LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130658.D
Acq On : 13 Oct 2022 21:12
Operator : CG\JU
Sample : N5108-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-2-101222

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-BF101122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130658.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.187	524	527	546	rBV	501232	537486	5.87%	0.594%
2	6.234	702	705	717	rBV	494946	505327	5.52%	0.558%
3	6.587	762	765	772	rVB	444880	361982	3.95%	0.400%
4	7.151	858	861	866	rBV	334951	287367	3.14%	0.318%
5	7.869	978	983	985	rBV	501435	470669	5.14%	0.520%
6	7.892	985	987	990	rVB	1416665	997646	10.89%	1.102%
7	8.581	1101	1104	1107	rVB	893169	653157	7.13%	0.722%
8	8.681	1116	1121	1124	rVB	630826	504433	5.51%	0.557%
9	8.945	1162	1166	1169	rVB	644186	482044	5.26%	0.533%
10	9.045	1175	1183	1186	rBV2	149122	163672	1.79%	0.181%
11	9.210	1206	1211	1214	rBV	223761	295627	3.23%	0.327%
12	9.281	1219	1223	1225	rVV	367995	366728	4.00%	0.405%
13	9.304	1225	1227	1231	rVV	267836	223604	2.44%	0.247%
14	9.392	1237	1242	1248	rVB	168472	210936	2.30%	0.233%
15	9.481	1253	1257	1262	rVB	526018	454424	4.96%	0.502%
16	9.616	1274	1280	1283	rBV2	519597	503181	5.49%	0.556%
17	9.651	1283	1286	1290	rVB	1400407	1086655	11.86%	1.201%
18	9.822	1311	1315	1318	rVV	1120443	883081	9.64%	0.976%
19	10.169	1370	1374	1379	rVB	1949156	1721733	18.80%	1.902%
20	10.228	1379	1384	1385	rBV	158697	181144	1.98%	0.200%
21	10.245	1385	1387	1390	rVB	179430	150154	1.64%	0.166%
22	10.322	1397	1400	1403	rVB	281636	251275	2.74%	0.278%
23	10.404	1408	1414	1418	rBV2	703560	752413	8.21%	0.831%
24	10.528	1431	1435	1442	rVB4	119426	168681	1.84%	0.186%
25	10.710	1459	1466	1468	rBV2	348857	404261	4.41%	0.447%
26	10.733	1468	1470	1473	rVV	174173	164632	1.80%	0.182%
27	10.951	1503	1507	1510	rBV	145615	164544	1.80%	0.182%
28	10.992	1511	1514	1521	rVB	647013	650919	7.11%	0.719%
29	11.139	1533	1539	1542	rVB	6279849	8644522	94.37%	9.552%
30	11.186	1542	1547	1549	rVB	2416840	2172825	23.72%	2.401%
31	11.210	1549	1551	1554	rVB	203023	177595	1.94%	0.196%
32	11.339	1568	1573	1580	rBV	1262397	1137425	12.42%	1.257%
33	11.398	1580	1583	1586	rBV4	173079	192838	2.11%	0.213%
34	11.427	1586	1588	1594	rVB3	170442	192917	2.11%	0.213%
35	11.510	1599	1602	1606	rVB	152656	163807	1.79%	0.181%
36	11.598	1613	1617	1620	rBV	964159	992273	10.83%	1.096%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130658.D
Acq On : 13 Oct 2022 21:12
Operator : CG\JU
Sample : N5108-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-101222

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-BF101122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.633	1620	1623	1626	rVB	1324476	1203118	13.13%	1.329%
38	11.680	1627	1631	1633	rBV	467655	447900	4.89%	0.495%
39	11.716	1633	1637	1639	rBV	1843435	1919672	20.96%	2.121%
40	11.898	1665	1668	1670	rBV	623696	535092	5.84%	0.591%
41	11.927	1670	1673	1676	rVB	393260	352714	3.85%	0.390%
42	12.039	1687	1692	1695	rBV2	190452	237816	2.60%	0.263%
43	12.075	1695	1698	1700	rVV	281540	237936	2.60%	0.263%
44	12.098	1700	1702	1706	rVB	188198	165514	1.81%	0.183%
45	12.151	1707	1711	1713	rBV	539577	599905	6.55%	0.663%
46	12.186	1713	1717	1719	rVV2	329991	427509	4.67%	0.472%
47	12.245	1723	1727	1732	rBV2	235992	311453	3.40%	0.344%
48	12.333	1734	1742	1744	rBV	6606907	9012079	98.39%	9.958%
49	12.404	1752	1754	1759	rVB	233701	232595	2.54%	0.257%
50	12.463	1760	1764	1767	rBV	440429	476935	5.21%	0.527%
51	12.557	1773	1780	1783	rBV3	5585202	9159963	100.00%	10.122%
52	12.592	1783	1786	1790	rVB2	412394	471051	5.14%	0.521%
53	12.657	1793	1797	1799	rBV	476907	490561	5.36%	0.542%
54	12.680	1799	1801	1803	rVV	603051	563922	6.16%	0.623%
55	12.698	1803	1804	1808	rVB	354479	306907	3.35%	0.339%
56	12.757	1808	1814	1818	rBV2	502887	857811	9.36%	0.948%
57	12.869	1825	1833	1836	rVB	1412542	2140024	23.36%	2.365%
58	12.939	1836	1845	1847	rBV	1564627	1747451	19.08%	1.931%
59	12.974	1847	1851	1853	rBV2	719133	788427	8.61%	0.871%
60	13.027	1858	1860	1863	rVV	171506	182750	2.00%	0.202%
61	13.063	1863	1866	1868	rVV	426517	386872	4.22%	0.427%
62	13.092	1868	1871	1879	rVB2	463608	581787	6.35%	0.643%
63	13.263	1897	1900	1903	rVV3	345251	447380	4.88%	0.494%
64	13.286	1903	1904	1907	rVV2	247710	229420	2.50%	0.254%
65	13.345	1911	1914	1917	rBV	254827	317645	3.47%	0.351%
66	13.374	1917	1919	1923	rVB4	161584	196420	2.14%	0.217%
67	13.486	1933	1938	1940	rBV	507525	587445	6.41%	0.649%
68	13.510	1940	1942	1944	rBV	516864	380581	4.15%	0.421%
69	13.533	1944	1946	1948	rBV	370273	309762	3.38%	0.342%
70	13.592	1953	1956	1958	rVB2	377284	368445	4.02%	0.407%
71	13.733	1973	1980	1984	rBV3	3075058	5098237	55.66%	5.633%
72	13.774	1984	1987	1993	rVB	2919220	2830695	30.90%	3.128%
73	13.845	1996	1999	2001	rVV	820700	655792	7.16%	0.725%
74	13.886	2003	2006	2007	rVV	306147	278920	3.04%	0.308%
75	13.904	2007	2009	2012	rVV2	575701	574728	6.27%	0.635%
76	13.933	2012	2014	2015	rVV	195572	169612	1.85%	0.187%

LSC Area Percent Report

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Operator : CG\JU
Sample : N5108-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-101222

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-BF101122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.968	2018	2020	2022	rVB	278100	202000	2.21%	0.223%
78	14.080	2037	2039	2042	rVV	341310	377370	4.12%	0.417%
79	14.121	2042	2046	2049	rVV	634882	770935	8.42%	0.852%
80	14.151	2049	2051	2056	rVV2	281724	357826	3.91%	0.395%
81	14.210	2058	2061	2064	rVV3	834546	991909	10.83%	1.096%
82	14.245	2064	2067	2069	rVV2	378141	445091	4.86%	0.492%
83	14.268	2069	2071	2074	rVV	448567	402437	4.39%	0.445%
84	14.316	2077	2079	2084	rVB2	217494	227270	2.48%	0.251%
85	14.433	2096	2099	2104	rBV4	128719	271865	2.97%	0.300%
86	14.504	2108	2111	2119	rVV2	510733	632014	6.90%	0.698%
87	14.592	2123	2126	2132	rBV	204878	259135	2.83%	0.286%
88	14.745	2146	2152	2154	rBV	1907845	2899082	31.65%	3.203%
89	14.804	2159	2162	2164	rVV	426626	415282	4.53%	0.459%
90	14.833	2164	2167	2170	rVB	473686	437550	4.78%	0.483%
91	15.010	2192	2197	2202	rVB	1086782	1341056	14.64%	1.482%
92	15.074	2202	2208	2211	rVV	1720900	2162990	23.61%	2.390%
93	15.115	2212	2215	2217	rVV	280758	354339	3.87%	0.392%
94	15.145	2217	2220	2226	rVB2	633364	872076	9.52%	0.964%
95	15.510	2279	2282	2286	rBV2	118548	150355	1.64%	0.166%
96	15.610	2296	2299	2303	rVB2	137055	159181	1.74%	0.176%
97	16.421	2430	2437	2443	rBV	701852	1275731	13.93%	1.410%
98	16.562	2457	2461	2466	rBV	143100	282708	3.09%	0.312%
99	16.809	2496	2503	2516	rBV	531587	1095041	11.95%	1.210%
100	17.015	2533	2538	2552	rVB	225316	561152	6.13%	0.620%

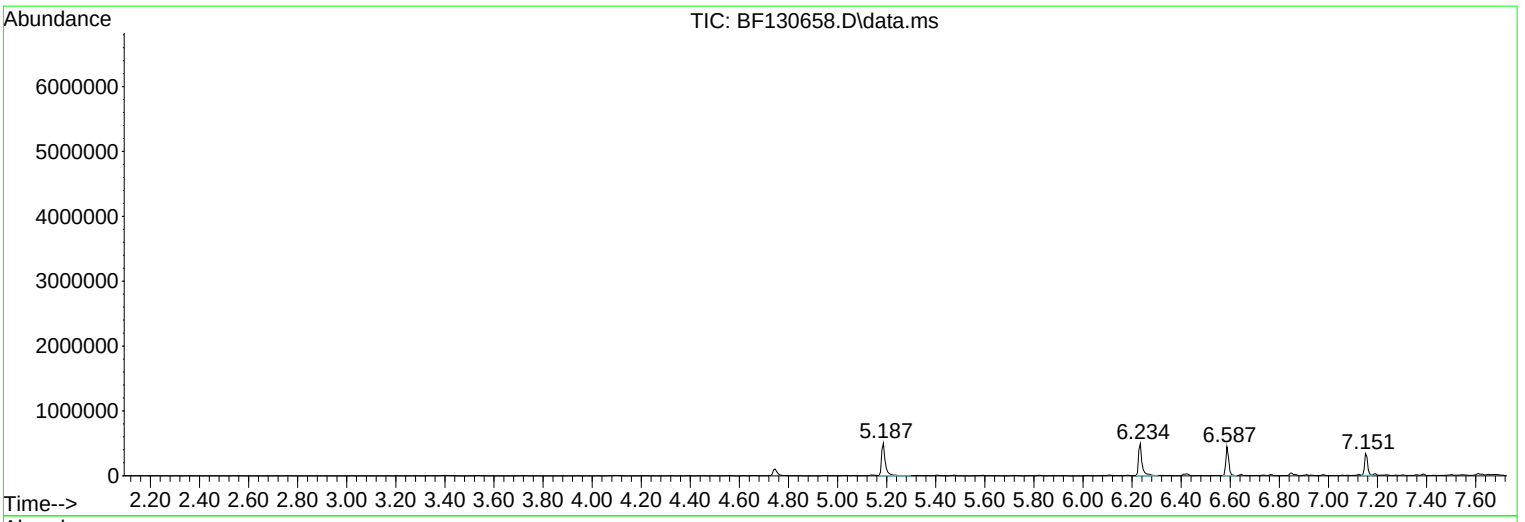
Sum of corrected areas: 90499218

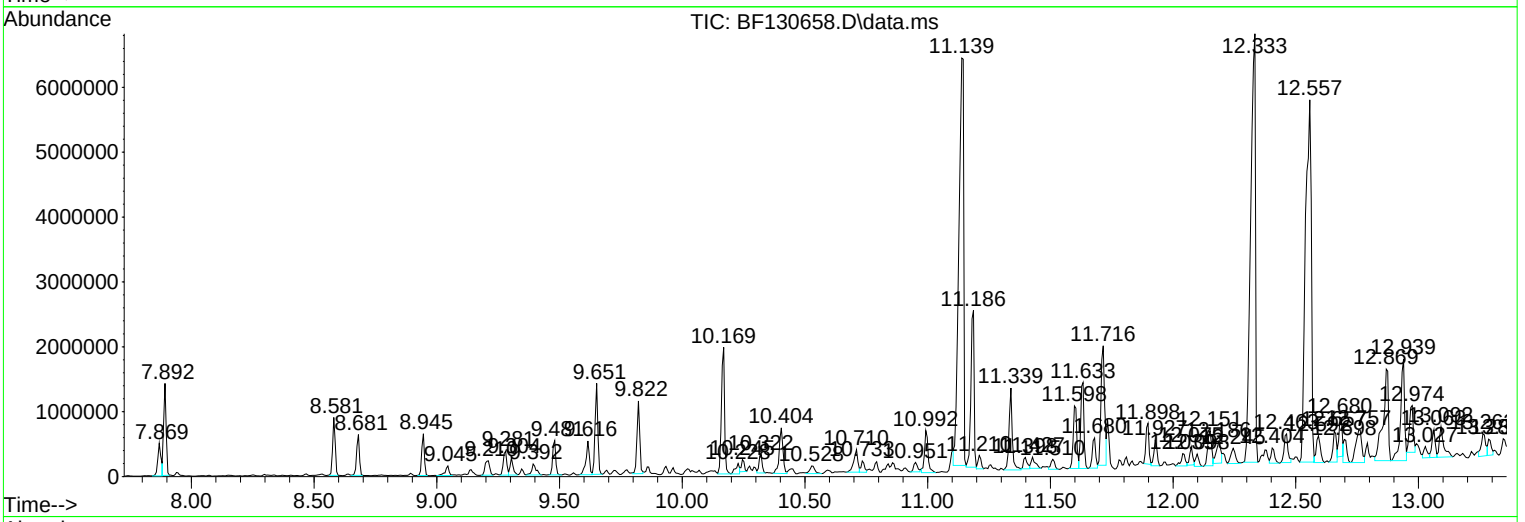
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130658.D
Acq On : 13 Oct 2022 21:12
Operator : CG\JU
Sample : N5108-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

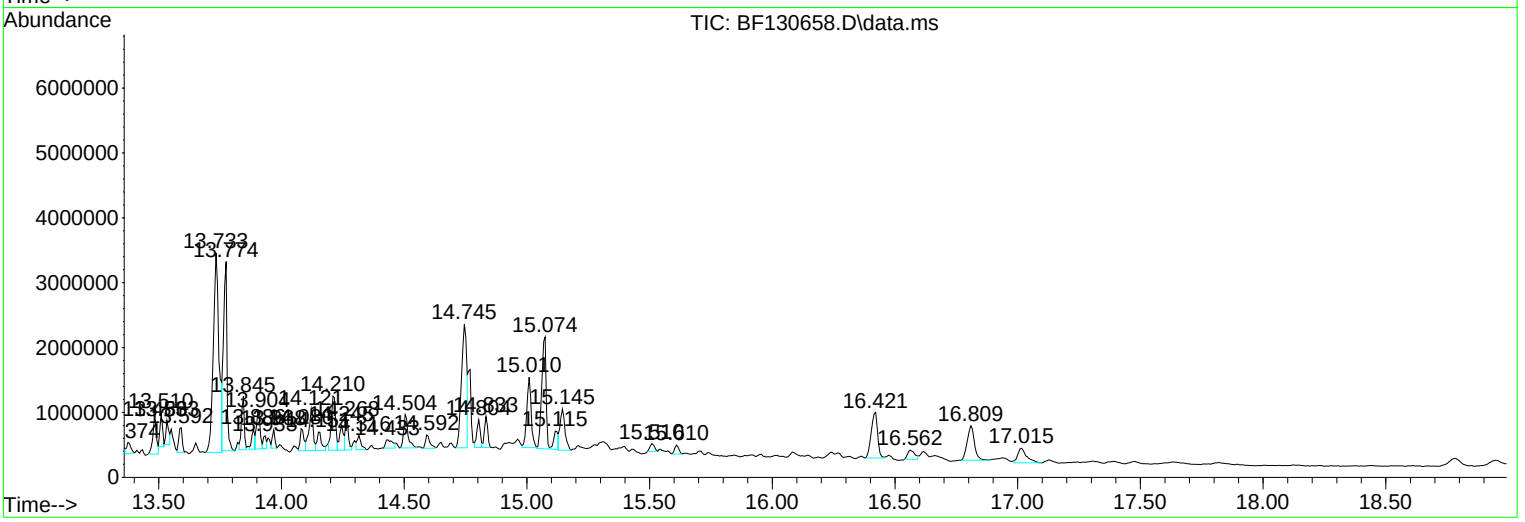
Instrument :
BNA_F
ClientSampleId :
OR-2-101222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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\BF101322\
Data File : BF130658.D
Acq On : 13 Oct 2022 21:12
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Instrument :
BNA_F
ClientSampleId :
OR-2-101222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

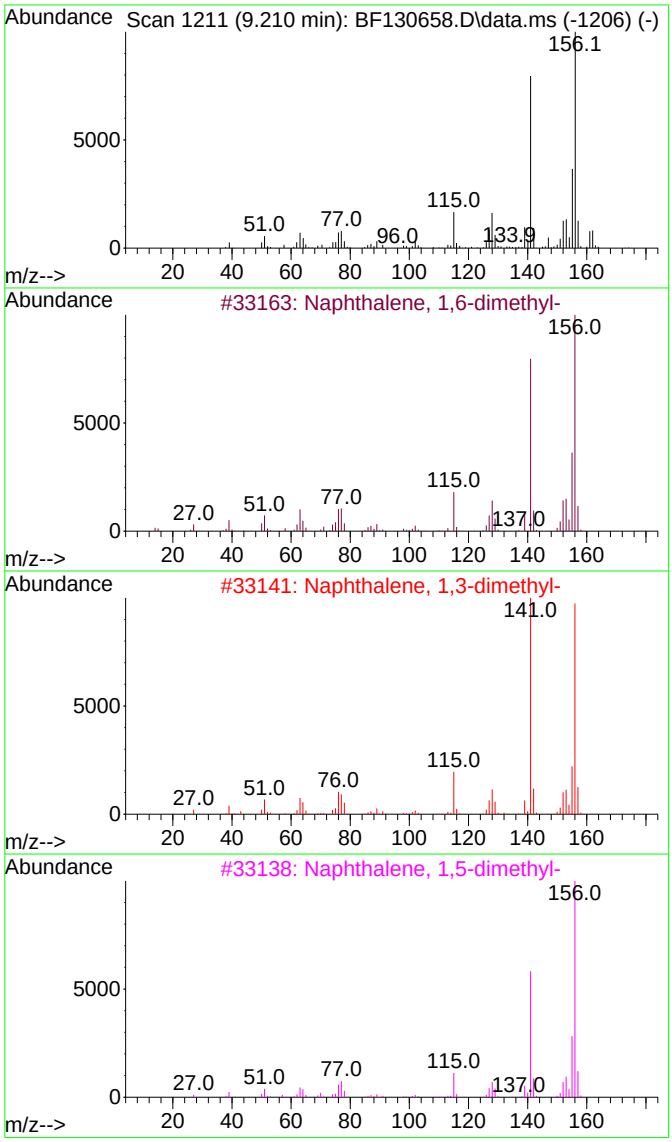
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

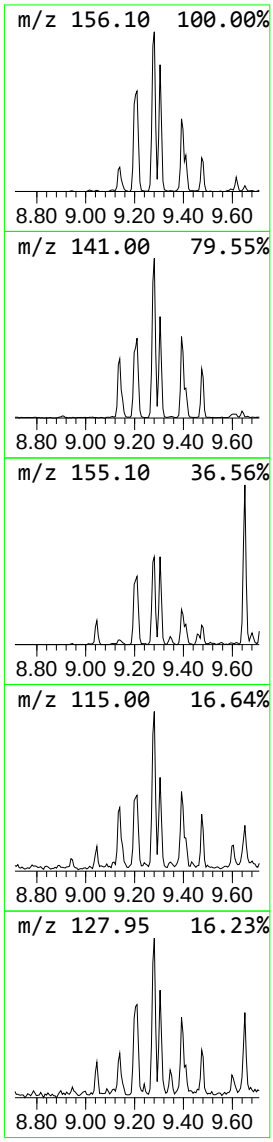
****

Peak Number 1 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.210	11.75 ng	295627	Acenaphthene-d10	9.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130658.D
Acq On : 13 Oct 2022 21:12
Operator : CG\JU
Sample : N5108-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-101222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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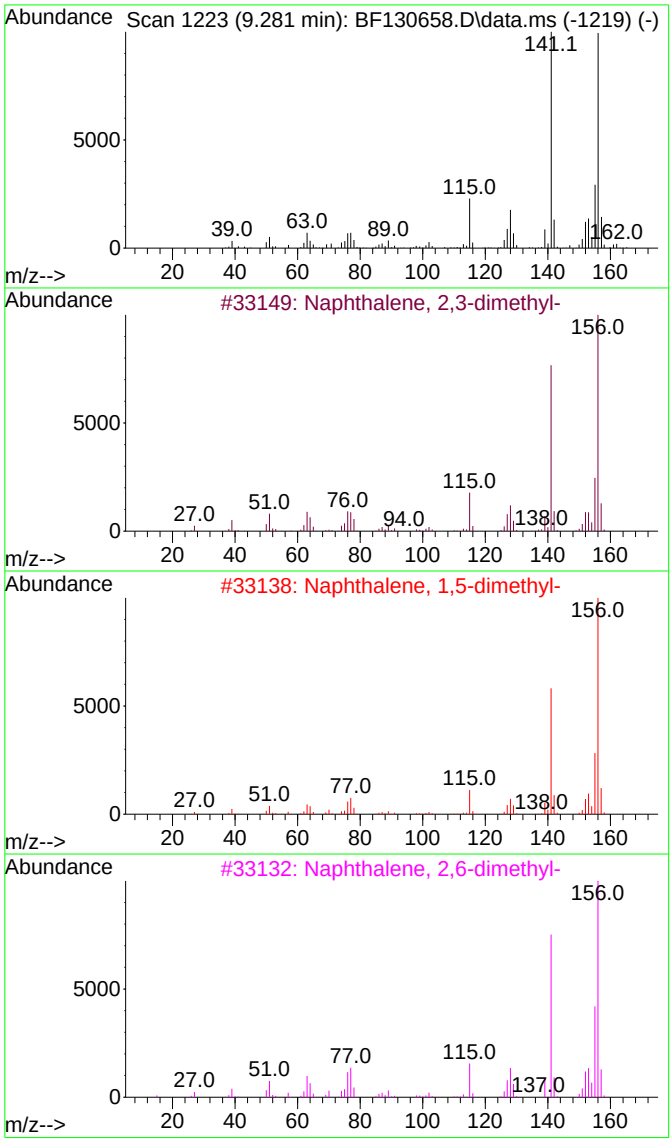
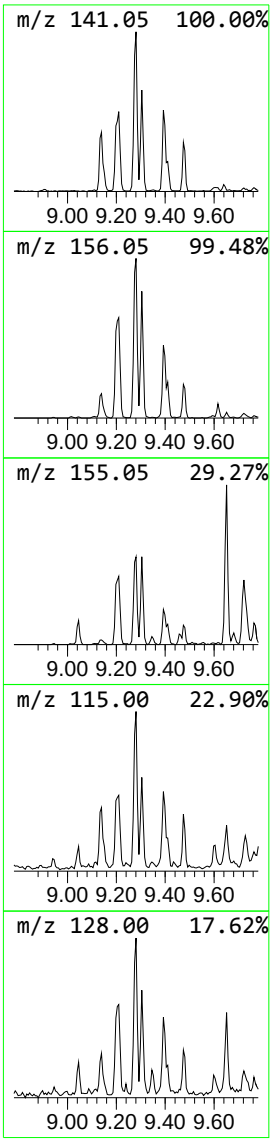
Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.281	14.58 ng	366728	Acenaphthene-d10	9.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130658.D
Acq On : 13 Oct 2022 21:12
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Sample : N5108-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-101222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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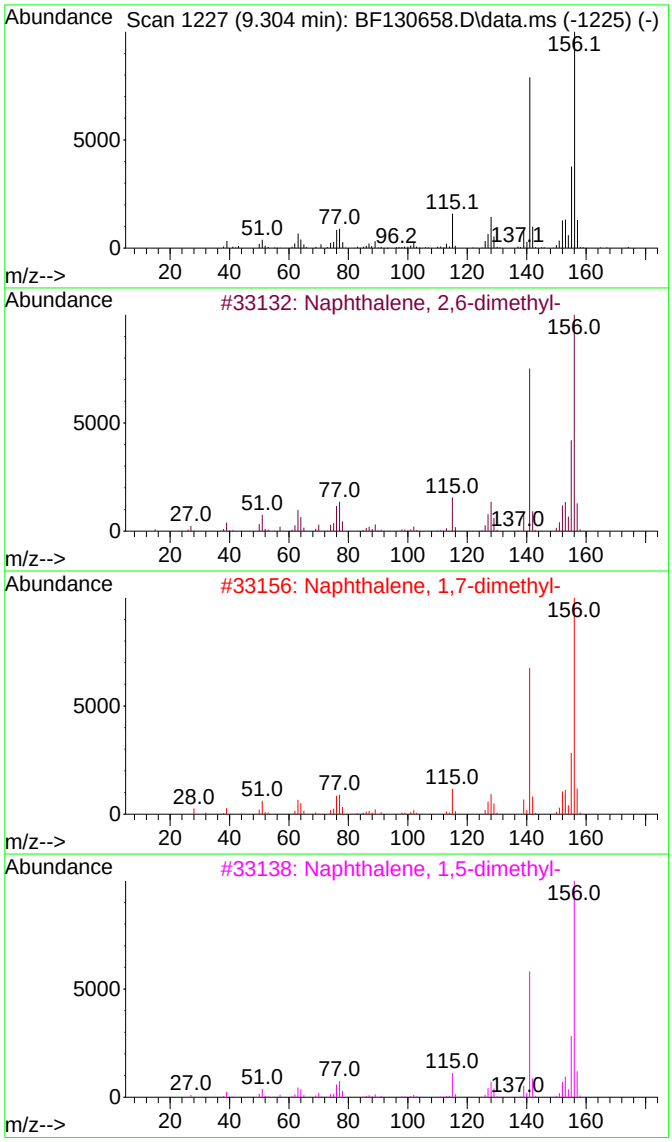
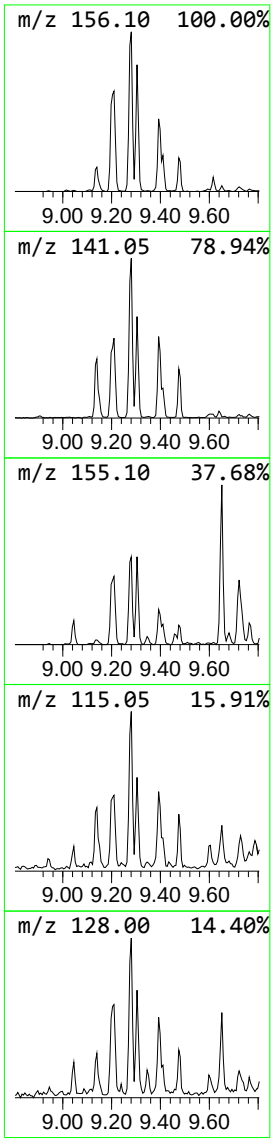
Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.304	8.89 ng	223604	Acenaphthene-d10	9.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130658.D
Acq On : 13 Oct 2022 21:12
Operator : CG\JU
Sample : N5108-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-101222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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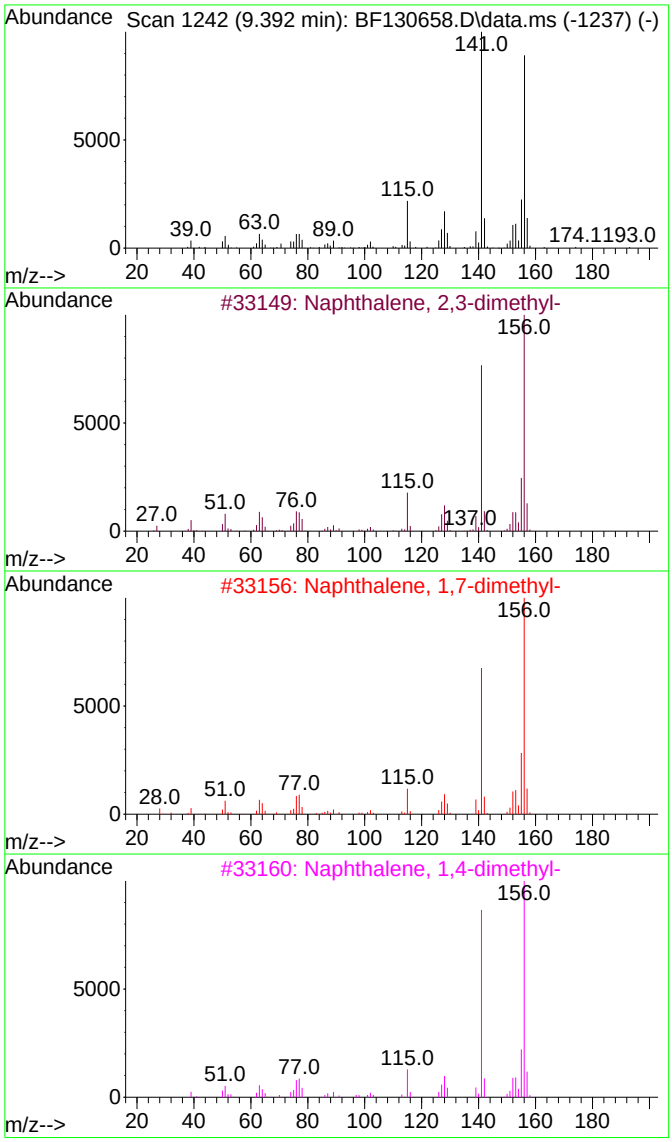
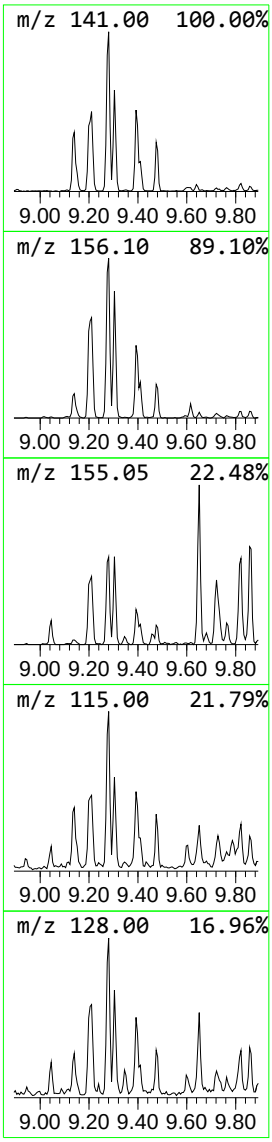
Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.392	8.38 ng	210936	Acenaphthene-d10	9.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130658.D
Acq On : 13 Oct 2022 21:12
Operator : CG\JU
Sample : N5108-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-101222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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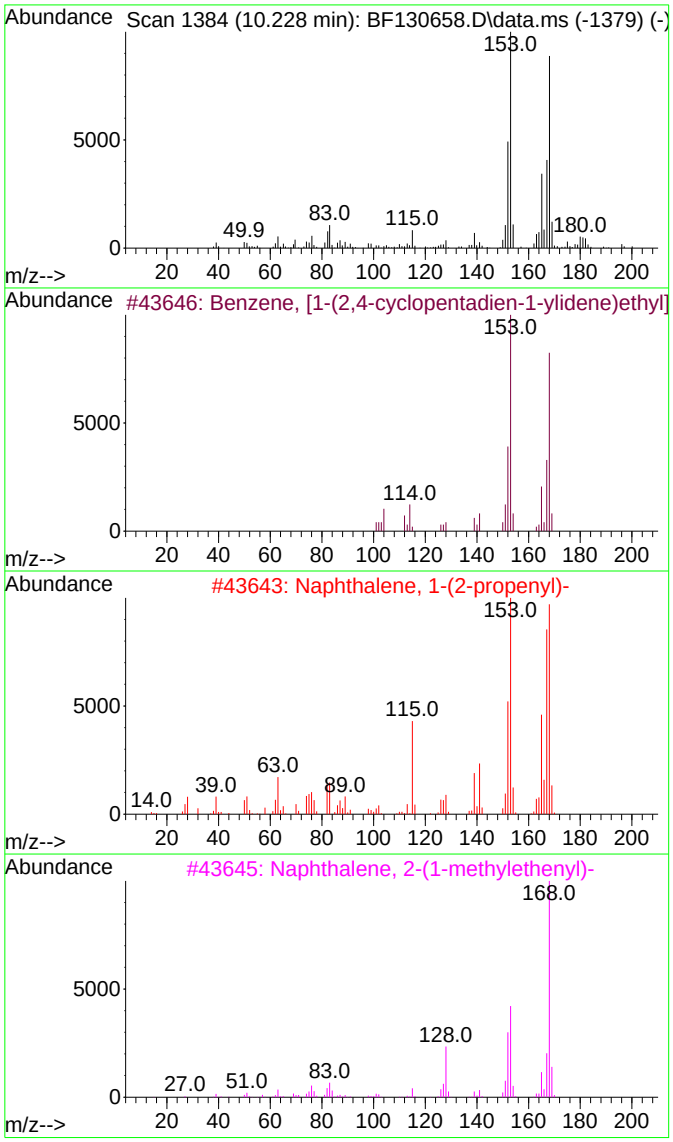
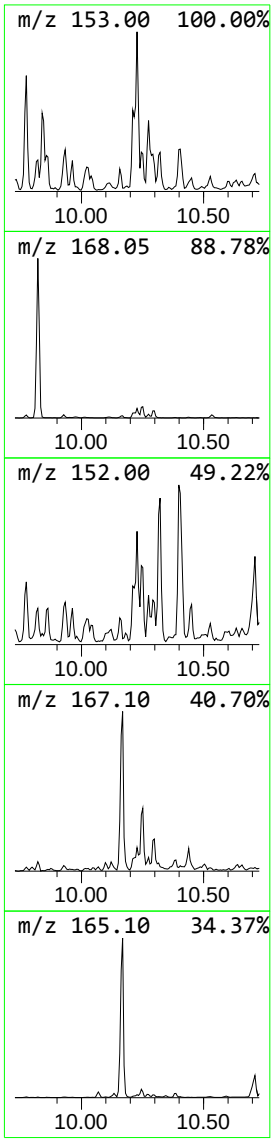
Peak Number 5 Benzene, [1-(2,4-cyclopenta... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.228	7.20 ng	181144	Acenaphthene-d10	9.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53
4	5-Acetyl-2-methyl-3-thiophenecar...	168	C8H8O2S	090345-55-4	49
5	2-Fluoro-4-methoxyacetophenone	168	C9H9FO2	074457-86-6	47





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Operator : CG\JU
Sample : N5108-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-101222

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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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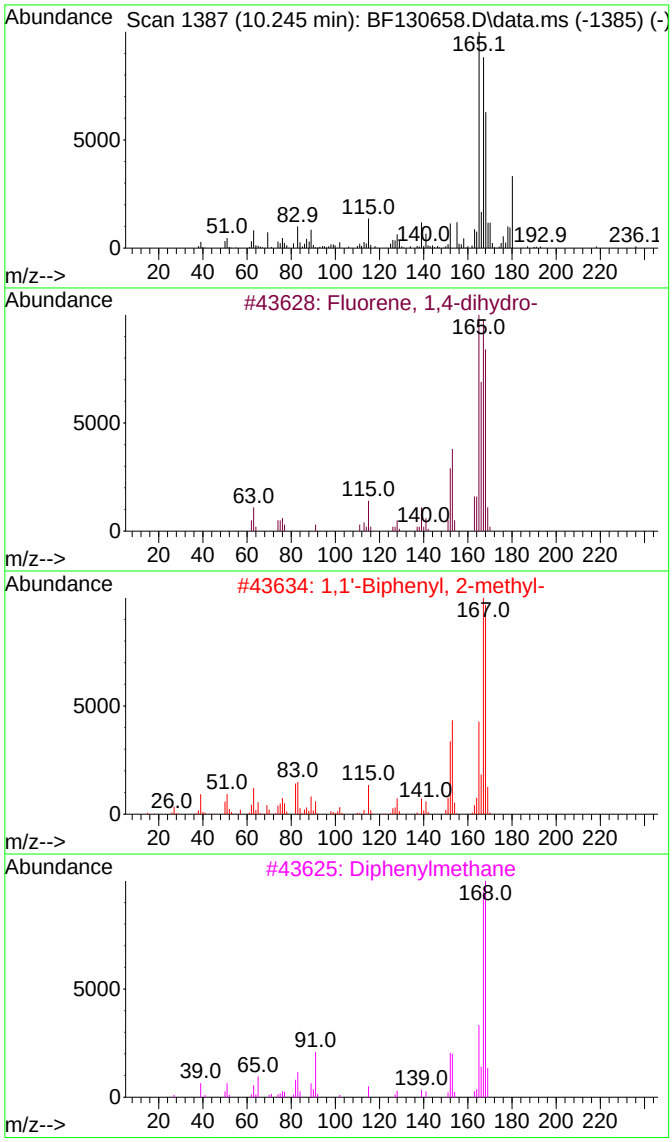
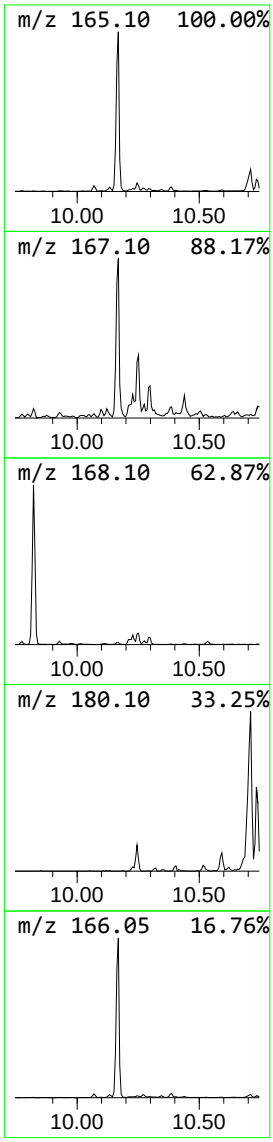
Peak Number 6 unknown10.245 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.245	5.97 ng	150154	Acenaphthene-d10	9.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	46
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	45
3	Diphenylmethane	168	C13H12	000101-81-5	43
4	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	41
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	38





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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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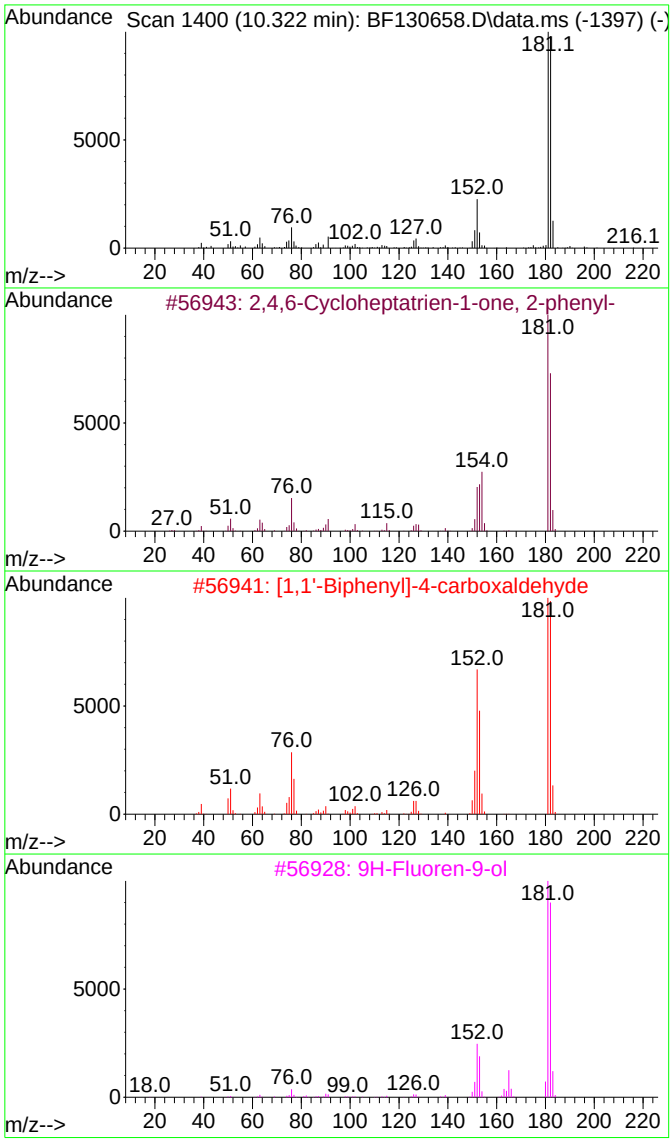
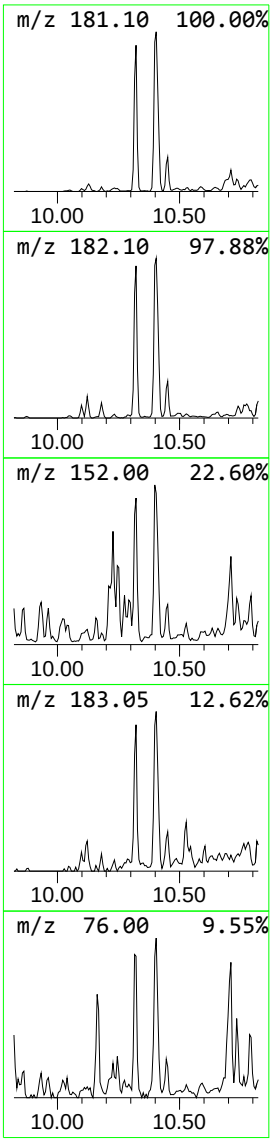
Peak Number 7 2,4,6-Cycloheptatrien-1-one... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.322	9.99 ng	251275	Acenaphthene-d10	9.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	72
5	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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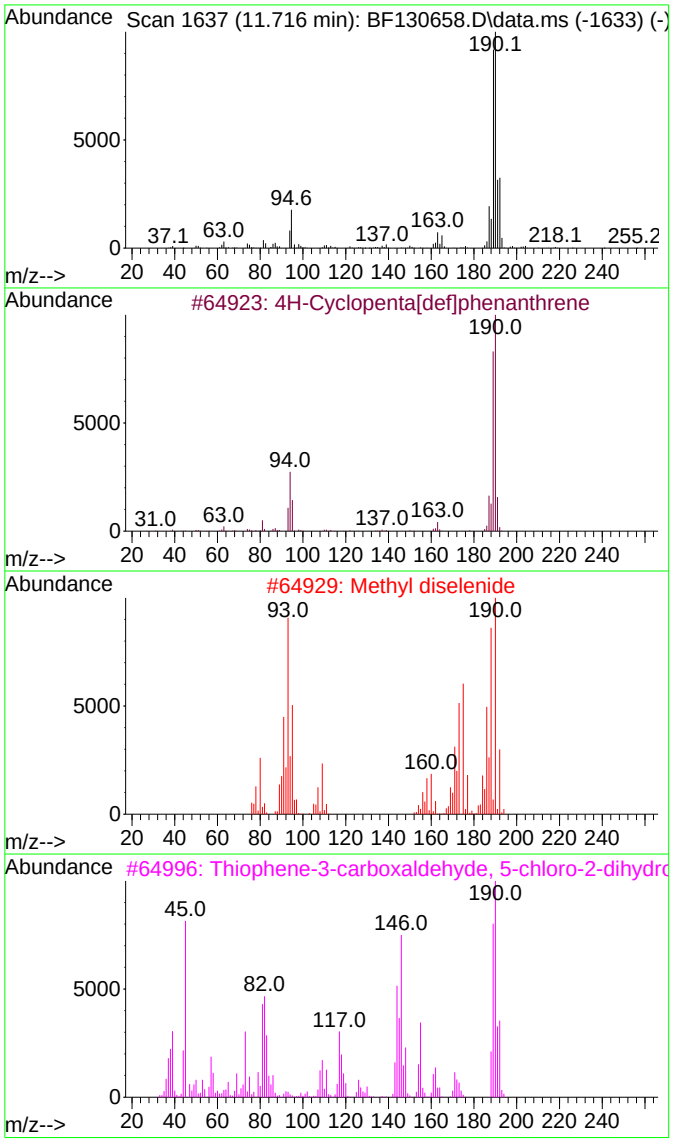
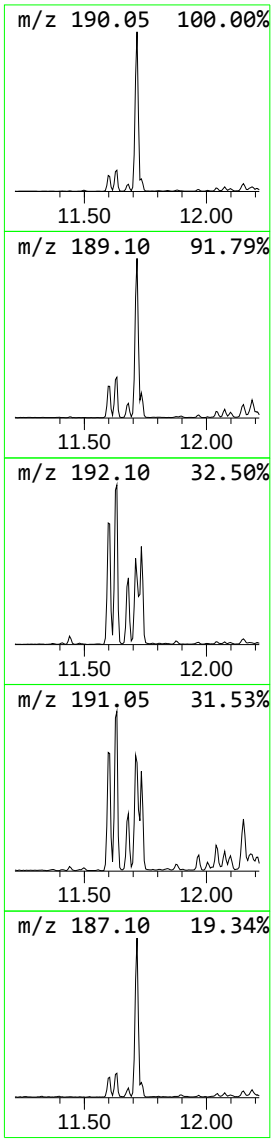
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	4.44 ng	1919670	Phenanthrene-d10	11.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





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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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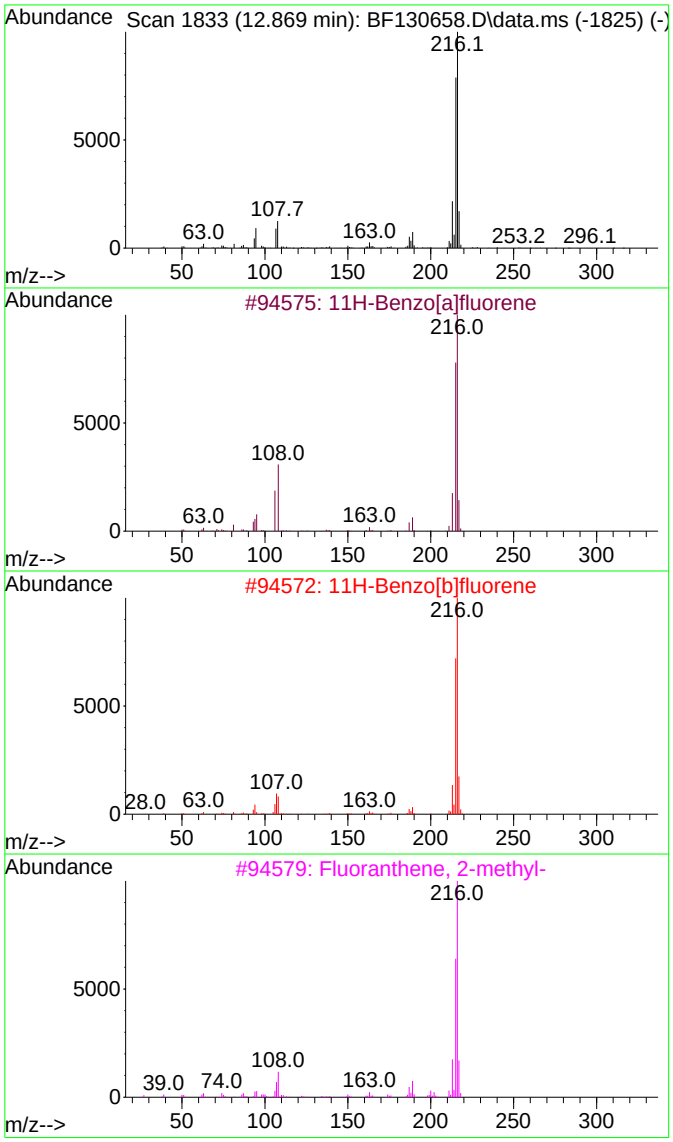
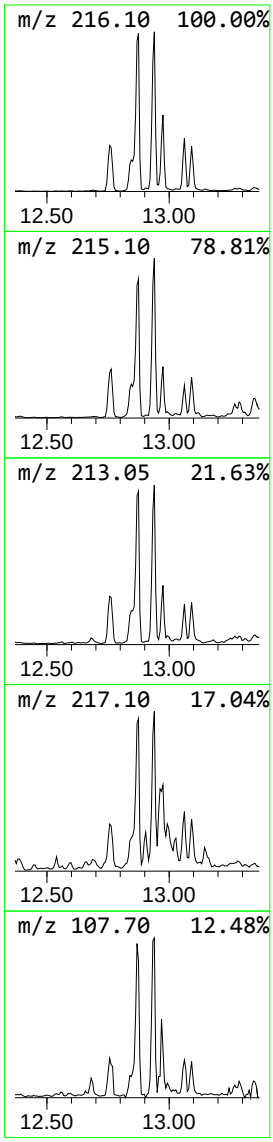
Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.869	8.40 ng	2140020	Chrysene-d12	13.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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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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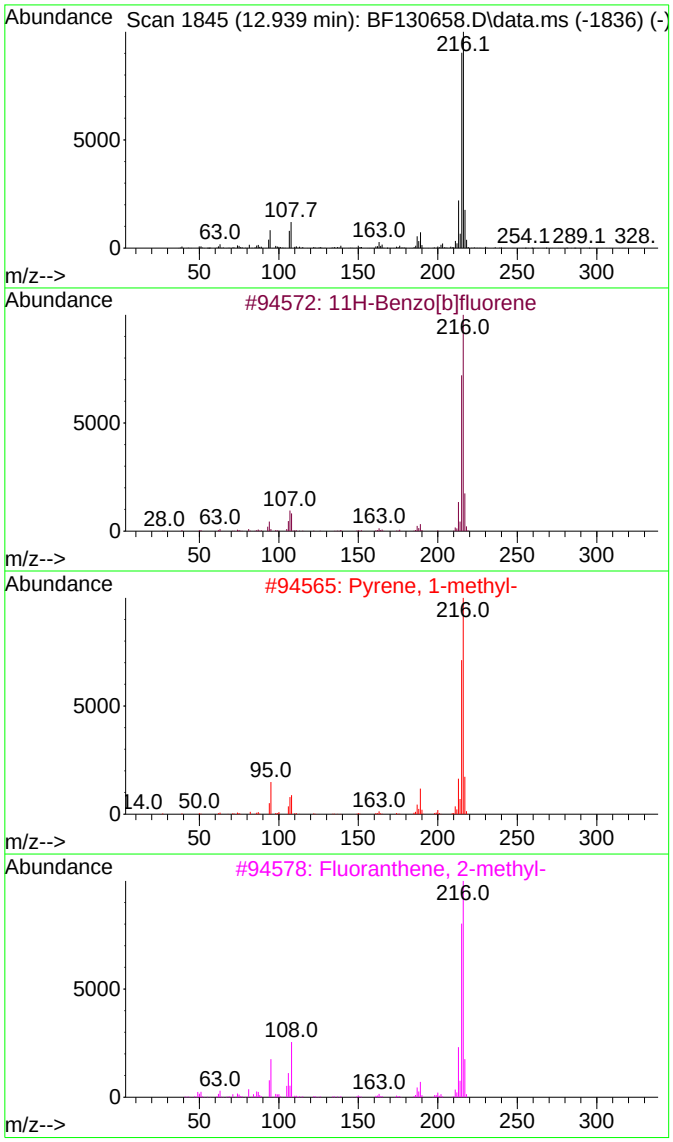
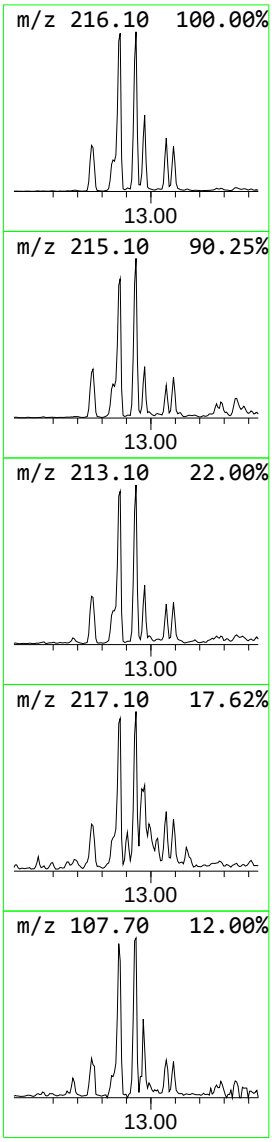
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.939	6.86 ng	1747450	Chrysene-d12	13.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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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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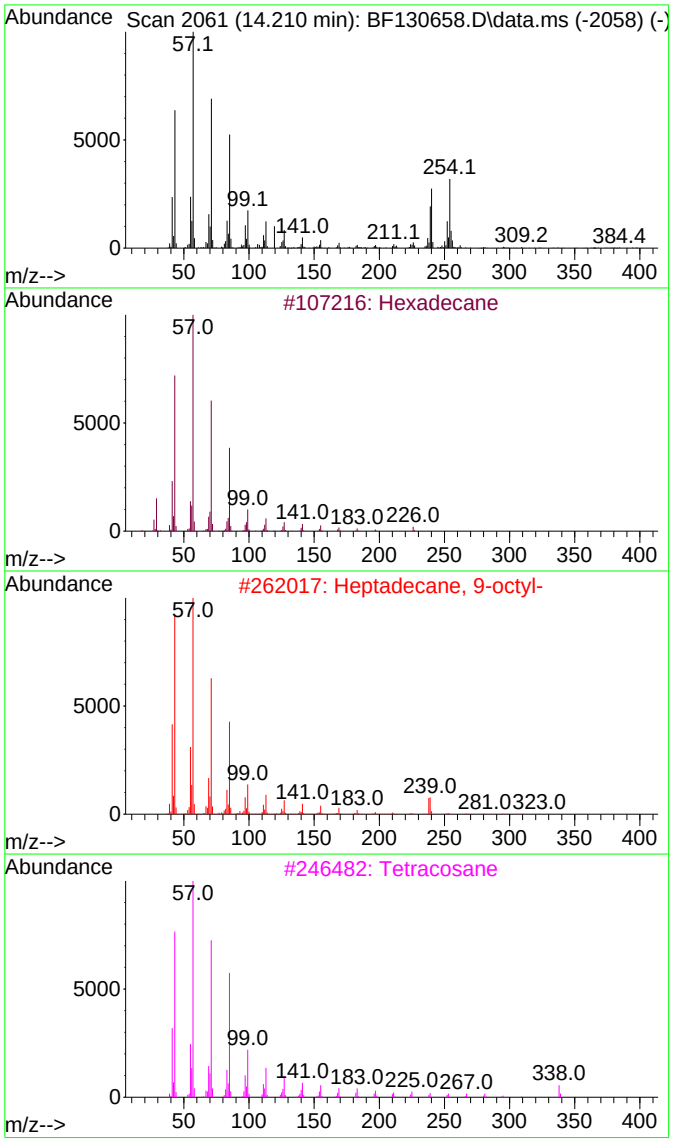
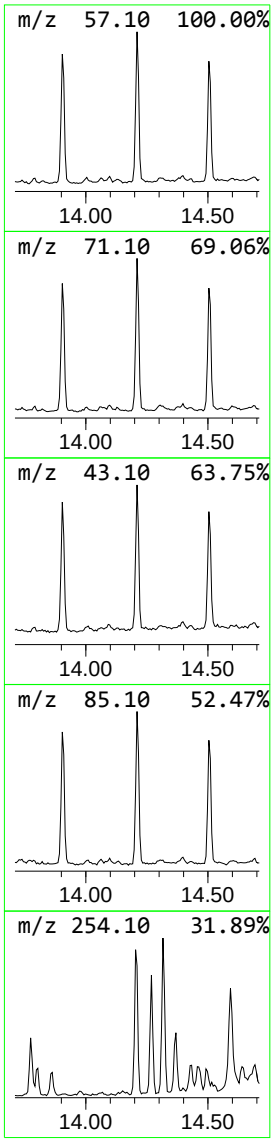
Peak Number 11 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.210	3.89 ng	991909	Chrysene-d12	13.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	89
3	Tetracosane	338	C24H50	000646-31-1	89
4	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	70
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	70





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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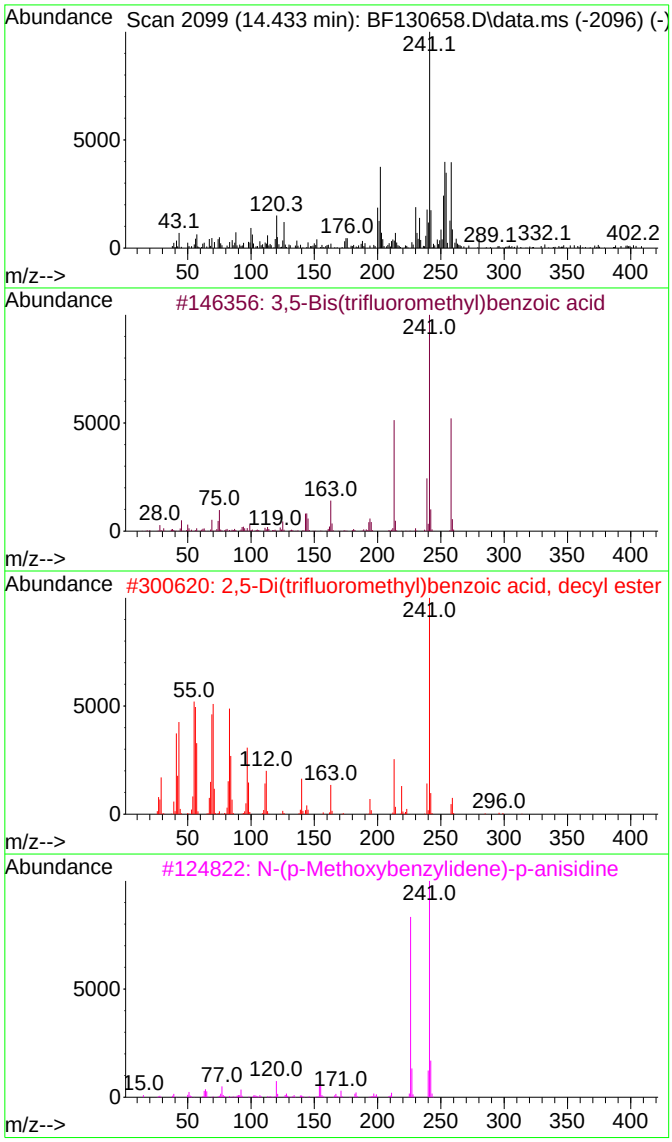
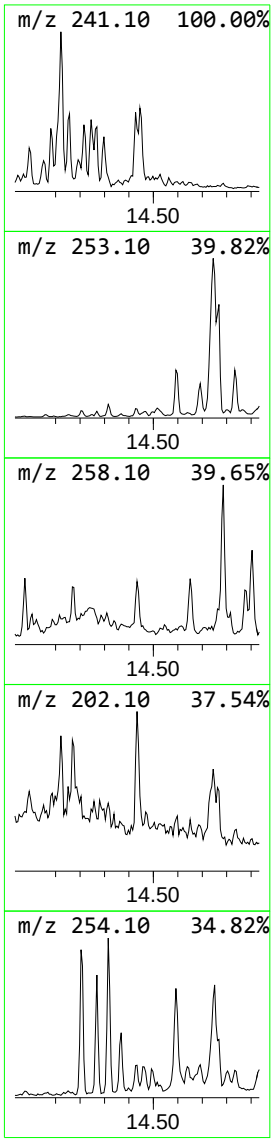
Peak Number 12 unknown14.433 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.433	15.34 ng	271865	Perylene-d12	15.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Bis(trifluoromethyl)benzoic ...	258	C9H4F6O2	000725-89-3	35
2	2,5-Di(trifluoromethyl)benzoic a...	398	C19H24F6O2	1000338-94-3	22
3	N-(p-Methoxybenzylidene)-p-anisi...	241	C15H15NO2	001749-08-2	22
4	2,6-Diethyl-4-(4-methoxyphenyl)p...	241	C16H19NO	073669-46-2	14
5	3,5-Bis(trifluoromethyl)benzoyl ...	276	C9H3ClF6O	000785-56-8	14





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TIC Library : C:\Database\NIST20.L
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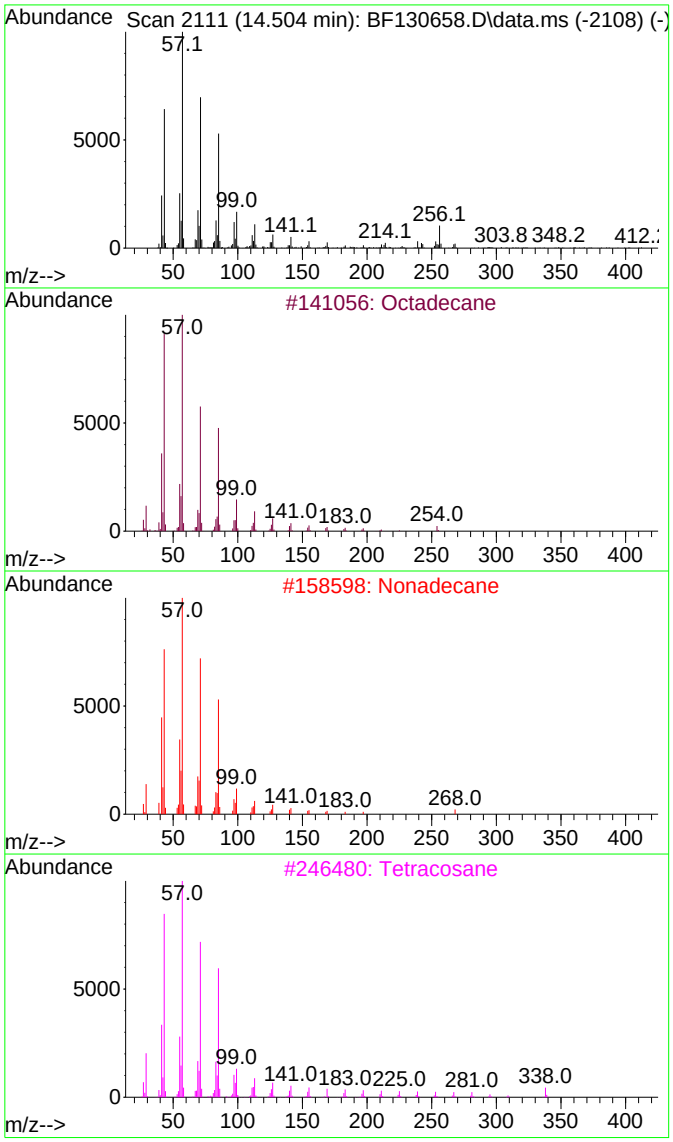
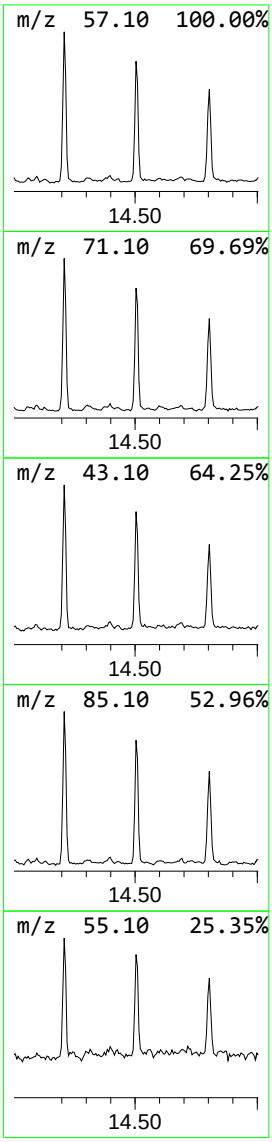
Peak Number 13 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.504	35.67 ng	632014	Perylene-d12	15.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Nonadecane	268	C19H40	000629-92-5	93
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	87





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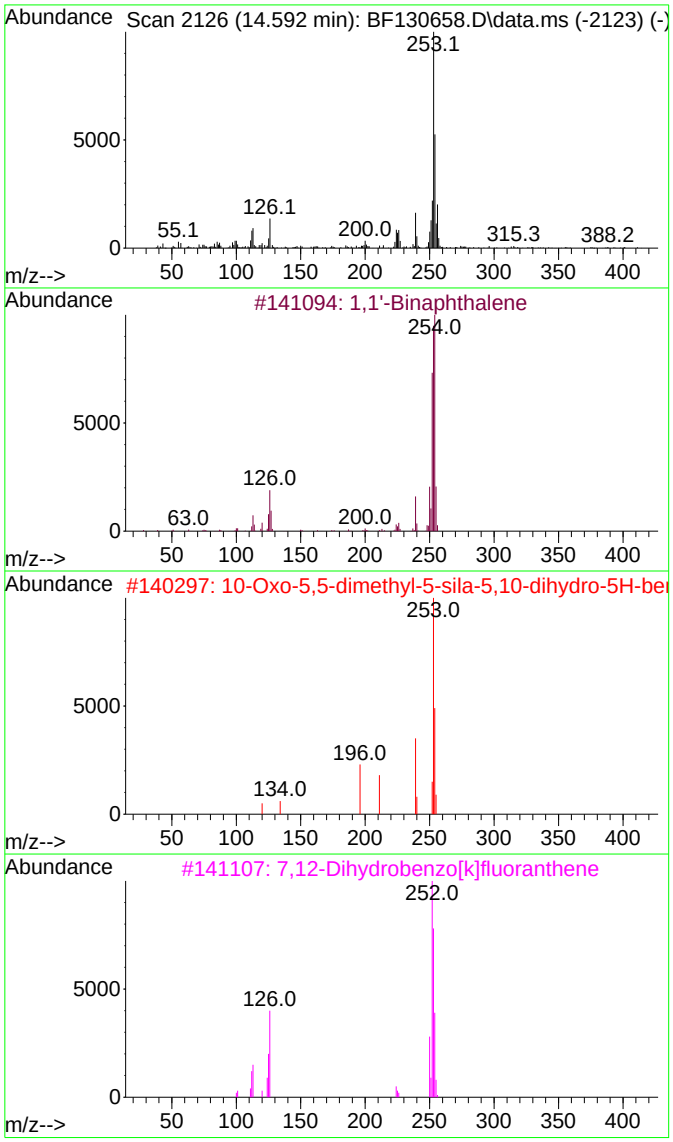
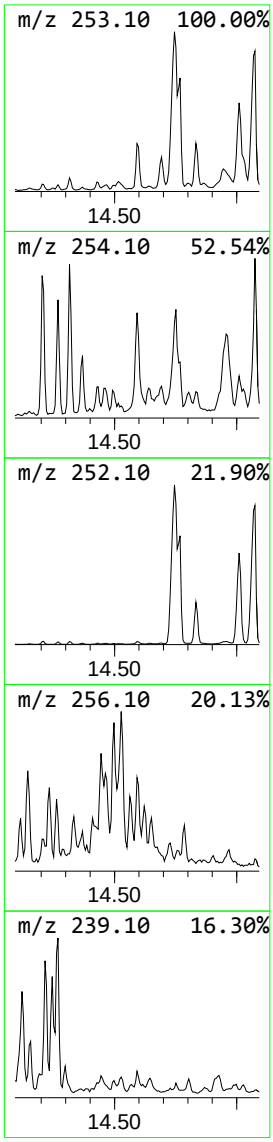
Peak Number 14 1,1'-Binaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.592	14.63 ng	259135	Perylene-d12	15.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	78
2	10-Oxo-5,5-dimethyl-5-sila-5,10-...	254	C14H14N2OSi	089052-45-9	59
3	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	53
4	1,2-Dihydro-3-phenyl-2-thioxo-4(...	254	C14H10N2OS	018741-24-7	50
5	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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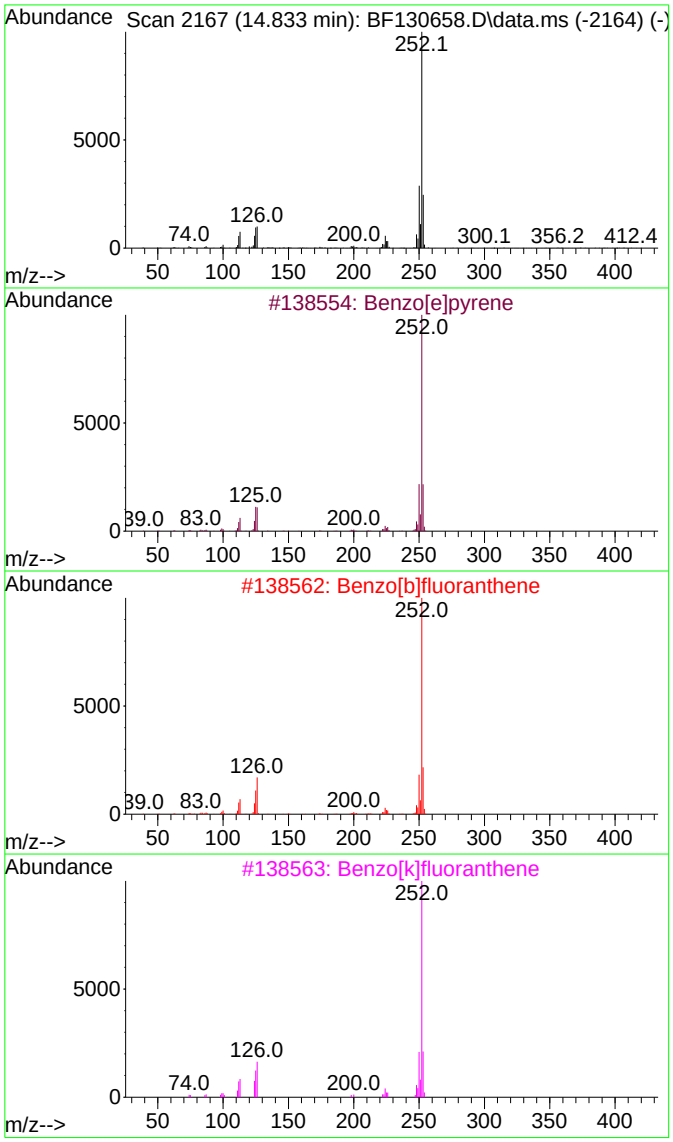
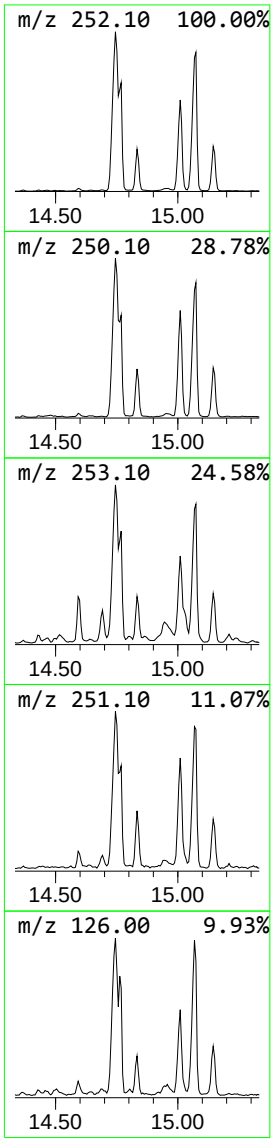
Peak Number 15 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.833	24.70 ng	437550	Perylene-d12	15.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





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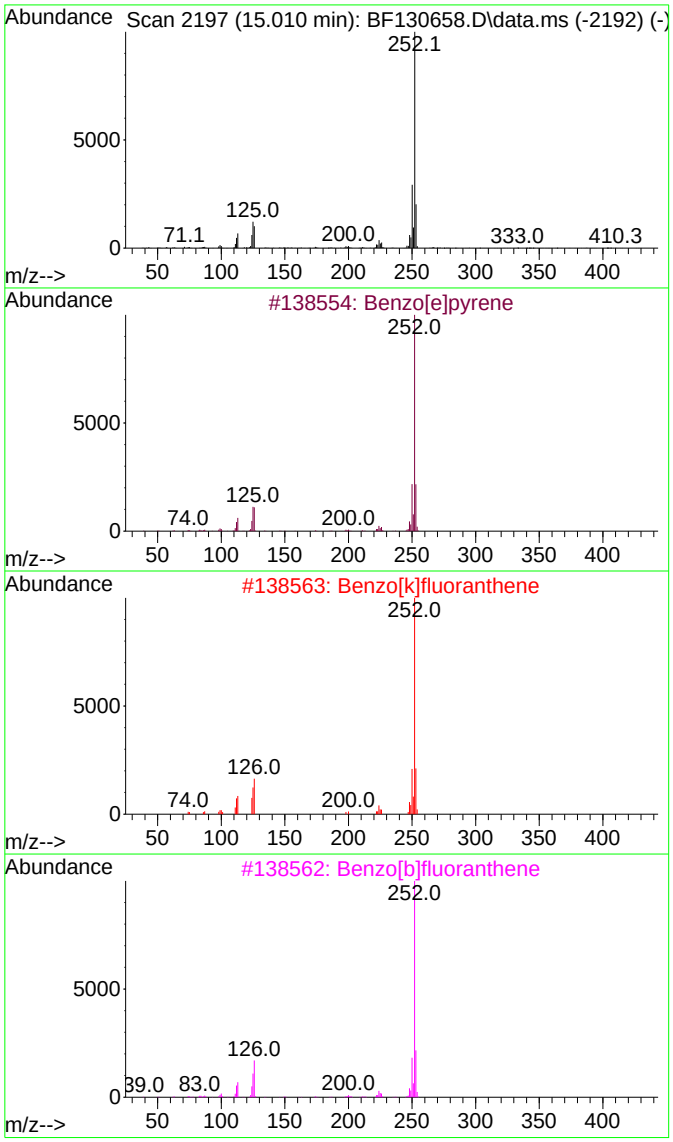
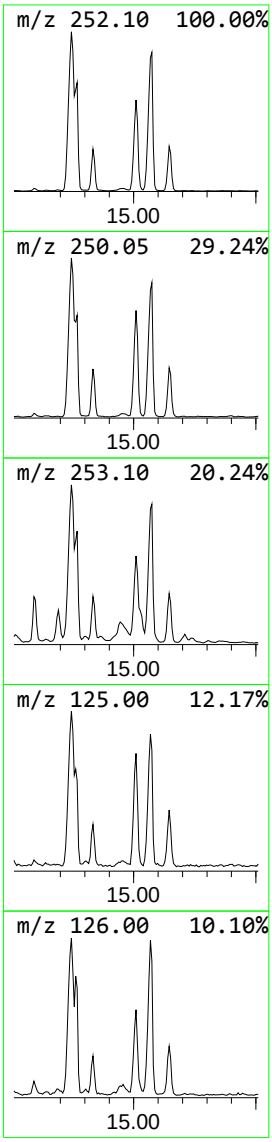
Peak Number 16 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.010	75.69 ng	1341060	Perylene-d12	15.116

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[b]fluoranthene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





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Data File : BF130658.D
Acq On : 13 Oct 2022 21:12
Operator : CG\JU
Sample : N5108-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-101222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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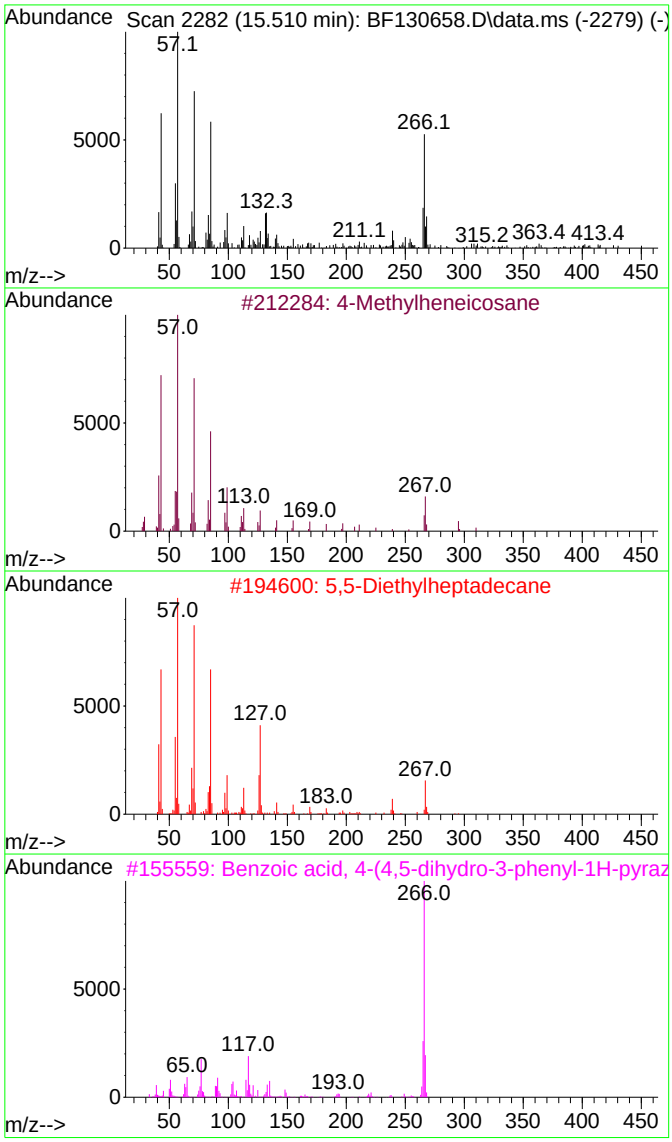
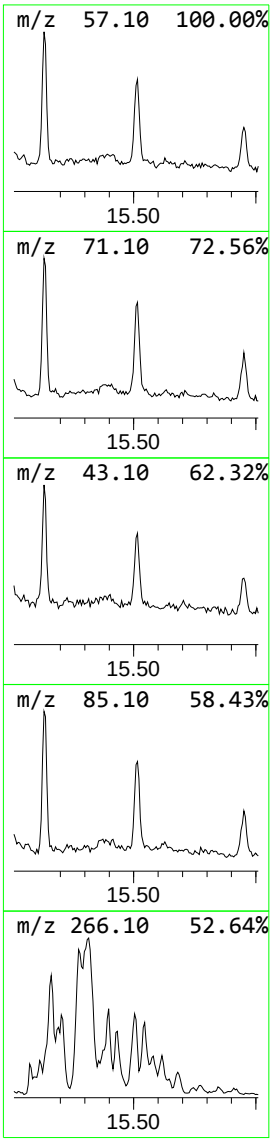
Peak Number 17 4-Methylheneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.510	8.49 ng	150355	Perylene-d12	15.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylheneicosane	310	C22H46	025117-29-7	94
2	5,5-Diethylheptadecane	296	C21H44	1010360-41-7	37
3	Benzoic acid, 4-(4,5-dihydro-3-p...	266	C16H14N2O2	026192-74-5	30
4	Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	25
5	Nonadecane	268	C19H40	000629-92-5	18





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Operator : CG\JU
Sample : N5108-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-101222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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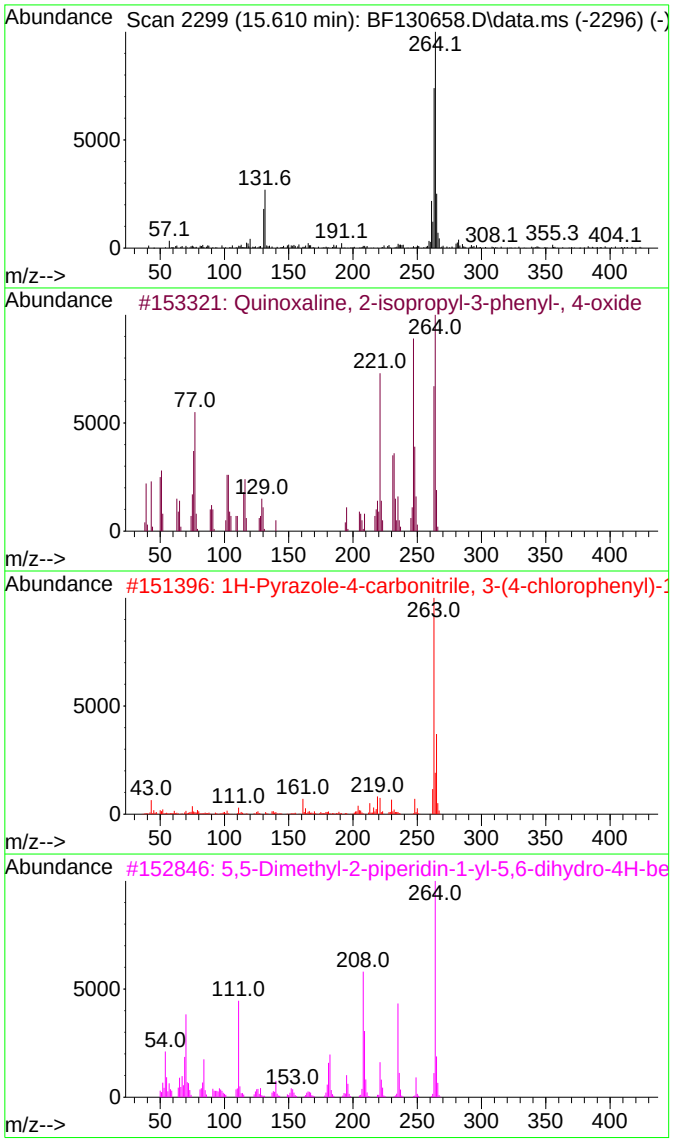
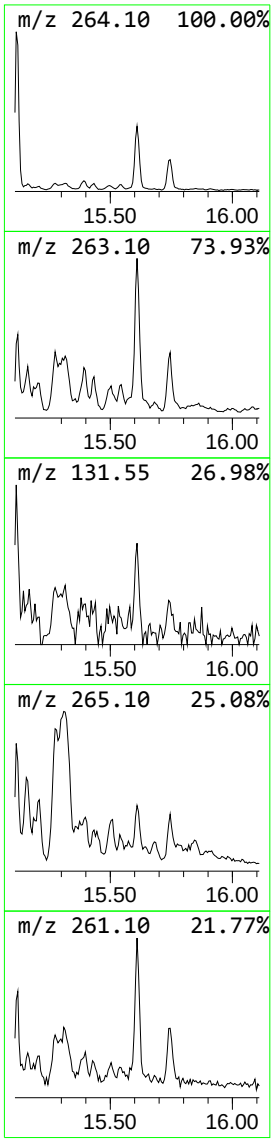
Peak Number 18 unknown15.610 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.610	8.98 ng	159181	Perylene-d12	15.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoxaline, 2-isopropyl-3-pheny...	264	C17H16N2O	016007-79-7	42
2	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	38
3	5,5-Dimethyl-2-piperidin-1-yl-5,...	264	C14H20N2OS	015091-02-8	27
4	2-[2-Quinolinyl]methylenequinucl...	264	C17H16N2O	1000257-08-0	22
5	Arsine, dibromoethyl-	262	C2H5AsBr2	000683-43-2	22





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Data File : BF130658.D
Acq On : 13 Oct 2022 21:12
Operator : CG\JU
Sample : N5108-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-101222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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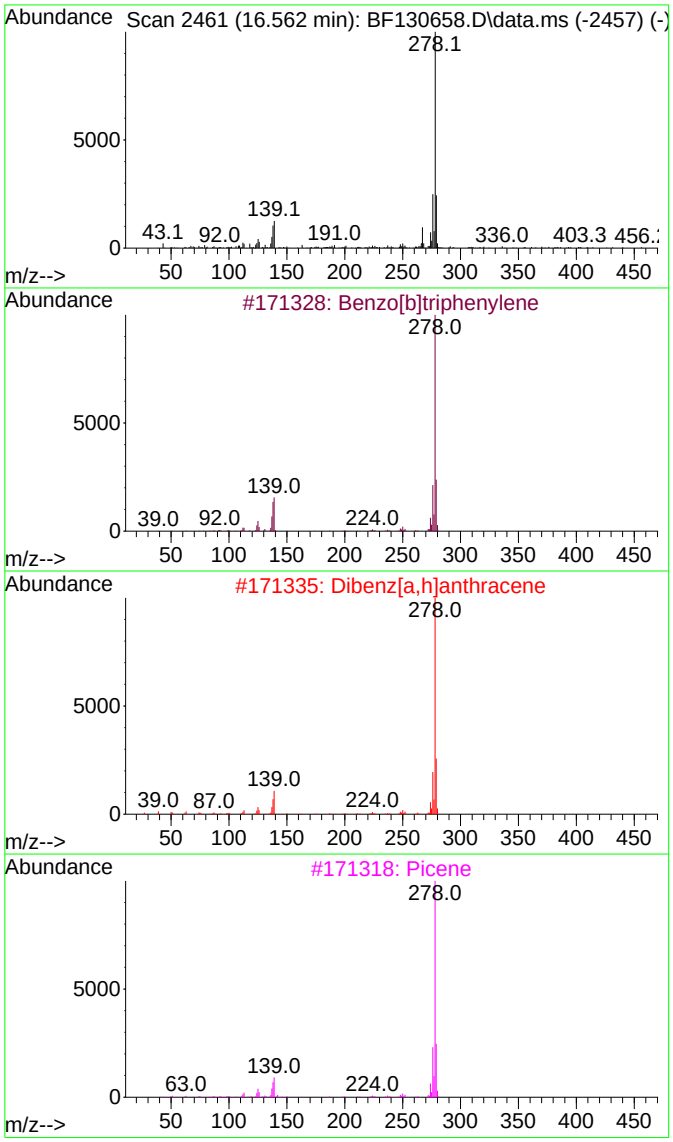
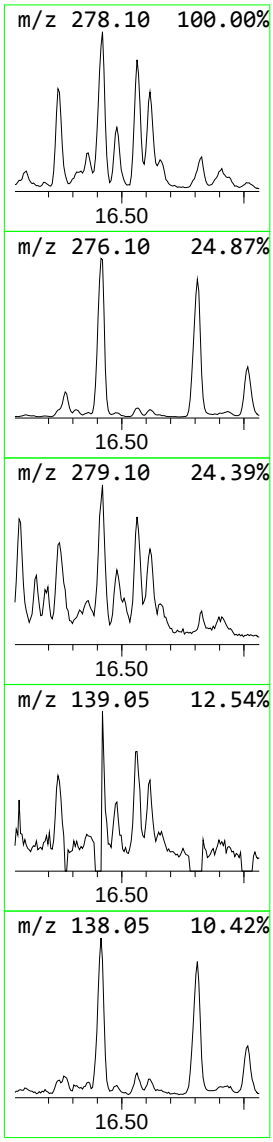
Peak Number 19 Benzo[b]triphenylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.562	15.96 ng	282708	Perylene-d12	15.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	99
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
3	Picene	278	C22H14	000213-46-7	98
4	Pentaphene	278	C22H14	000222-93-5	96
5	Pentacene	278	C22H14	000135-48-8	89





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Data File : BF130658.D
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Operator : CG\JU
Sample : N5108-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-101222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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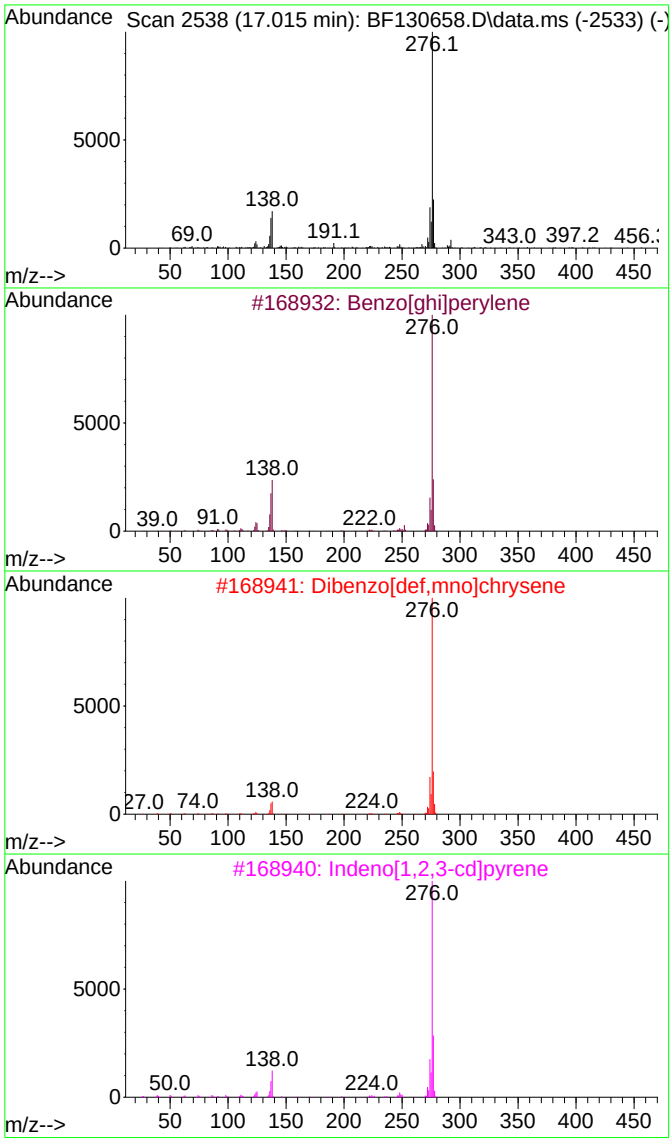
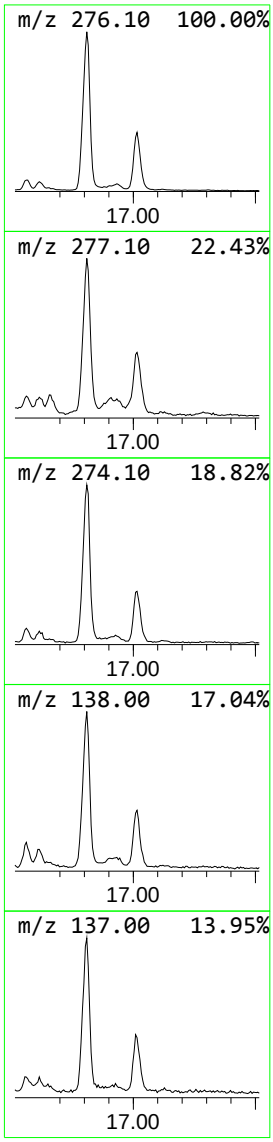
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.015	31.67 ng	561152	Perylene-d12	15.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	94
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	90
4	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	59
5	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130658.D
Acq On : 13 Oct 2022 21:12
Operator : CG\JU
Sample : N5108-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-101222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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
Naphthalene, 1,...	9.210	11.8	ng	295627	3	9.616	503181	20.0
Naphthalene, 2,...	9.281	14.6	ng	366728	3	9.616	503181	20.0
Naphthalene, 2,...	9.304	8.9	ng	223604	3	9.616	503181	20.0
Naphthalene, 1,...	9.392	8.4	ng	210936	3	9.616	503181	20.0
Benzene, [1-(2,...	10.228	7.2	ng	181144	3	9.616	503181	20.0
unknown10.245	10.245	6.0	ng	150154	3	9.616	503181	20.0
2,4,6-Cyclohept...	10.322	10.0	ng	251275	3	9.616	503181	20.0
4H-Cyclopenta[d...	11.716	4.4	ng	1919670	4	11.104	8644520	20.0
11H-Benzo[a]flu...	12.869	8.4	ng	2140020	5	13.745	5098240	20.0
11H-Benzo[b]flu...	12.939	6.9	ng	1747450	5	13.745	5098240	20.0
Hexadecane	14.210	3.9	ng	991909	5	13.745	5098240	20.0
unknown14.433	14.433	15.3	ng	271865	6	15.116	354339	20.0
Octadecane	14.504	35.7	ng	632014	6	15.116	354339	20.0
1,1'-Binaphthalene	14.592	14.6	ng	259135	6	15.116	354339	20.0
Benzo[e]pyrene	14.833	24.7	ng	437550	6	15.116	354339	20.0
Perylene	15.010	75.7	ng	1341060	6	15.116	354339	20.0
4-Methylheneico...	15.510	8.5	ng	150355	6	15.116	354339	20.0
unknown15.610	15.610	9.0	ng	159181	6	15.116	354339	20.0
Benzo[b]triphen...	16.562	16.0	ng	282708	6	15.116	354339	20.0
Dibenzo[def,mno...	17.015	31.7	ng	561152	6	15.116	354339	20.0