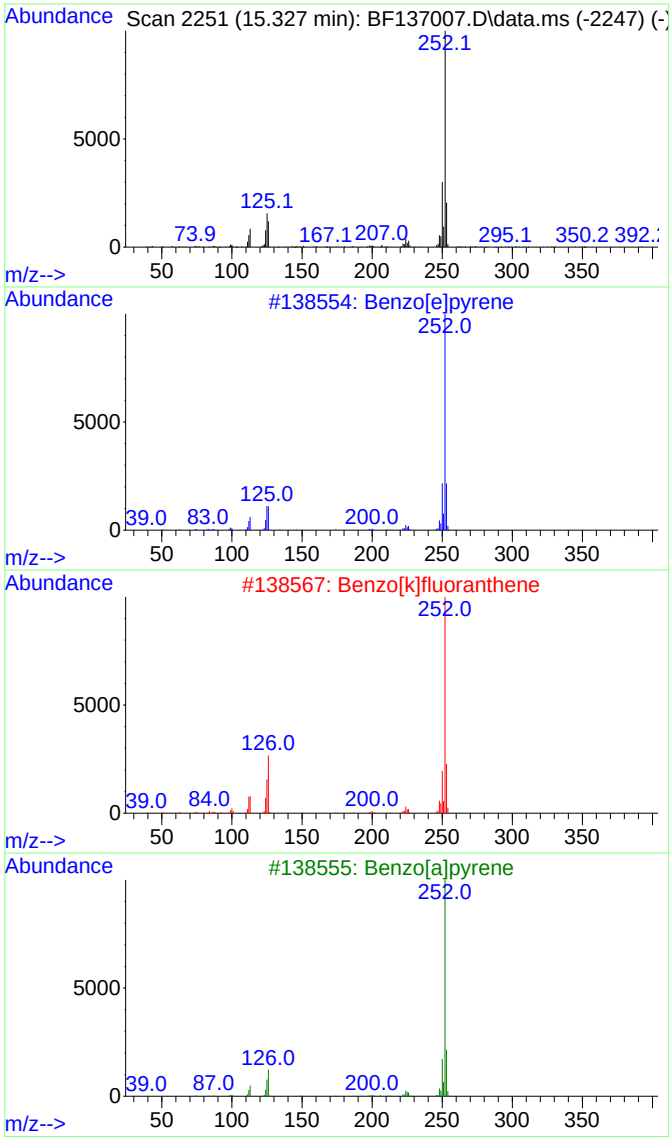
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

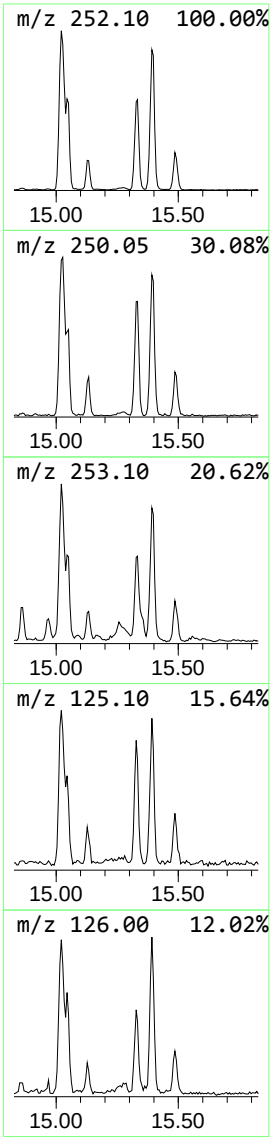
****

Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	20.79 ng	311947	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137007.D
Acq On : 08 Jan 2024 21:37
Operator : CG\JU
Sample : P1056-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-311P-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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
2-Pentanone, 4-...	5.016	3.5	ng	57585	1	6.781	328952	20.0
9H-Fluorene, 3-...	10.916	3.4	ng	62129	4	11.310	361665	20.0
Anthracene, 1,2...	11.163	3.8	ng	68878	4	11.310	361665	20.0
Dibenzothiophene	11.204	3.8	ng	68904	4	11.310	361665	20.0
Phenanthrene, 2...	11.810	12.2	ng	220245	4	11.310	361665	20.0
Phenanthrene, 1...	11.845	19.5	ng	352421	4	11.310	361665	20.0
Phenanthrene, 4...	11.892	5.1	ng	92507	4	11.310	361665	20.0
4H-Cyclopenta[d...	11.928	18.1	ng	326486	4	11.310	361665	20.0
Anthracene, 9-m...	11.951	7.7	ng	138750	4	11.310	361665	20.0
Naphthalene, 2-...	12.110	8.4	ng	151178	4	11.310	361665	20.0
9,10-Anthracene...	12.145	3.9	ng	69905	4	11.310	361665	20.0
Anthracene, 1,4...	12.257	5.0	ng	90357	4	11.310	361665	20.0
Phenanthrene, 2...	12.369	8.0	ng	143683	4	11.310	361665	20.0
unknown12.404	12.404	4.9	ng	88154	4	11.310	361665	20.0
Cyclopenta(def)...	12.457	5.6	ng	100482	4	11.310	361665	20.0
Pyrene, 1-methyl-	13.092	3.4	ng	210335	5	13.969	1231690	20.0
9,10[1',2']-Ben...	14.857	3.5	ng	53014	6	15.457	300119	20.0
Eicosanal-	14.892	3.9	ng	57877	6	15.457	300119	20.0
Benzo[e]pyrene	15.127	5.4	ng	81214	6	15.457	300119	20.0
Perylene	15.327	20.8	ng	311947	6	15.457	300119	20.0