LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136987.D
Acq On : 05 Jan 2024 21:05
Operator : CG\JU
Sample : P1040-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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: BF136987.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	11	14	22	rVB	17813	25538	1.94%	0.160%
2	5.022	494	499	515	rVB	163878	204088	15.53%	1.276%
3	5.434	565	569	588	rBV	1173455	1056441	80.37%	6.603%
4	6.434	735	739	755	rBV	1108548	1010249	76.86%	6.314%
5	6.781	795	798	802	rBV	352598	298831	22.73%	1.868%
6	7.345	890	894	897	rBV	792536	642356	48.87%	4.015%
7	8.057	1012	1015	1018	rBV	404560	352331	26.81%	2.202%
8	8.869	1150	1153	1157	rBV	21902	19282	1.47%	0.121%
9	9.139	1194	1199	1202	rBV	1376667	1206126	91.76%	7.538%
10	9.475	1251	1256	1258	rBV	28941	27793	2.11%	0.174%
11	9.816	1306	1314	1317	rBV	466302	363386	27.65%	2.271%
12	9.845	1317	1319	1323	rVV	92680	83457	6.35%	0.522%
13	9.916	1325	1331	1336	rVB6	15050	25082	1.91%	0.157%
14	10.022	1345	1349	1353	rBV	57754	50477	3.84%	0.315%
15	10.369	1404	1408	1413	rVB	113752	108968	8.29%	0.681%
16	10.451	1420	1422	1425	rVB	25455	19472	1.48%	0.122%
17	10.522	1432	1434	1438	rVB	38215	35689	2.72%	0.223%
18	10.610	1445	1449	1455	rBV	670709	625749	47.61%	3.911%
19	10.916	1494	1501	1504	rBV3	43767	50401	3.83%	0.315%
20	10.945	1504	1506	1509	rVV2	20420	20161	1.53%	0.126%
21	11.045	1518	1523	1525	rVV3	30240	36649	2.79%	0.229%
22	11.069	1525	1527	1529	rVV2	28497	25477	1.94%	0.159%
23	11.157	1539	1542	1548	rVV2	34559	53267	4.05%	0.333%
24	11.204	1548	1550	1555	rVB	42453	41393	3.15%	0.259%
25	11.310	1564	1568	1570	rBV	429713	370411	28.18%	2.315%
26	11.333	1570	1572	1576	rVV	630713	529091	40.25%	3.307%
27	11.386	1576	1581	1584	rVB	224246	196639	14.96%	1.229%
28	11.422	1584	1587	1590	rBV2	27635	28844	2.19%	0.180%
29	11.551	1601	1609	1616	rBV2	70564	120501	9.17%	0.753%
30	11.610	1616	1619	1623	rVV5	16107	22003	1.67%	0.138%
31	11.816	1650	1654	1656	rBV	130153	108665	8.27%	0.679%
32	11.845	1656	1659	1663	rVV	280770	251160	19.11%	1.570%
33	11.892	1663	1667	1670	rVV	94823	92649	7.05%	0.579%
34	11.928	1670	1673	1675	rVV	175091	177072	13.47%	1.107%
35	11.951	1675	1677	1683	rVB	86345	76553	5.82%	0.478%
36	11.998	1683	1685	1688	rBV2	25868	24646	1.88%	0.154%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136987.D
Acq On : 05 Jan 2024 21:05
Operator : CG\JU
Sample : P1040-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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	12.092	1697	1701	1702	rBV3	31099	28448	2.16%	0.178%
38	12.110	1702	1704	1707	rVB	63533	56016	4.26%	0.350%
39	12.145	1707	1710	1713	rVB	25770	24852	1.89%	0.155%
40	12.263	1726	1730	1733	rBV3	35972	36890	2.81%	0.231%
41	12.292	1733	1735	1738	rBV2	28335	23395	1.78%	0.146%
42	12.322	1738	1740	1743	rVB	28903	21373	1.63%	0.134%
43	12.369	1744	1748	1751	rBV	74665	81425	6.19%	0.509%
44	12.410	1751	1755	1757	rVV4	58386	72006	5.48%	0.450%
45	12.457	1760	1763	1768	rVB3	43694	64160	4.88%	0.401%
46	12.533	1772	1776	1779	rBV	705653	579648	44.10%	3.623%
47	12.575	1779	1783	1785	rVV3	24696	30682	2.33%	0.192%
48	12.598	1785	1787	1789	rVV2	29765	24160	1.84%	0.151%
49	12.633	1790	1793	1795	rVV2	24233	27201	2.07%	0.170%
50	12.680	1798	1801	1805	rVV4	29280	45143	3.43%	0.282%
51	12.763	1809	1815	1818	rVV2	552879	654964	49.83%	4.094%
52	12.810	1821	1823	1828	rVB2	59980	71635	5.45%	0.448%
53	12.910	1836	1840	1846	rVB	1354950	1314412	100.00%	8.215%
54	12.986	1848	1853	1857	rBV4	62393	108269	8.24%	0.677%
55	13.069	1864	1867	1868	rBV2	53738	56790	4.32%	0.355%
56	13.092	1868	1871	1874	rVB	172380	163827	12.46%	1.024%
57	13.127	1874	1877	1880	rBV2	19004	30179	2.30%	0.189%
58	13.157	1880	1882	1885	rVV	128891	115196	8.76%	0.720%
59	13.198	1885	1889	1892	rVV2	111020	135276	10.29%	0.845%
60	13.222	1892	1893	1896	rVB3	25720	21843	1.66%	0.137%
61	13.257	1896	1899	1902	rVB	26302	23765	1.81%	0.149%
62	13.292	1902	1905	1907	rBV	50506	45248	3.44%	0.283%
63	13.322	1907	1910	1914	rBV2	51942	55625	4.23%	0.348%
64	13.480	1933	1937	1938	rBV2	28660	34574	2.63%	0.216%
65	13.522	1942	1944	1947	rVV2	41995	36922	2.81%	0.231%
66	13.580	1951	1954	1956	rBV2	32039	35206	2.68%	0.220%
67	13.610	1956	1959	1962	rVB3	50769	50407	3.83%	0.315%
68	13.716	1974	1977	1979	rBV	38250	34744	2.64%	0.217%
69	13.745	1979	1982	1984	rVV	71052	61034	4.64%	0.381%
70	13.769	1984	1986	1987	rVV2	32031	26581	2.02%	0.166%
71	13.786	1987	1989	1992	rVV2	34624	27820	2.12%	0.174%
72	13.816	1992	1994	1997	rVB2	44525	41738	3.18%	0.261%
73	13.874	1998	2004	2011	rBV5	35778	105178	8.00%	0.657%
74	13.969	2012	2020	2023	rBV3	567992	847322	64.46%	5.296%
75	13.998	2023	2025	2028	rVV	300817	253991	19.32%	1.587%
76	14.074	2032	2038	2040	rBV3	55632	71368	5.43%	0.446%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136987.D
Acq On : 05 Jan 2024 21:05
Operator : CG\JU
Sample : P1040-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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	14.133	2044	2048	2052	rBV6	24134	44933	3.42%	0.281%
78	14.169	2052	2054	2056	rVV	26047	23918	1.82%	0.149%
79	14.204	2058	2060	2062	rVB	42672	28789	2.19%	0.180%
80	14.292	2072	2075	2077	rBV	23498	23826	1.81%	0.149%
81	14.321	2077	2080	2082	rVV	42866	41186	3.13%	0.257%
82	14.357	2082	2086	2089	rVV	115567	142495	10.84%	0.891%
83	14.392	2089	2092	2096	rVV	59814	71608	5.45%	0.448%
84	14.439	2096	2100	2101	rVV3	48074	57576	4.38%	0.360%
85	14.457	2101	2103	2105	rVV	46373	42968	3.27%	0.269%
86	14.486	2105	2108	2109	rVV	52265	48296	3.67%	0.302%
87	14.504	2109	2111	2114	rVV2	51816	59520	4.53%	0.372%
88	14.557	2118	2120	2126	rVB2	23930	30684	2.33%	0.192%
89	14.680	2138	2141	2143	rBV3	28475	32293	2.46%	0.202%
90	14.727	2146	2149	2156	rVB	161352	204636	15.57%	1.279%
91	14.863	2168	2172	2175	rBV4	27768	33642	2.56%	0.210%
92	15.021	2195	2199	2202	rBV	187561	275753	20.98%	1.723%
93	15.092	2209	2211	2214	rVB2	26971	25054	1.91%	0.157%
94	15.133	2214	2218	2221	rVB	44865	51235	3.90%	0.320%
95	15.327	2247	2251	2257	rVB	91436	134650	10.24%	0.842%
96	15.392	2258	2262	2267	rBV	152584	191540	14.57%	1.197%
97	15.457	2268	2273	2277	rBV	229554	301441	22.93%	1.884%
98	16.974	2526	2531	2540	rVB2	55613	114061	8.68%	0.713%
99	17.151	2558	2561	2567	rBV2	16626	32027	2.44%	0.200%
100	17.433	2603	2609	2615	rBV3	33501	67702	5.15%	0.423%

Sum of corrected areas: 16000043

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136987.D
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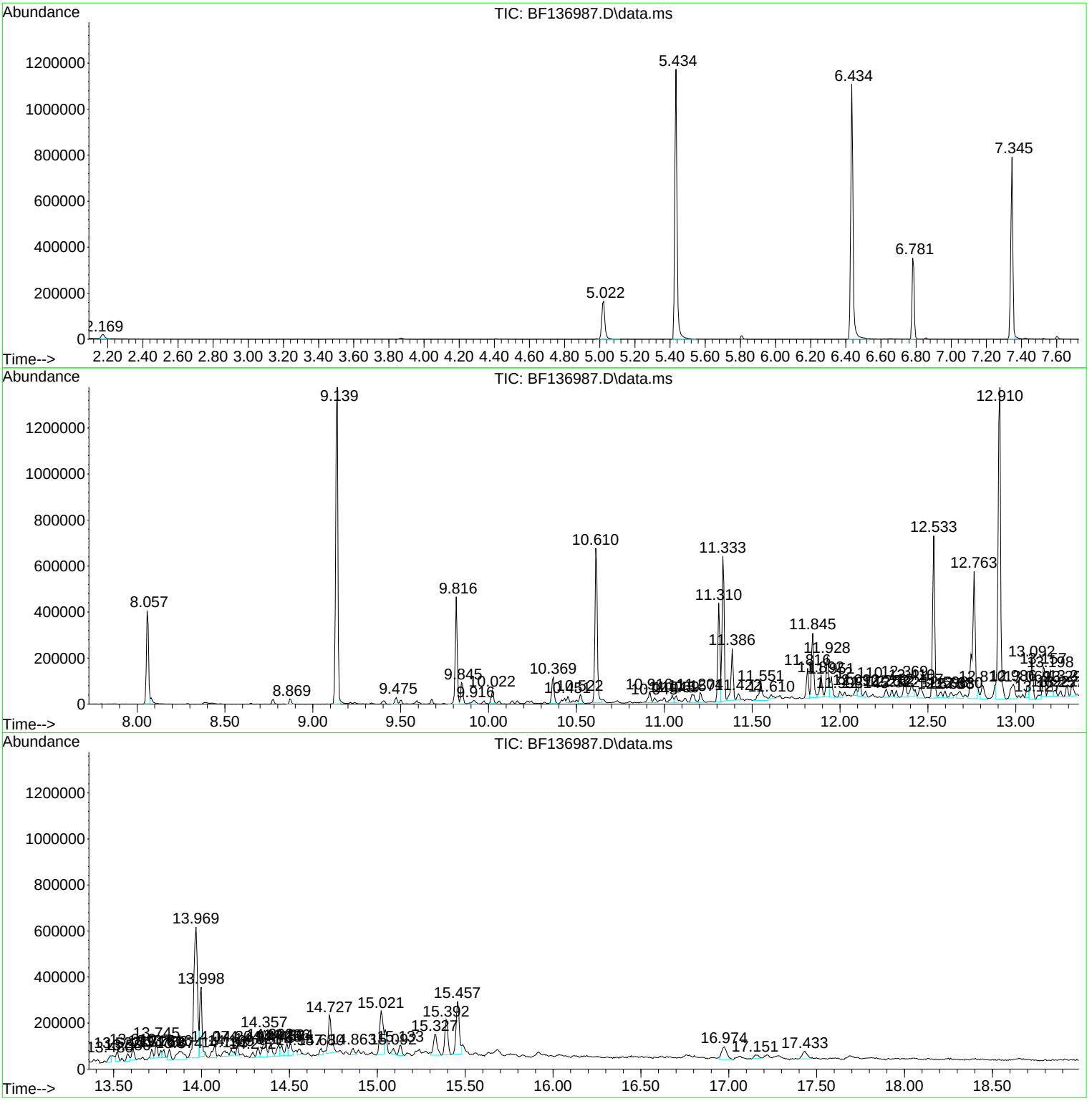
Sample : P1040-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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\BF010524\
Data File : BF136987.D
Acq On : 05 Jan 2024 21:05
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Instrument :
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ClientSampleId :
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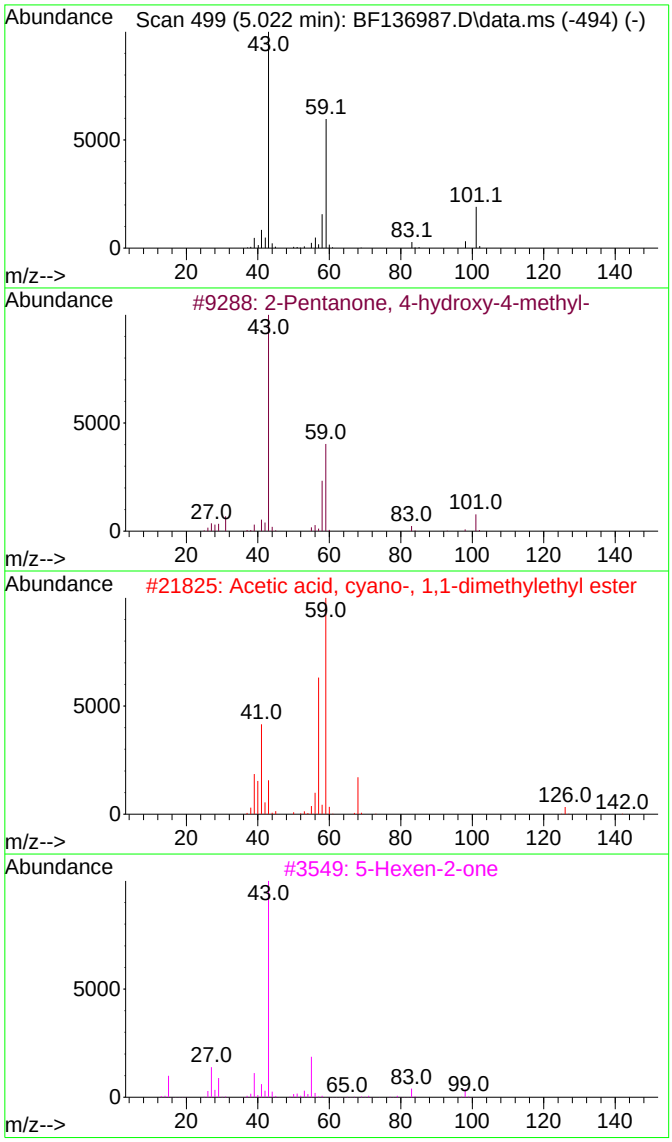
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

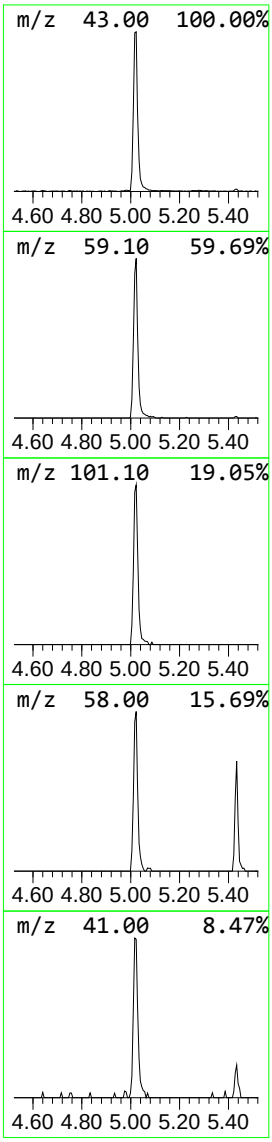
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.022	13.66 ng	204088	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	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136987.D
Acq On : 05 Jan 2024 21:05
Operator : CG\JU
Sample : P1040-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
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

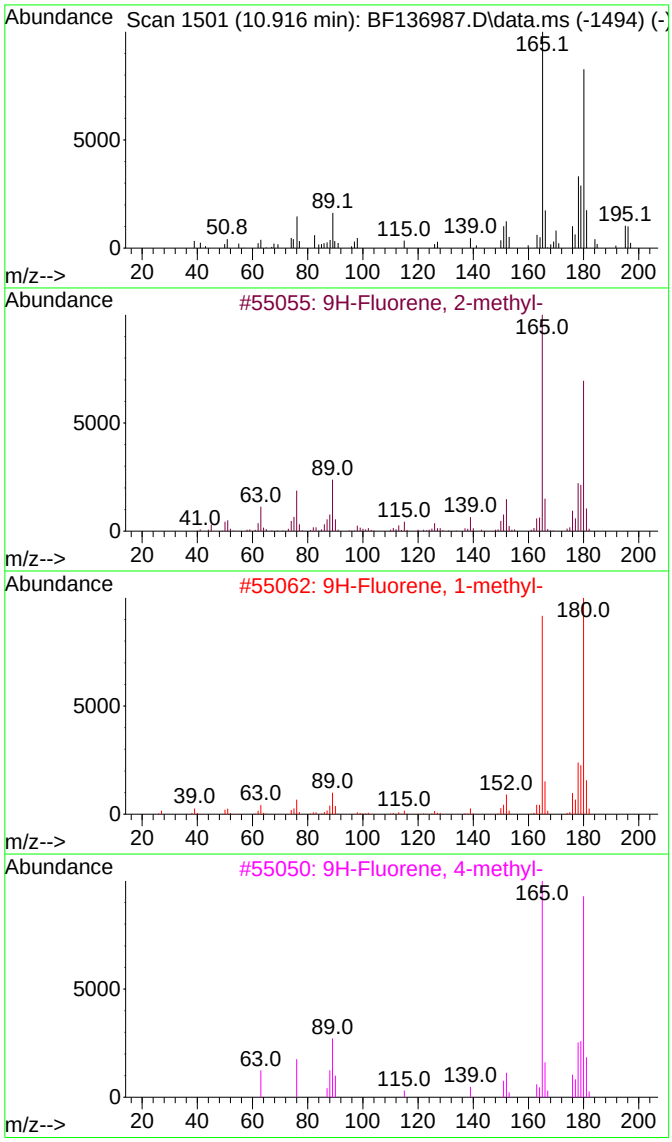
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

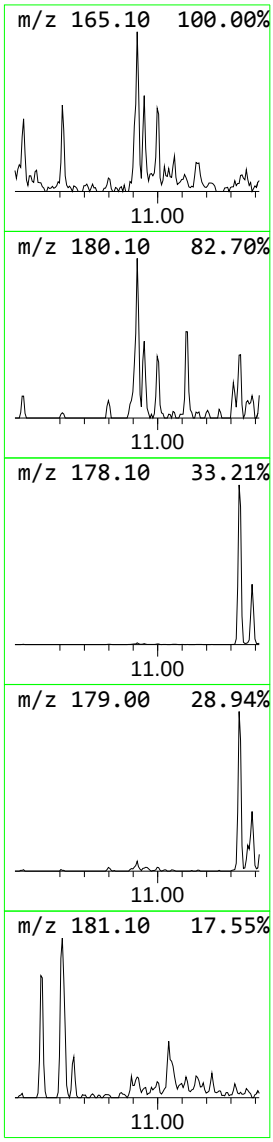
****

Peak Number 2 9H-Fluorene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.916	2.72 ng	50401	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
3	9H-Fluorene, 4-methyl-	180	C14H12	002523-39-9	70
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-37-7	70
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136987.D
Acq On : 05 Jan 2024 21:05
Operator : CG\JU
Sample : P1040-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

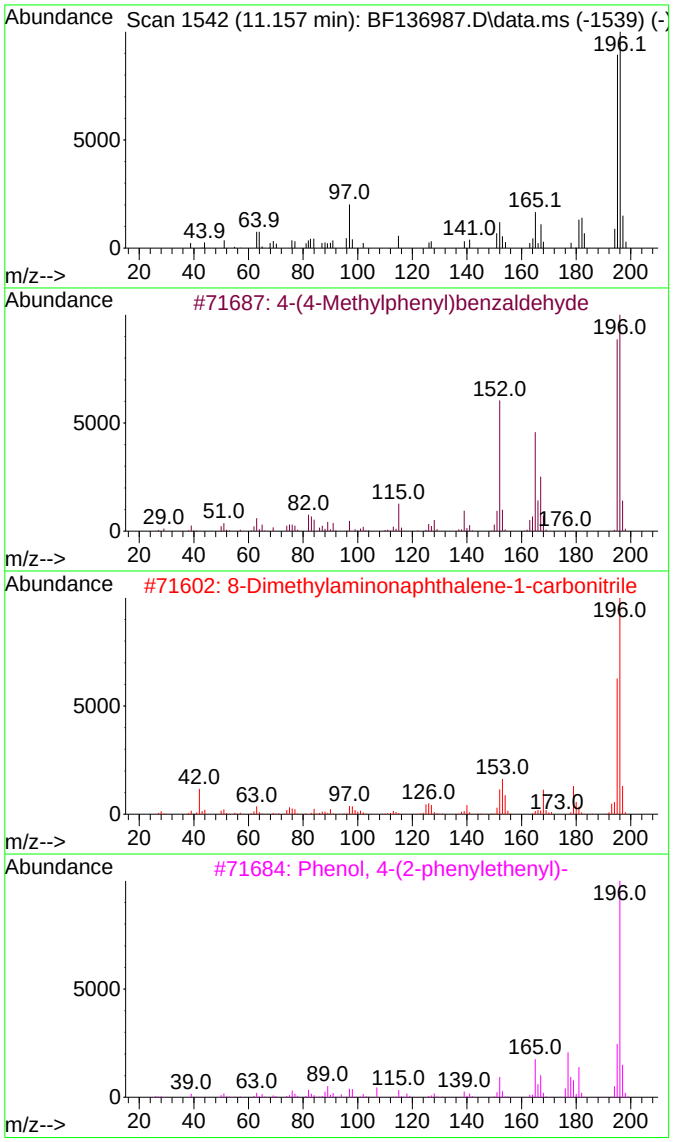
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

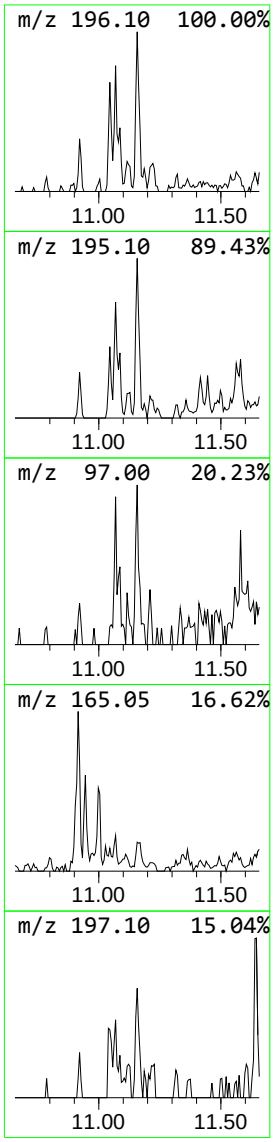
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4-(4-Methylphenyl)benzaldehyde Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.157	2.88 ng	53267	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	74
2	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	72
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	64
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136987.D
Acq On : 05 Jan 2024 21:05
Operator : CG\JU
Sample : P1040-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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

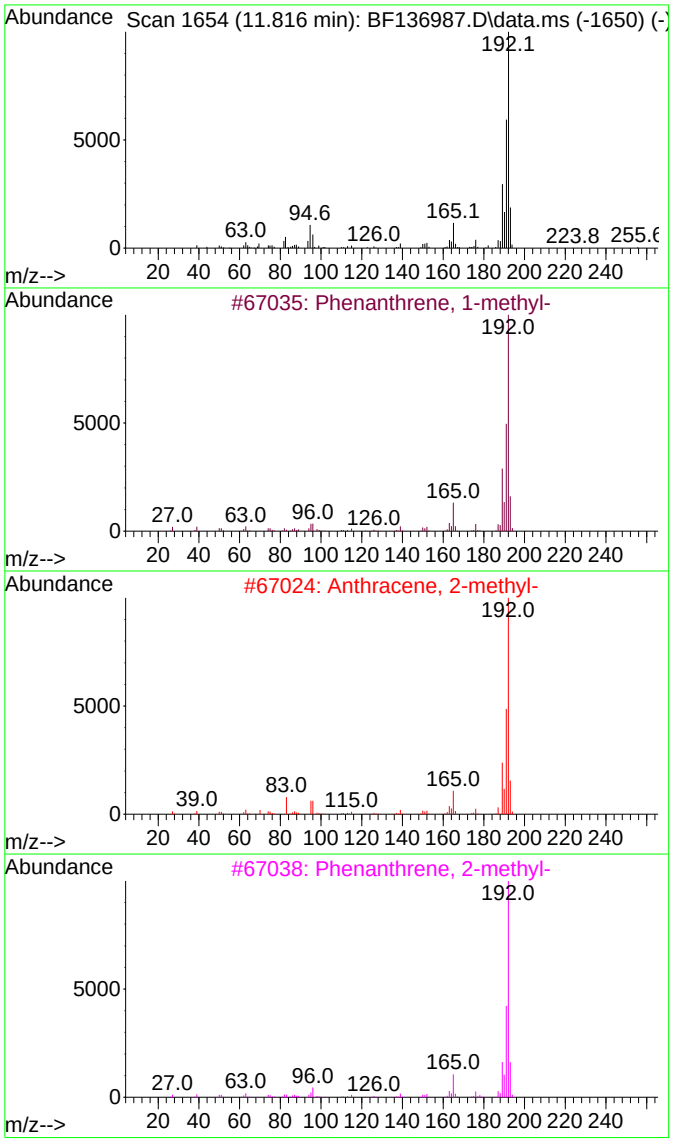
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

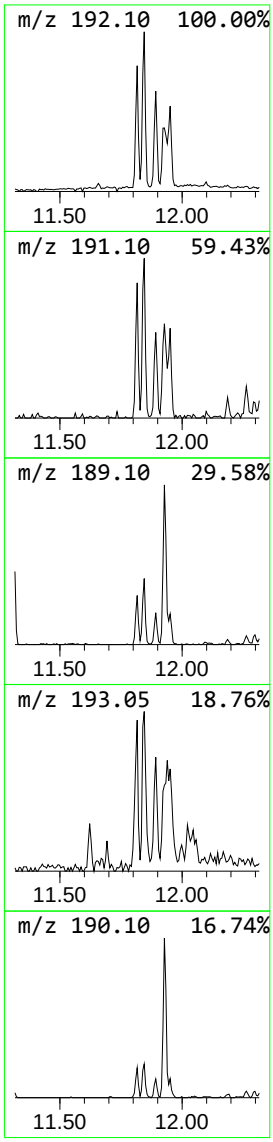
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	5.87 ng	108665	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
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	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136987.D
Acq On : 05 Jan 2024 21:05
Operator : CG\JU
Sample : P1040-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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

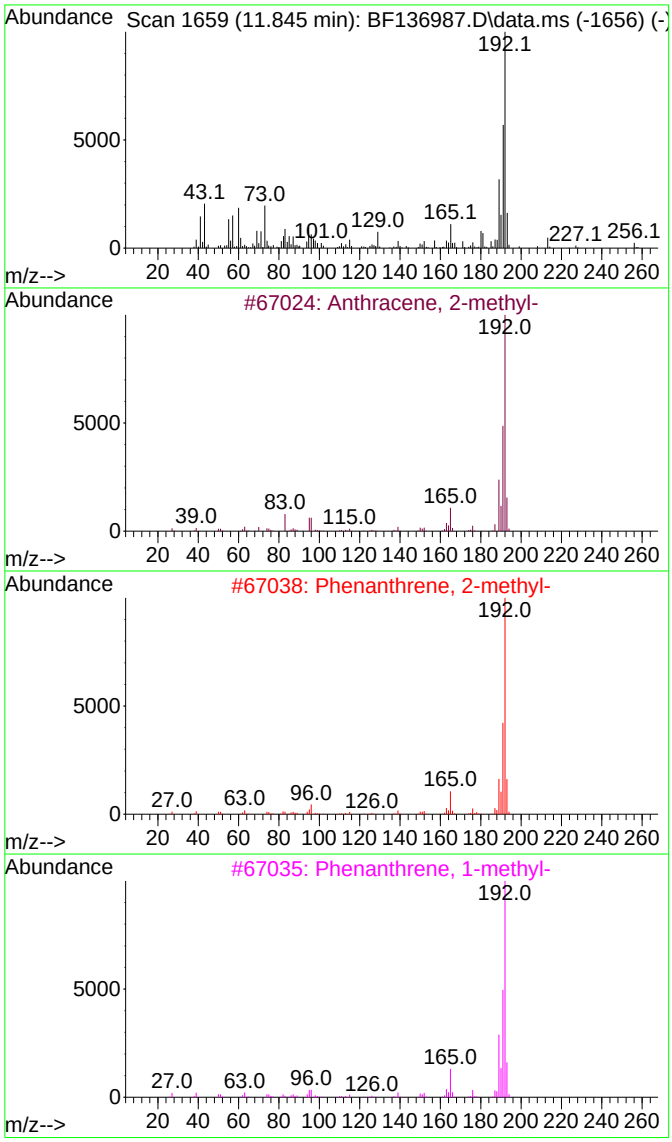
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

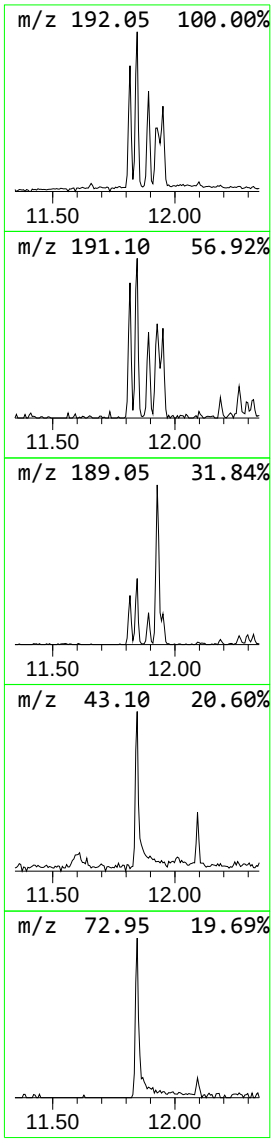
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	13.56 ng	251160	Phenanthrene-d10	11.310

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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Acq On : 05 Jan 2024 21:05
Operator : CG\JU
Sample : P1040-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMP-1

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

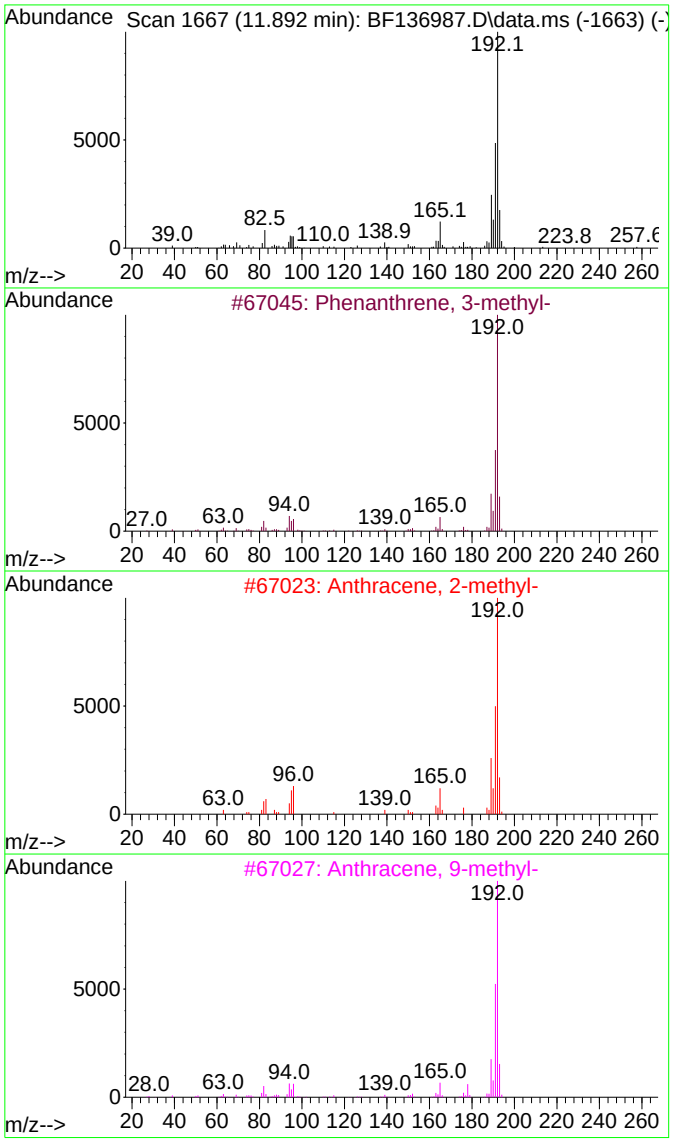
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

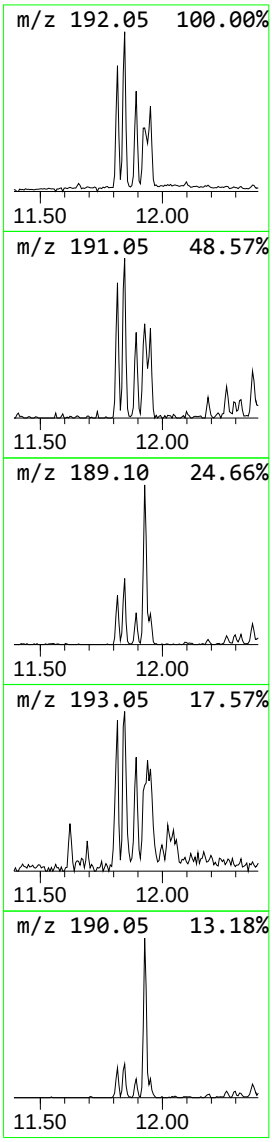
****

Peak Number 6 Phenanthrene, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	5.00 ng	92649	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Misc :
ALS Vial : 22 Sample Multiplier: 1

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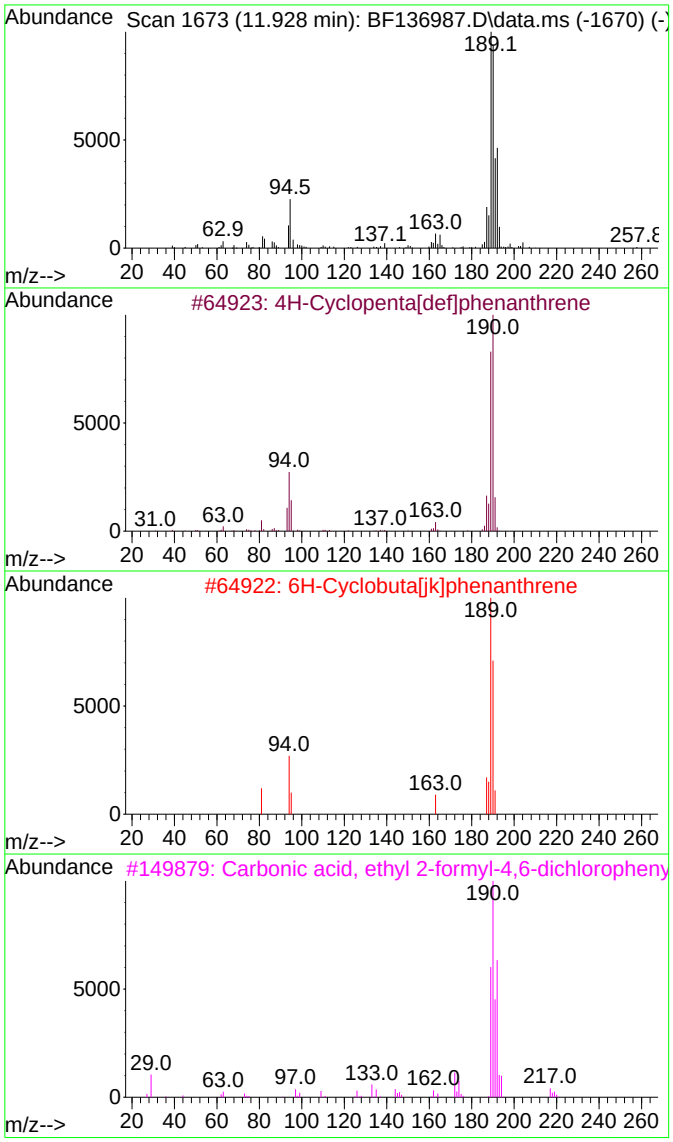
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

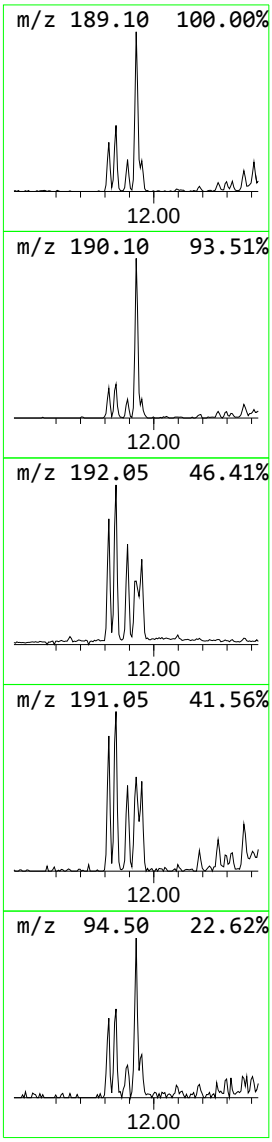
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	9.56 ng	177072	Phenanthrene-d10	11.310

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	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53





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Misc :
ALS Vial : 22 Sample Multiplier: 1

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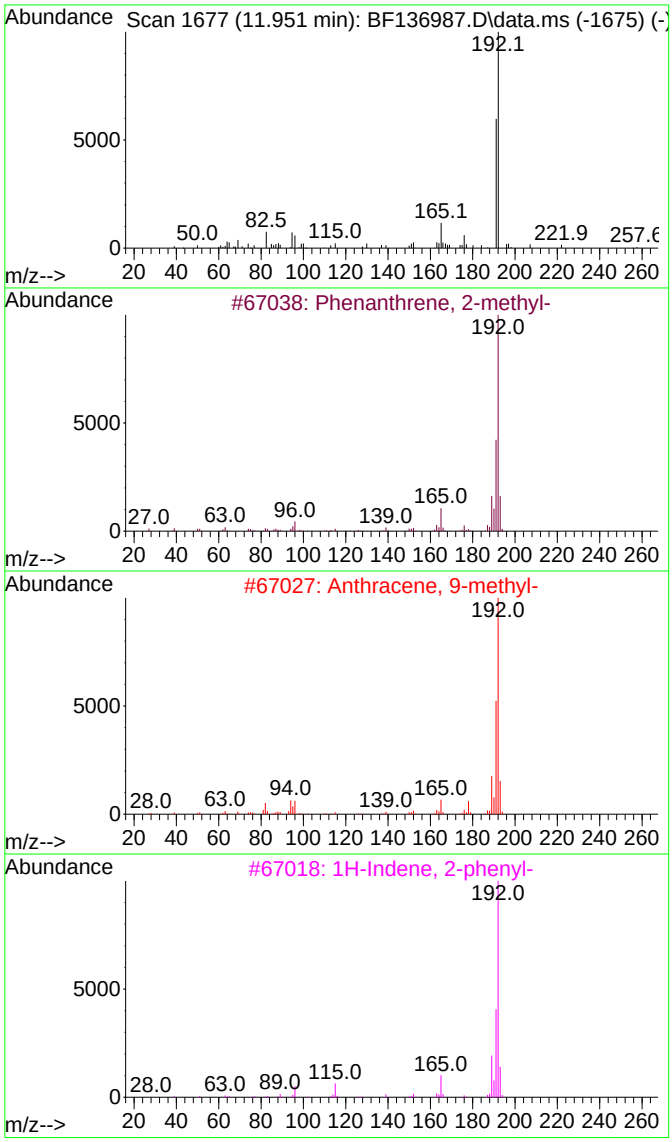
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

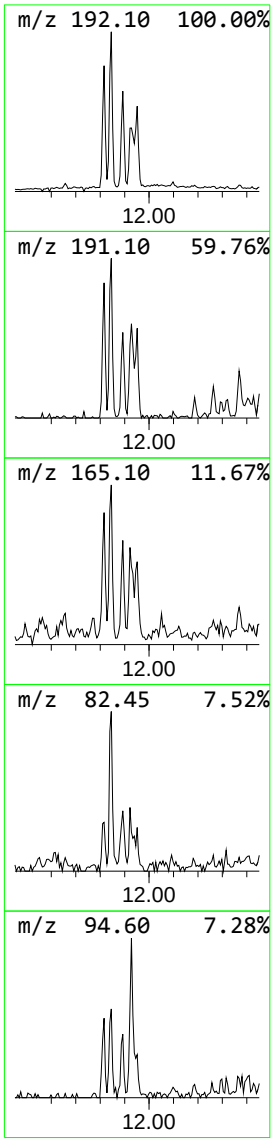
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	4.13 ng	76553	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	80
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80





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Misc :
ALS Vial : 22 Sample Multiplier: 1

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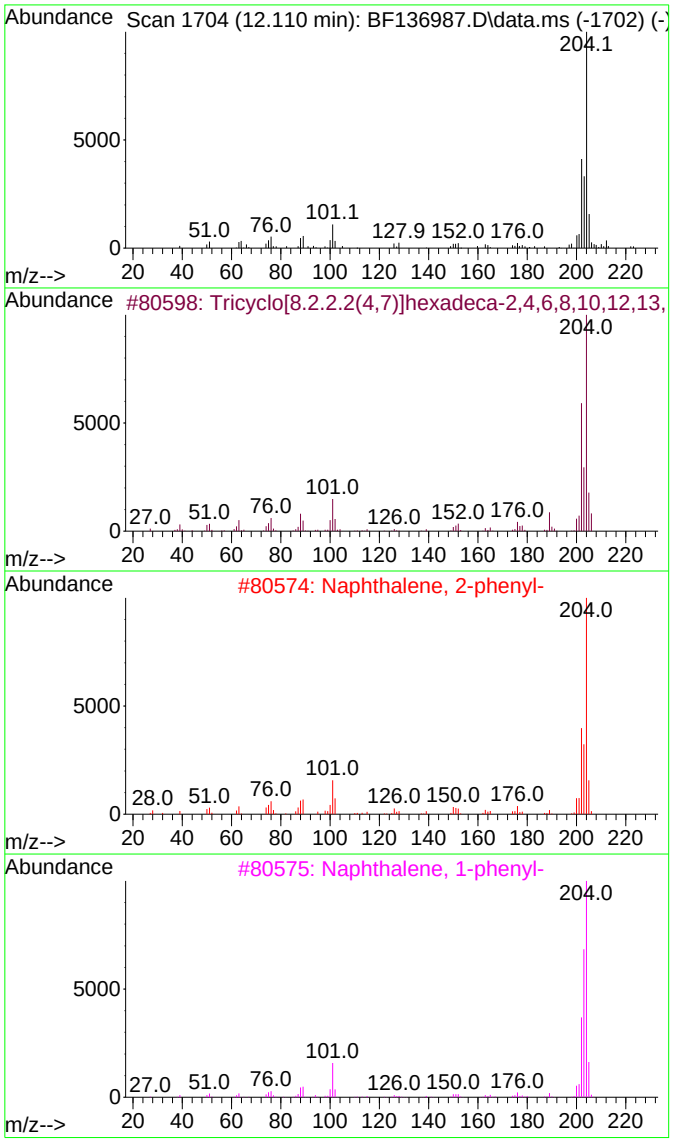
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

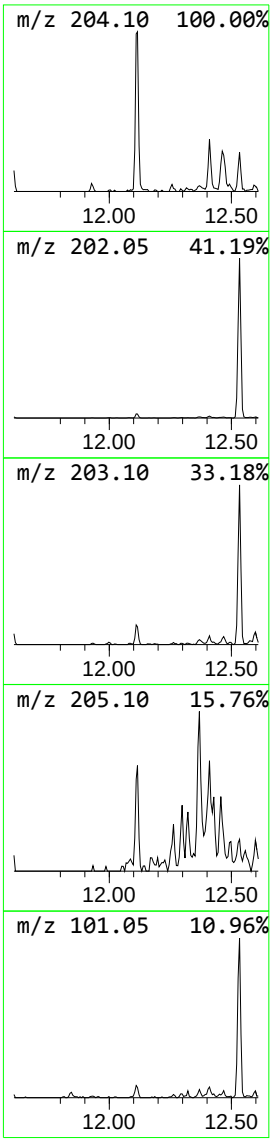
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	3.02 ng	56016	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49





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ALS Vial : 22 Sample Multiplier: 1

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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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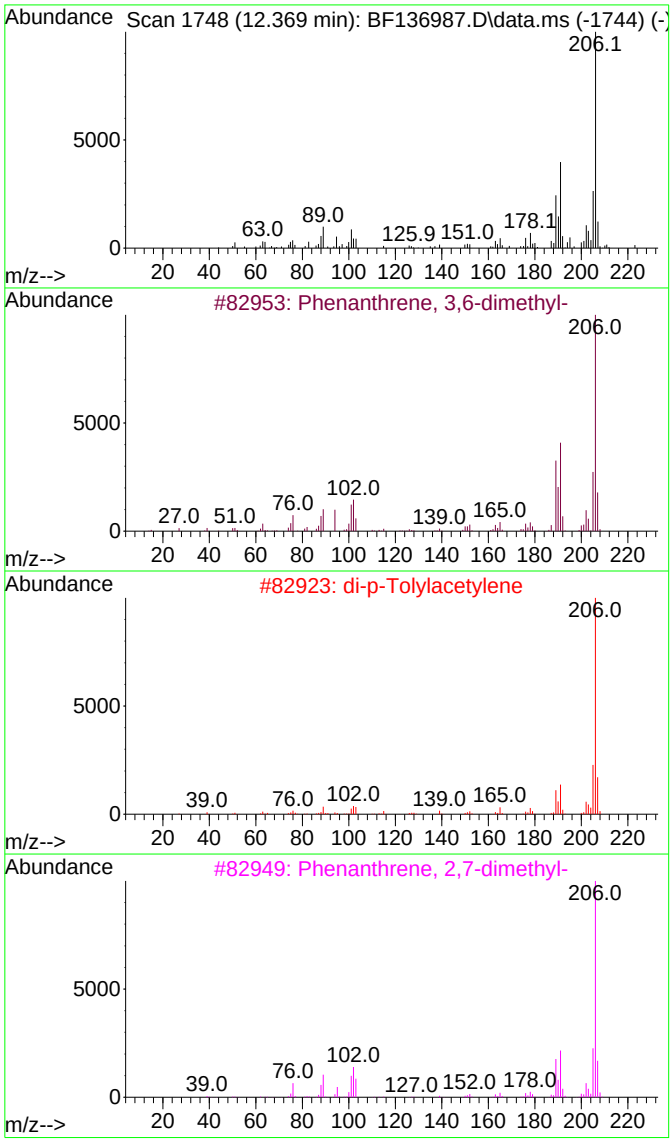
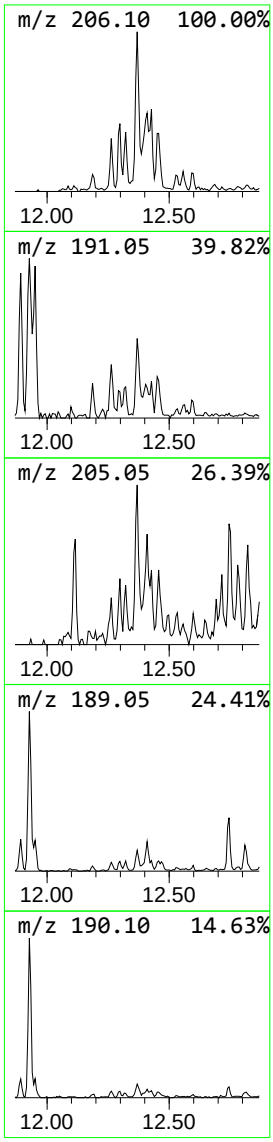
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.369	4.40 ng	81425	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87





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ALS Vial : 22 Sample Multiplier: 1

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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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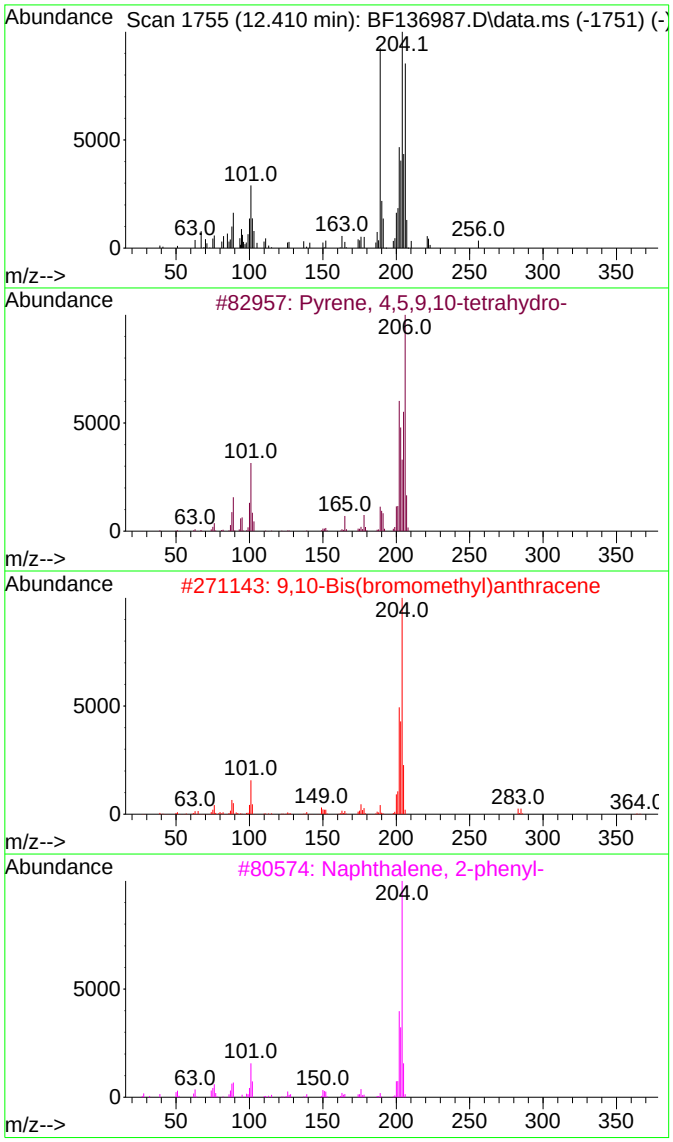
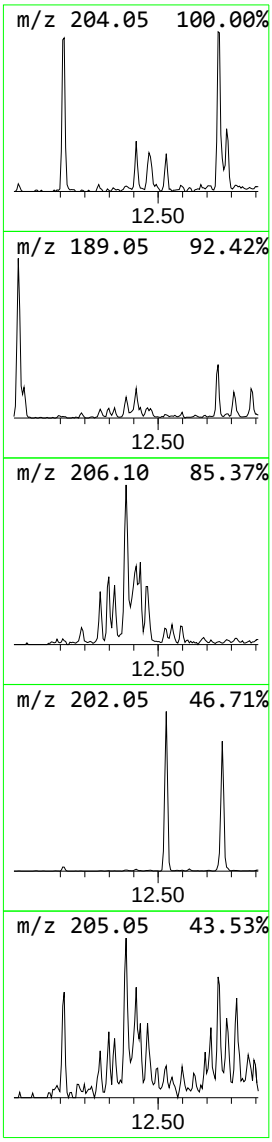
Peak Number 11 unknown12.410 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	3.89 ng	72006	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	42
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	30
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	25





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Sample : P1040-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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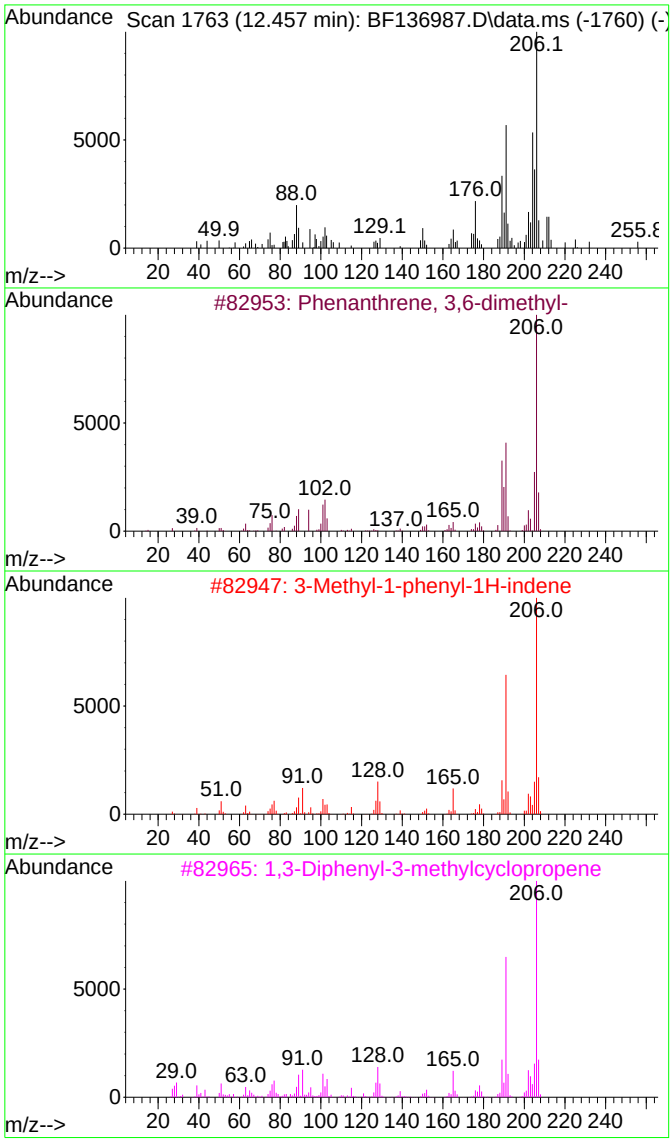
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

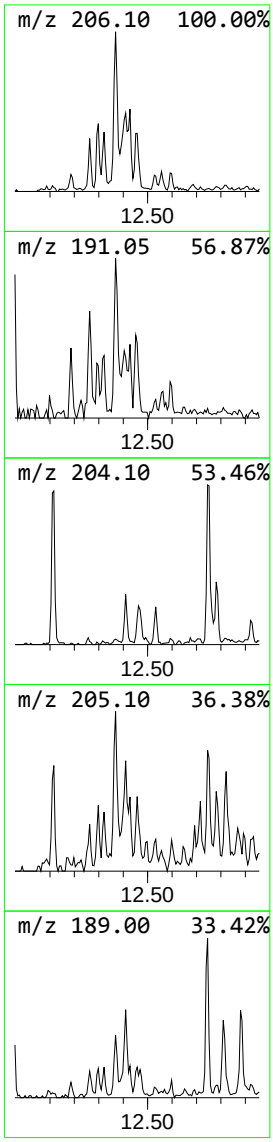
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 3-Methyl-1-phenyl-1H-indene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	3.46 ng	64160	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55
2	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	55
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	55
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	53
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	53





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ALS Vial : 22 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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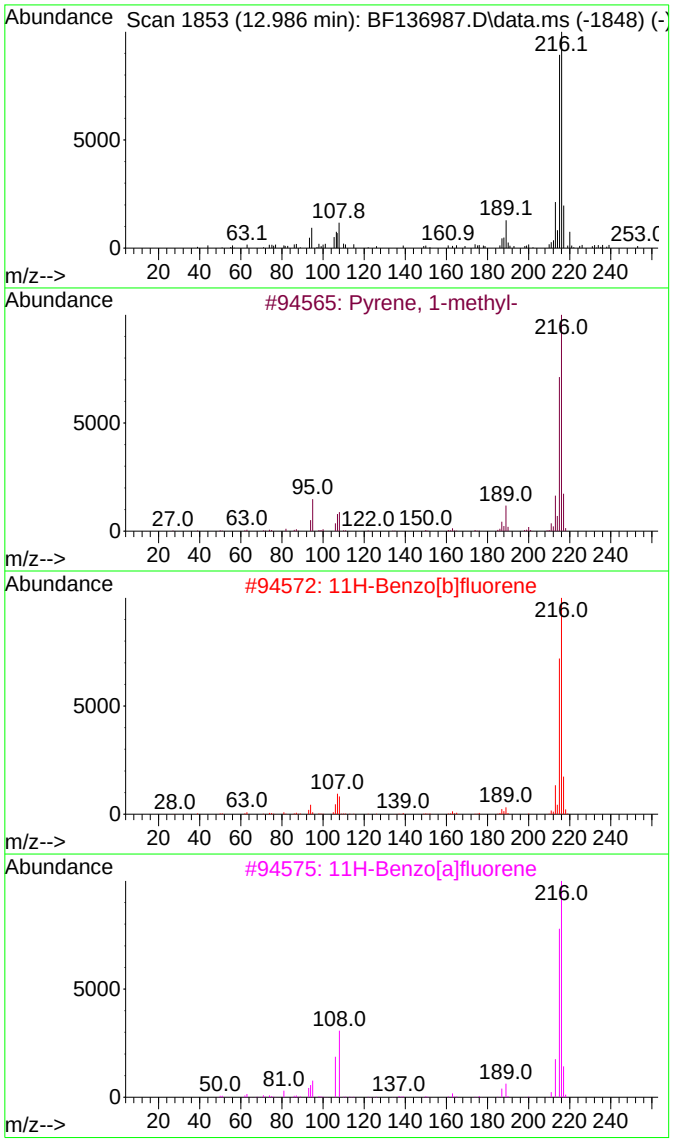
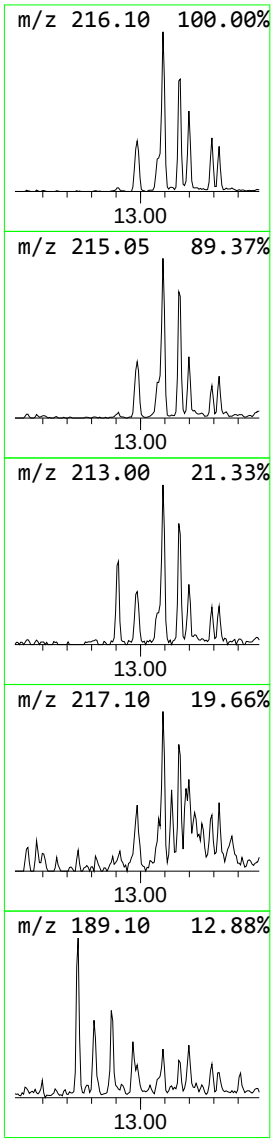
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.986	2.56 ng	108269	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	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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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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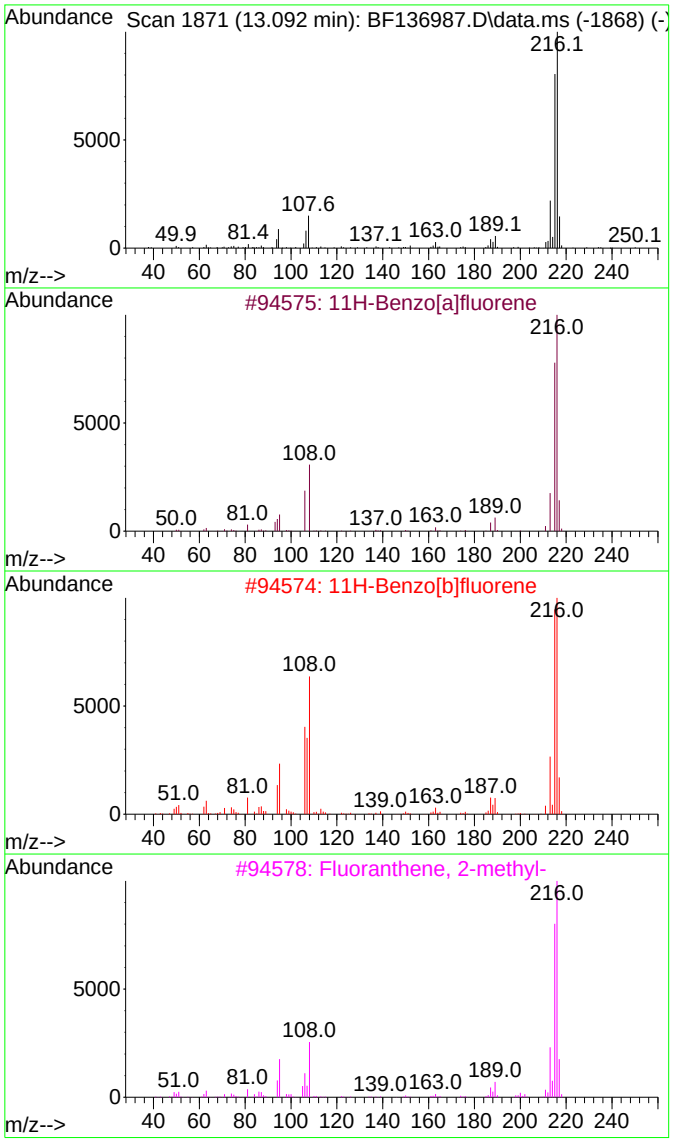
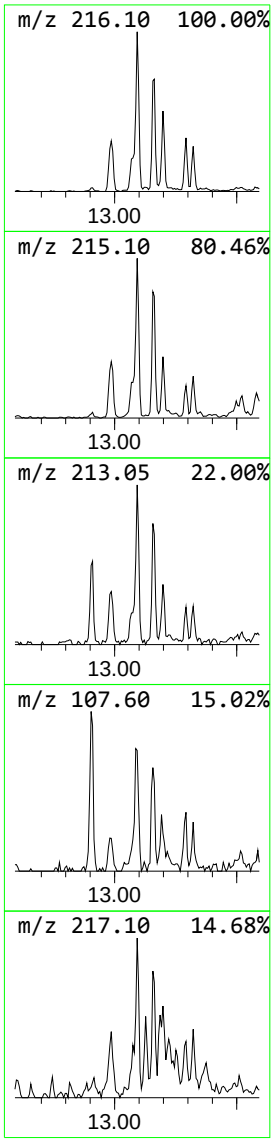
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	3.87 ng	163827	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80





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ALS Vial : 22 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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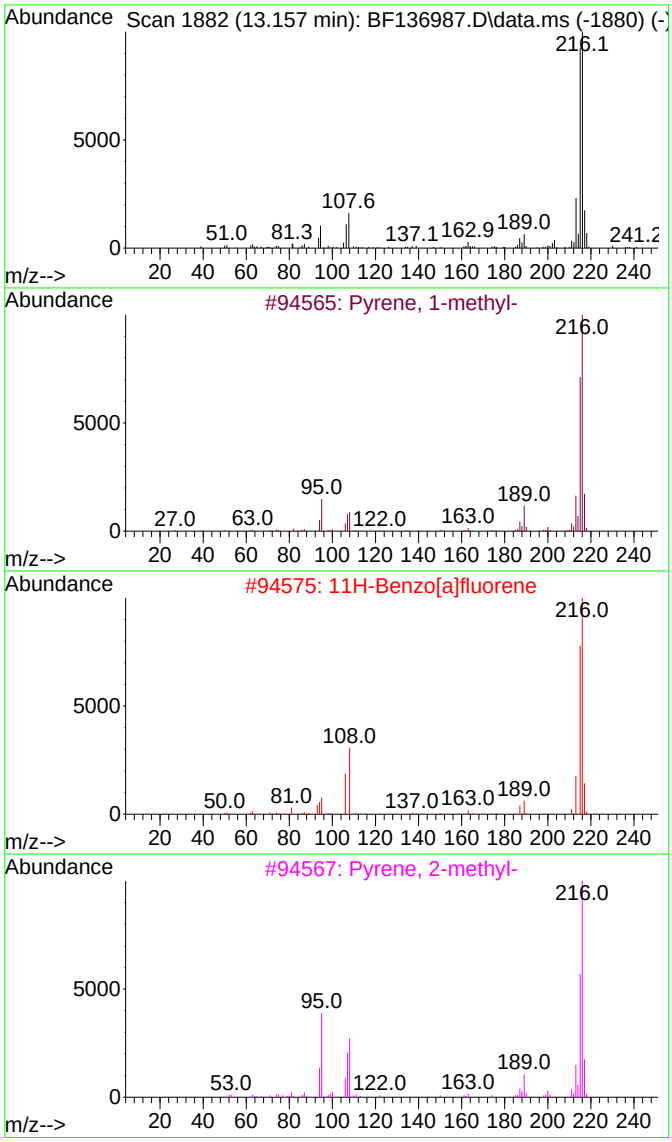
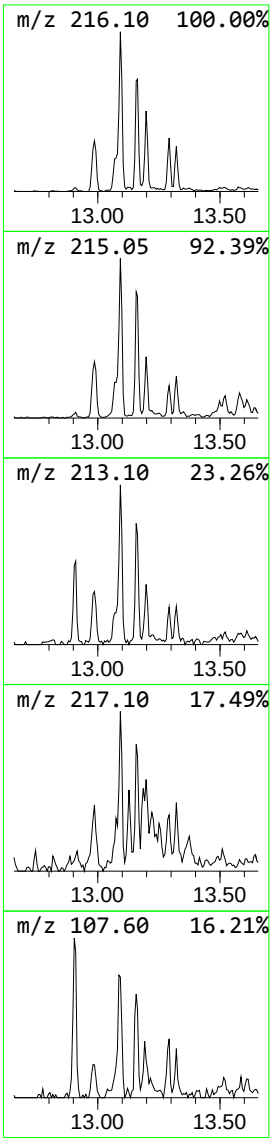
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	2.72 ng	115196	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[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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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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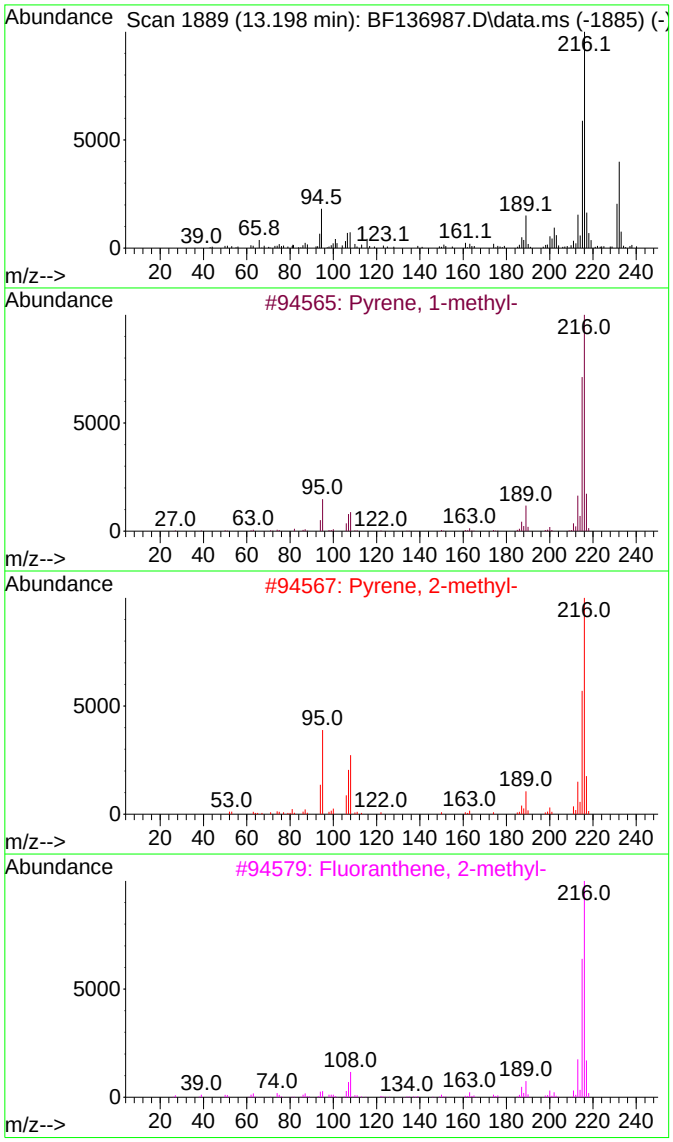
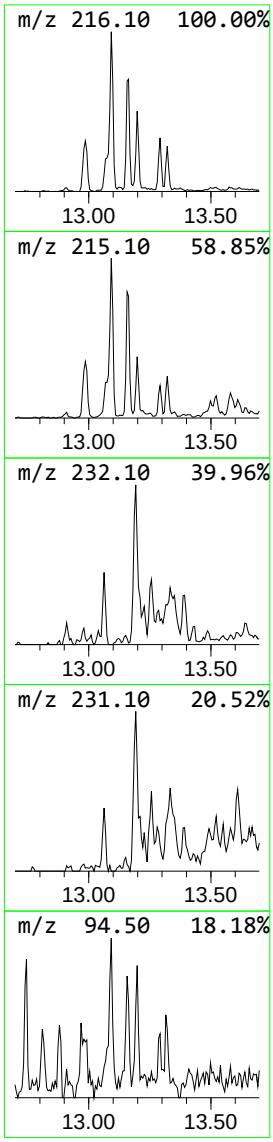
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	3.19 ng	135276	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	55
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	50





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Acq On : 05 Jan 2024 21:05
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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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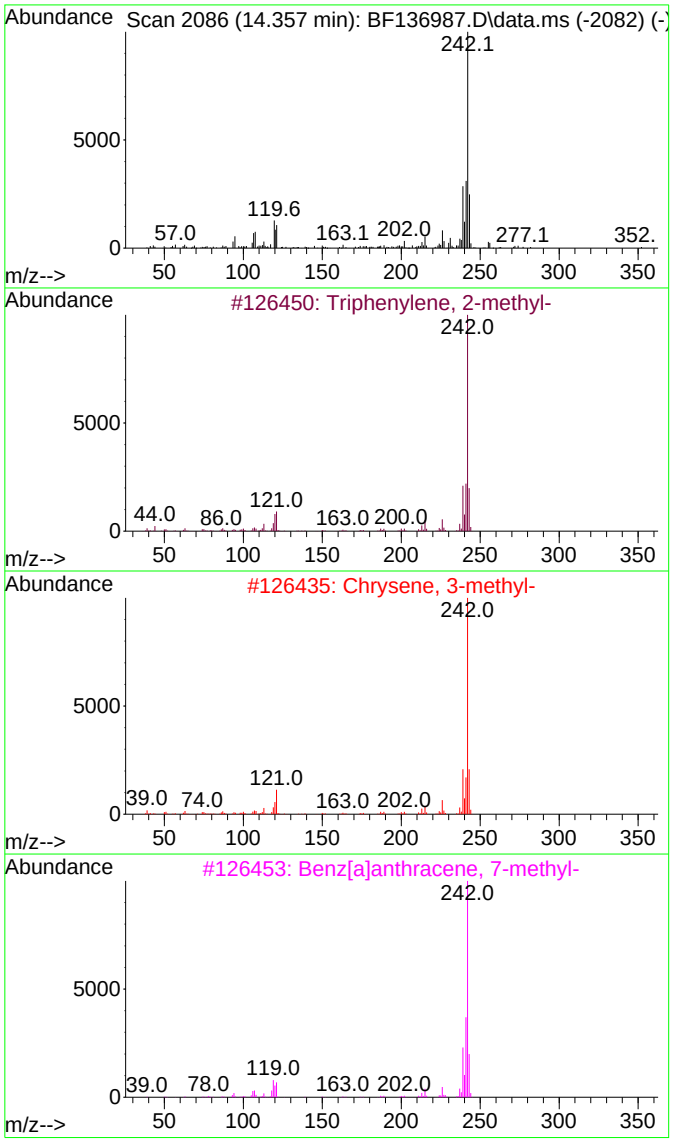
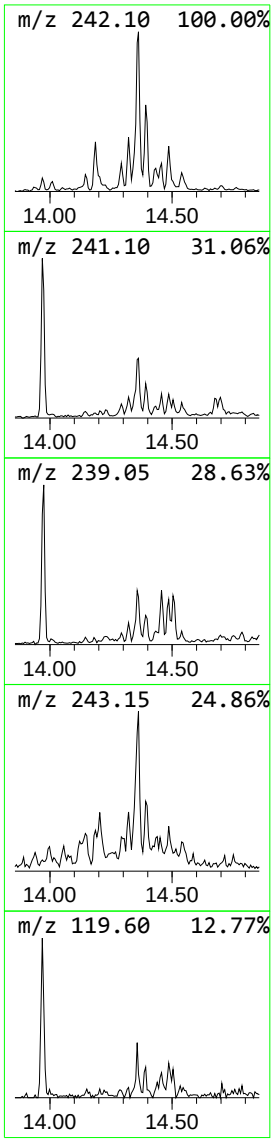
Peak Number 17 Triphenylene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.357	3.36 ng	142495	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2	Chrysene, 3-methyl-	242	C19H14	003351-31-3	96
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
5	Benz[a]anthracene, 4-methyl-	242	C19H14	000316-49-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136987.D
Acq On : 05 Jan 2024 21:05
Operator : CG\JU
Sample : P1040-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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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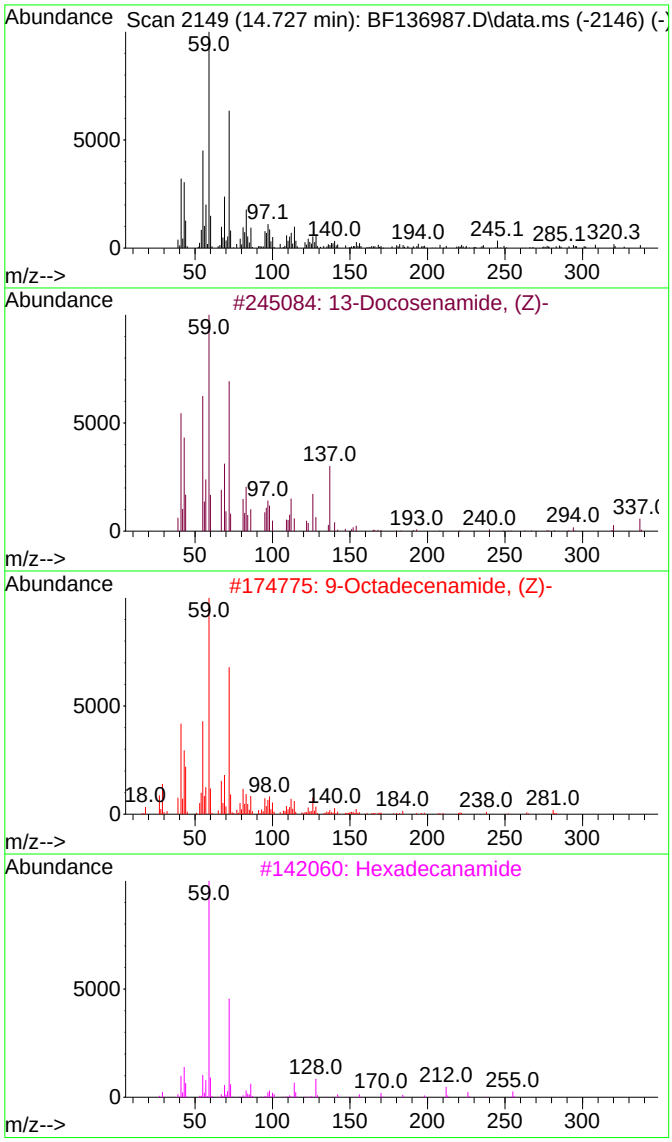
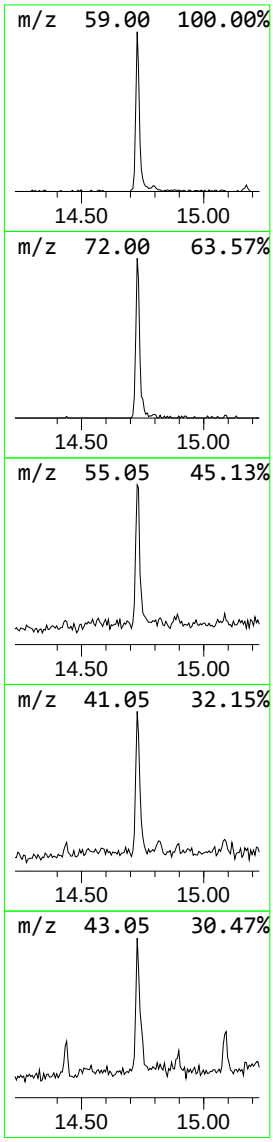
Peak Number 18 13-Docosenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	13.58 ng	204636	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3	Hexadecanamide	255	C16H33NO	000629-54-9	72
4	Octadecanamide	283	C18H37NO	000124-26-5	59
5	Nonanamide	157	C9H19NO	001120-07-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136987.D
Acq On : 05 Jan 2024 21:05
Operator : CG\JU
Sample : P1040-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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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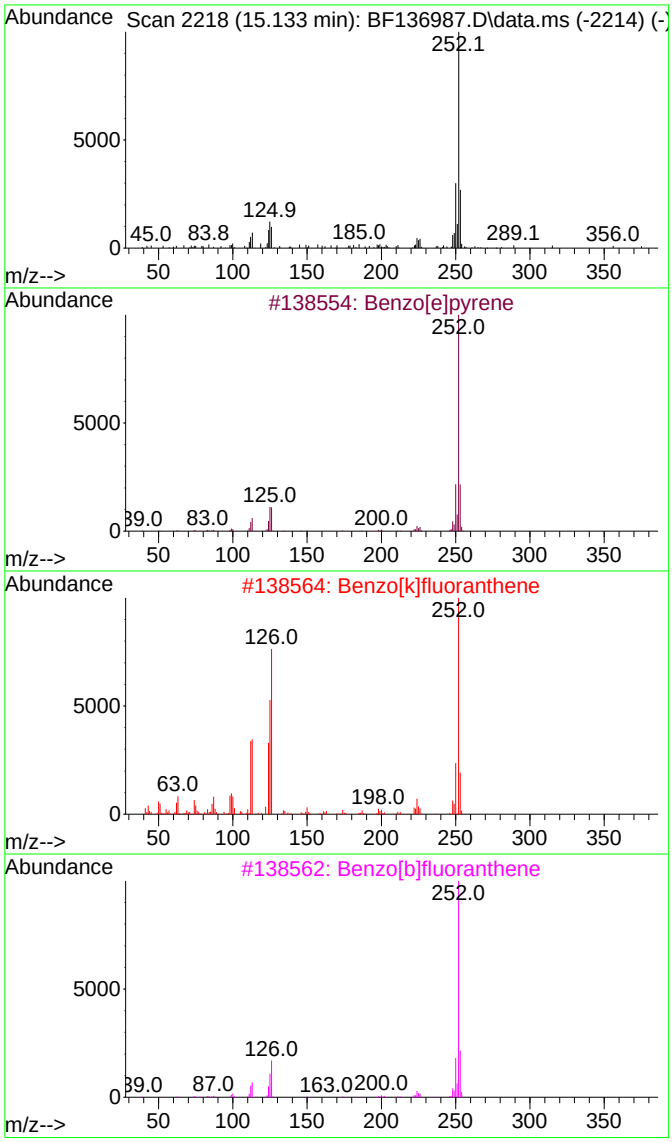
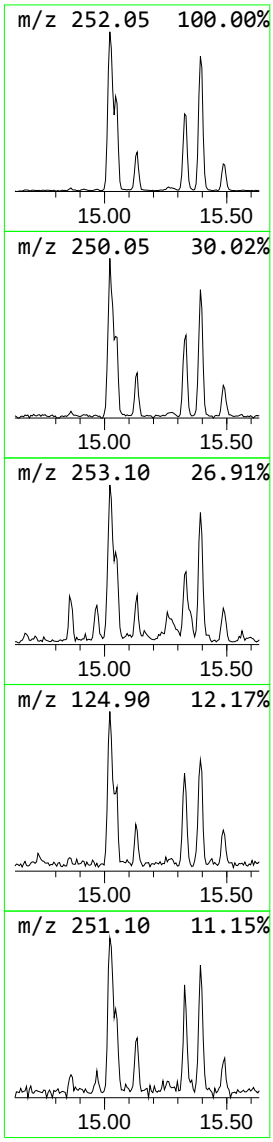
Peak Number 19 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.133	3.40 ng	51235	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136987.D
Acq On : 05 Jan 2024 21:05
Operator : CG\JU
Sample : P1040-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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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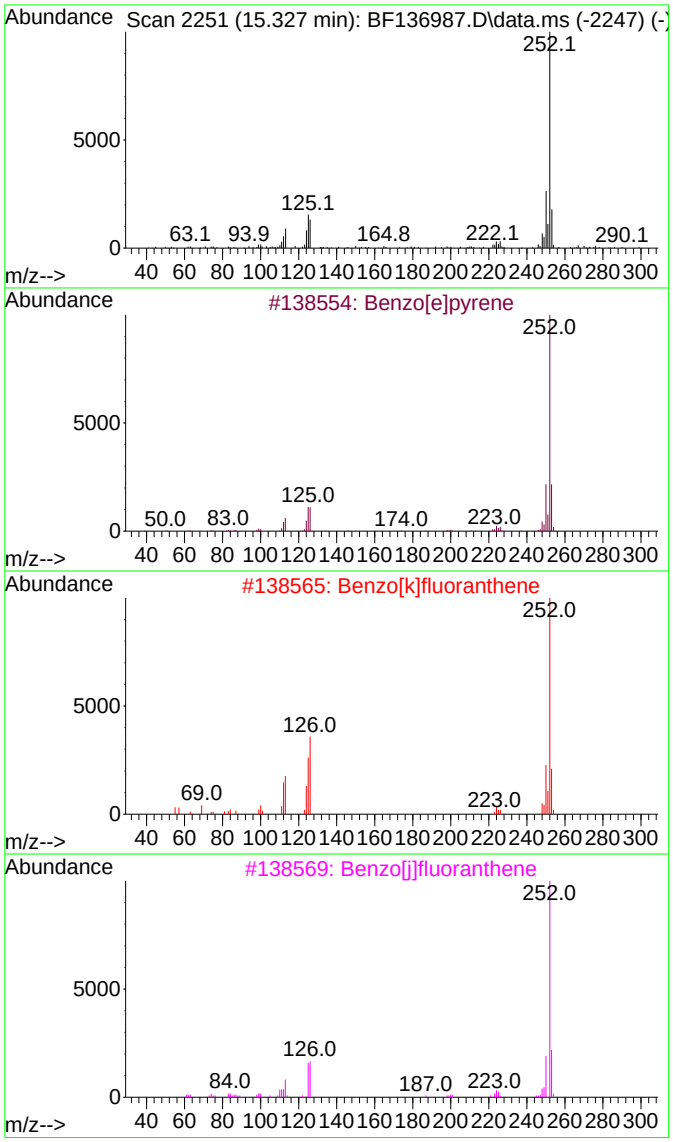
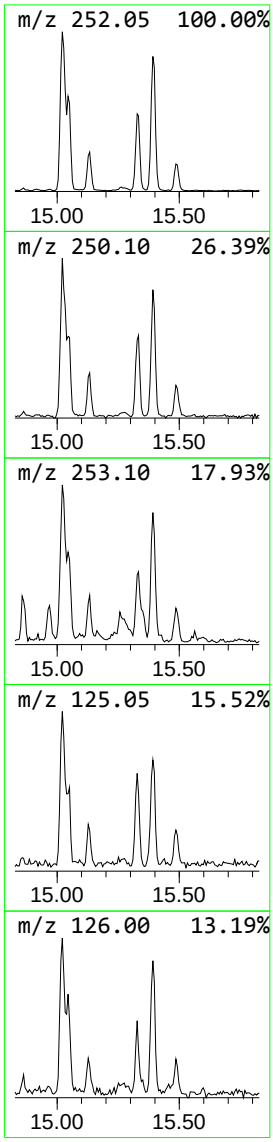
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	8.93 ng	134650	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	89
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136987.D
Acq On : 05 Jan 2024 21:05
Operator : CG\JU
Sample : P1040-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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-...	5.022	13.7	ng	204088	1	6.781	298831	20.0
9H-Fluorene, 2-...	10.916	2.7	ng	50401	4	11.310	370411	20.0
4-(4-Methylphen...	11.157	2.9	ng	53267	4	11.310	370411	20.0
Phenanthrene, 1...	11.816	5.9	ng	108665	4	11.310	370411	20.0
Anthracene, 2-m...	11.845	13.6	ng	251160	4	11.310	370411	20.0
Phenanthrene, 3...	11.892	5.0	ng	92649	4	11.310	370411	20.0
4H-Cyclopenta[d...	11.928	9.6	ng	177072	4	11.310	370411	20.0
Phenanthrene, 2...	11.951	4.1	ng	76553	4	11.310	370411	20.0
Tricyclo[8.2.2....	12.110	3.0	ng	56016	4	11.310	370411	20.0
Phenanthrene, 3...	12.369	4.4	ng	81425	4	11.310	370411	20.0
unknown12.410	12.410	3.9	ng	72006	4	11.310	370411	20.0
3-Methyl-1-phen...	12.457	3.5	ng	64160	4	11.310	370411	20.0
Pyrene, 1-methyl-	12.986	2.6	ng	108269	5	13.969	847322	20.0
11H-Benzo[a]flu...	13.092	3.9	ng	163827	5	13.969	847322	20.0
11H-Benzo[b]flu...	13.157	2.7	ng	115196	5	13.969	847322	20.0
Pyrene, 2-methyl-	13.198	3.2	ng	135276	5	13.969	847322	20.0
Triphenylene, 2...	14.357	3.4	ng	142495	5	13.969	847322	20.0
13-Docosenamide...	14.727	13.6	ng	204636	6	15.457	301441	20.0
Benzo[e]pyrene	15.133	3.4	ng	51235	6	15.457	301441	20.0
Benzo[j]fluoran...	15.327	8.9	ng	134650	6	15.457	301441	20.0