LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141390.D
Acq On : 04 Feb 2025 00:49
Operator : RC/JU
Sample : Q1232-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.2-012925

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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141390.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.416	560	565	579	rVB	1274214	1709432	27.14%	2.703%
2	6.434	733	738	755	rBV	1292536	1747270	27.74%	2.762%
3	6.793	794	799	804	rBV	417495	509646	8.09%	0.806%
4	7.357	889	895	900	rBV	873673	1142270	18.14%	1.806%
5	8.075	1011	1017	1026	rBV2	523978	754789	11.98%	1.193%
6	9.151	1194	1200	1205	rBV	1443963	1771221	28.12%	2.800%
7	9.486	1250	1257	1260	rBV	59692	89622	1.42%	0.142%
8	9.828	1308	1315	1318	rBV	521971	685725	10.89%	1.084%
9	9.863	1318	1321	1325	rVB	236958	284999	4.52%	0.451%
10	9.986	1337	1342	1346	rBV2	45900	64616	1.03%	0.102%
11	10.034	1346	1350	1354	rVV	137528	171677	2.73%	0.271%
12	10.239	1380	1385	1387	rBV	38939	66187	1.05%	0.105%
13	10.375	1404	1408	1413	rBV	208840	269852	4.28%	0.427%
14	10.439	1413	1419	1422	rBV	58843	115409	1.83%	0.182%
15	10.539	1431	1436	1441	rVB2	231316	345917	5.49%	0.547%
16	10.616	1444	1449	1454	rVV	766339	1045639	16.60%	1.653%
17	10.739	1465	1470	1477	rVB4	77248	128118	2.03%	0.203%
18	10.922	1495	1501	1504	rBV4	84701	164064	2.60%	0.259%
19	11.004	1509	1515	1519	rVB5	40189	82104	1.30%	0.130%
20	11.057	1519	1524	1525	rBV3	62453	95686	1.52%	0.151%
21	11.122	1531	1535	1539	rVB	99244	128227	2.04%	0.203%
22	11.175	1539	1544	1547	rVV3	109329	200056	3.18%	0.316%
23	11.216	1547	1551	1558	rVB	136817	207642	3.30%	0.328%
24	11.345	1563	1573	1577	rBV2	2378612	3634173	57.70%	5.746%
25	11.392	1577	1581	1585	rVV	561636	706909	11.22%	1.118%
26	11.551	1602	1608	1615	rBV2	129383	252620	4.01%	0.399%
27	11.616	1615	1619	1622	rVV	130176	170730	2.71%	0.270%
28	11.651	1622	1625	1630	rVB2	65401	89743	1.42%	0.142%
29	11.822	1649	1654	1656	rVV	358450	523079	8.30%	0.827%
30	11.851	1656	1659	1663	rVV	599980	756474	12.01%	1.196%
31	11.892	1663	1666	1669	rVV	198850	268763	4.27%	0.425%
32	11.933	1669	1673	1681	rVB	730961	1337842	21.24%	2.115%
33	12.022	1681	1688	1691	rBV4	68088	143294	2.28%	0.227%
34	12.116	1699	1704	1707	rBV	324829	468630	7.44%	0.741%
35	12.139	1707	1708	1713	rVB	219597	191243	3.04%	0.302%
36	12.192	1713	1717	1723	rVB2	49092	63352	1.01%	0.100%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141390.D
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Operator : RC/JU
Sample : Q1232-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.2-012925

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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.263	1724	1729	1732	rBV	132342	203611	3.23%	0.322%
38	12.298	1732	1735	1737	rBV	55118	65209	1.04%	0.103%
39	12.369	1742	1747	1751	rBV	283725	467011	7.41%	0.738%
40	12.410	1751	1754	1759	rVV	194178	312024	4.95%	0.493%
41	12.463	1759	1763	1768	rVB2	257551	370210	5.88%	0.585%
42	12.539	1770	1776	1781	rBV	3584121	5415045	85.97%	8.561%
43	12.592	1781	1785	1790	rVB4	79513	147714	2.35%	0.234%
44	12.680	1794	1800	1805	rBV3	171825	328876	5.22%	0.520%
45	12.775	1808	1816	1820	rBV	3561792	6298628	100.00%	9.958%
46	12.810	1820	1822	1828	rVB2	205366	281184	4.46%	0.445%
47	12.904	1829	1838	1845	rVB2	1004242	1754494	27.86%	2.774%
48	12.980	1845	1851	1858	rBV5	371537	766671	12.17%	1.212%
49	13.086	1862	1869	1874	rVB	539366	1071202	17.01%	1.694%
50	13.157	1877	1881	1884	rVV	338302	481338	7.64%	0.761%
51	13.192	1884	1887	1895	rVV3	504620	925530	14.69%	1.463%
52	13.286	1899	1903	1906	rVV	278243	391863	6.22%	0.620%
53	13.316	1906	1908	1917	rVB2	301565	395828	6.28%	0.626%
54	13.492	1931	1938	1939	rBV5	128860	254399	4.04%	0.402%
55	13.598	1949	1956	1962	rBV2	291746	522421	8.29%	0.826%
56	13.710	1970	1975	1977	rBV2	358422	548938	8.72%	0.868%
57	13.739	1977	1980	1982	rVV	382780	555575	8.82%	0.878%
58	13.763	1982	1984	1989	rVV2	382417	649381	10.31%	1.027%
59	13.810	1989	1992	1998	rVB	319350	430689	6.84%	0.681%
60	13.957	2010	2017	2020	rBV	2186816	3736526	59.32%	5.908%
61	13.992	2020	2023	2030	rVB	1875600	2757965	43.79%	4.360%
62	14.069	2032	2036	2041	rVV	370618	472209	7.50%	0.747%
63	14.310	2075	2077	2079	rBV	60349	64469	1.02%	0.102%
64	14.345	2079	2083	2087	rVV	334204	450422	7.15%	0.712%
65	14.380	2087	2089	2093	rVB	202152	212294	3.37%	0.336%
66	14.439	2094	2099	2102	rBV3	189140	306327	4.86%	0.484%
67	14.474	2102	2105	2106	rBV2	128624	138086	2.19%	0.218%
68	14.657	2132	2136	2139	rBV2	117542	196126	3.11%	0.310%
69	14.733	2146	2149	2152	rBV2	77645	107588	1.71%	0.170%
70	14.810	2159	2162	2164	rBV	132048	180538	2.87%	0.285%
71	15.004	2188	2195	2203	rBV	1598322	3799559	60.32%	6.007%
72	15.098	2208	2211	2216	rVB	285210	369597	5.87%	0.584%
73	15.298	2239	2245	2250	rVB	886675	1441719	22.89%	2.279%
74	15.363	2250	2256	2261	rVV	1291739	1985648	31.53%	3.139%
75	15.416	2261	2265	2267	rVV	208905	318746	5.06%	0.504%
76	15.445	2267	2270	2278	rVB	414284	655425	10.41%	1.036%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141390.D
Acq On : 04 Feb 2025 00:49
Operator : RC/JU
Sample : Q1232-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.2-012925

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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.862	2504	2511	2518	rVB2	553713	1224614	19.44%	1.936%
78	17.027	2534	2539	2544	rBV	106025	214440	3.40%	0.339%
79	17.086	2545	2549	2555	rVV2	79062	163103	2.59%	0.258%
80	17.298	2577	2585	2597	rVB	456013	1119320	17.77%	1.770%
81	17.521	2618	2623	2636	rVB	128944	310951	4.94%	0.492%

Sum of corrected areas: 63250533

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141390.D
Acq On : 04 Feb 2025 00:49
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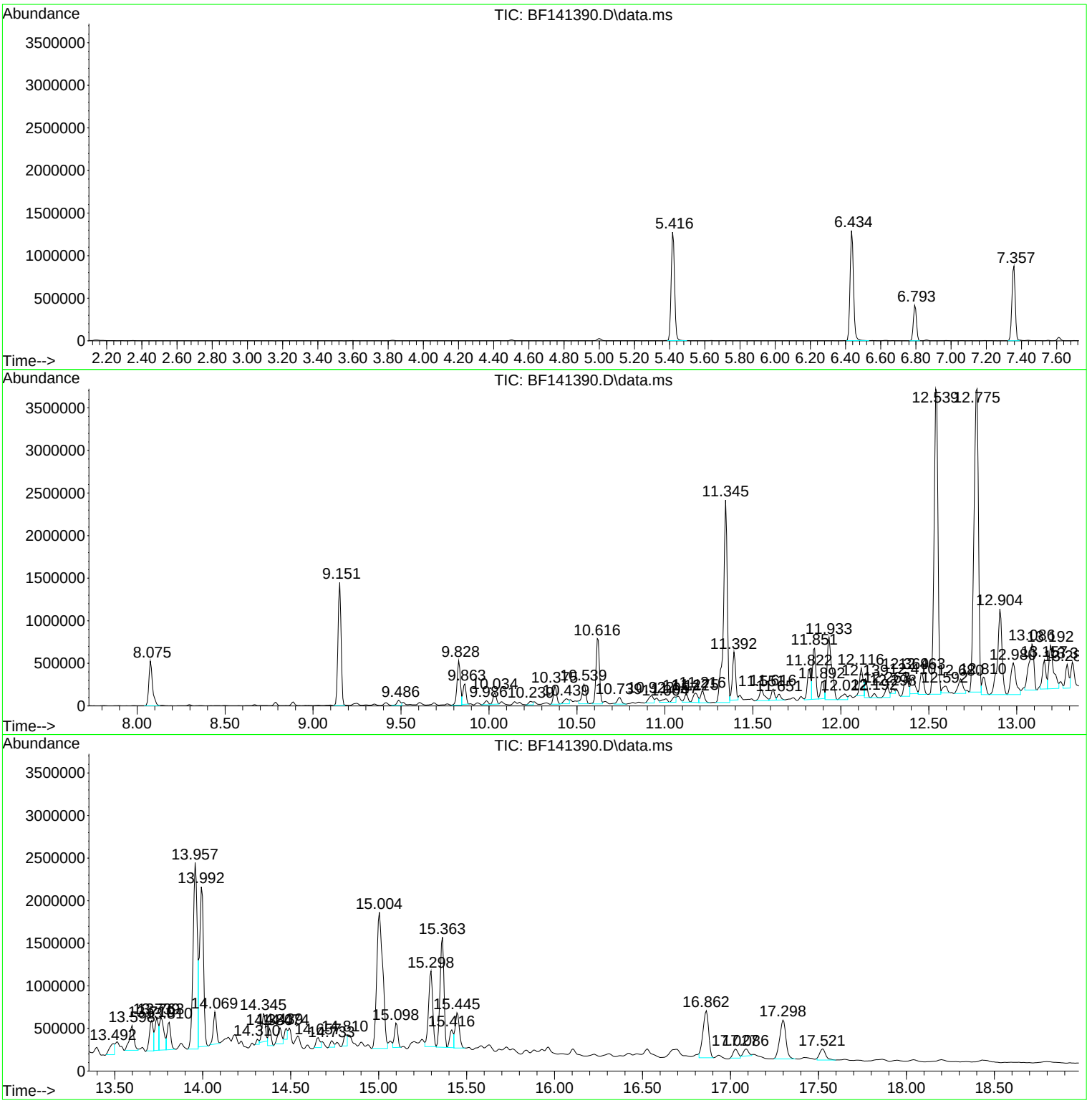
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.2-012925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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\BF020325\
Data File : BF141390.D
Acq On : 04 Feb 2025 00:49
Operator : RC/JU
Sample : Q1232-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.2-012925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

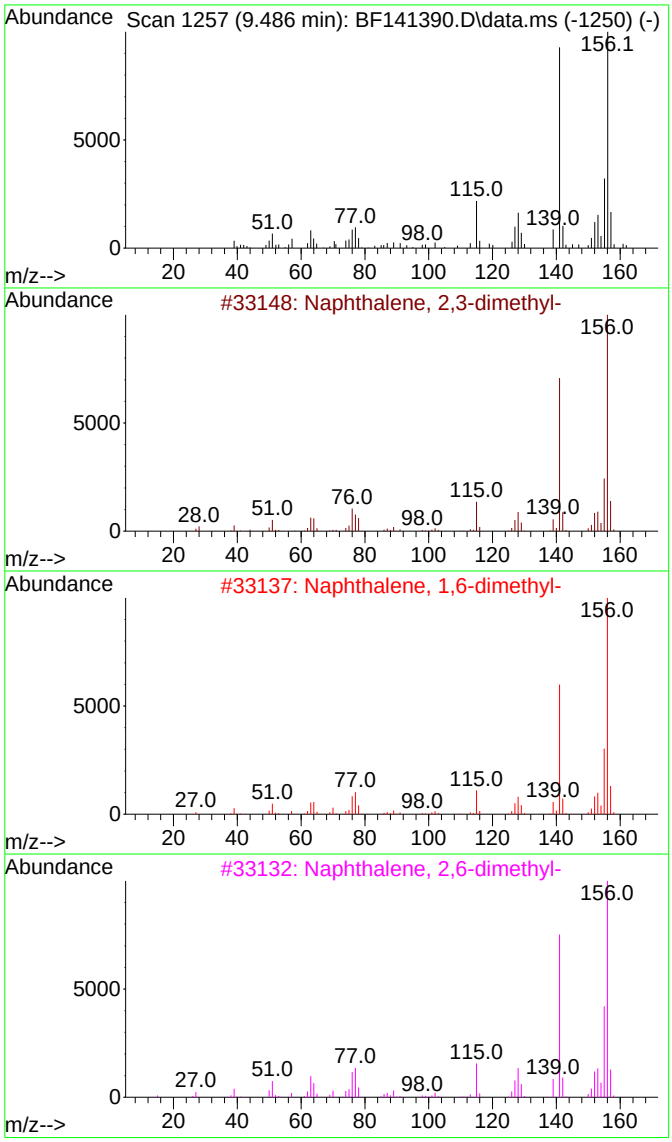
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

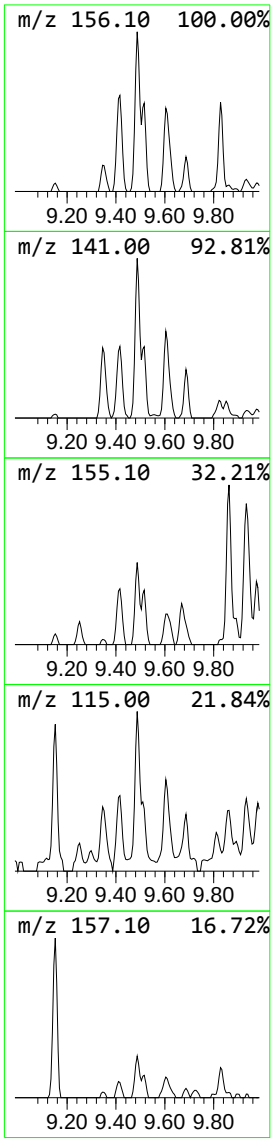
****

Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	2.61 ng	89622	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141390.D
Acq On : 04 Feb 2025 00:49
Operator : RC/JU
Sample : Q1232-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.2-012925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

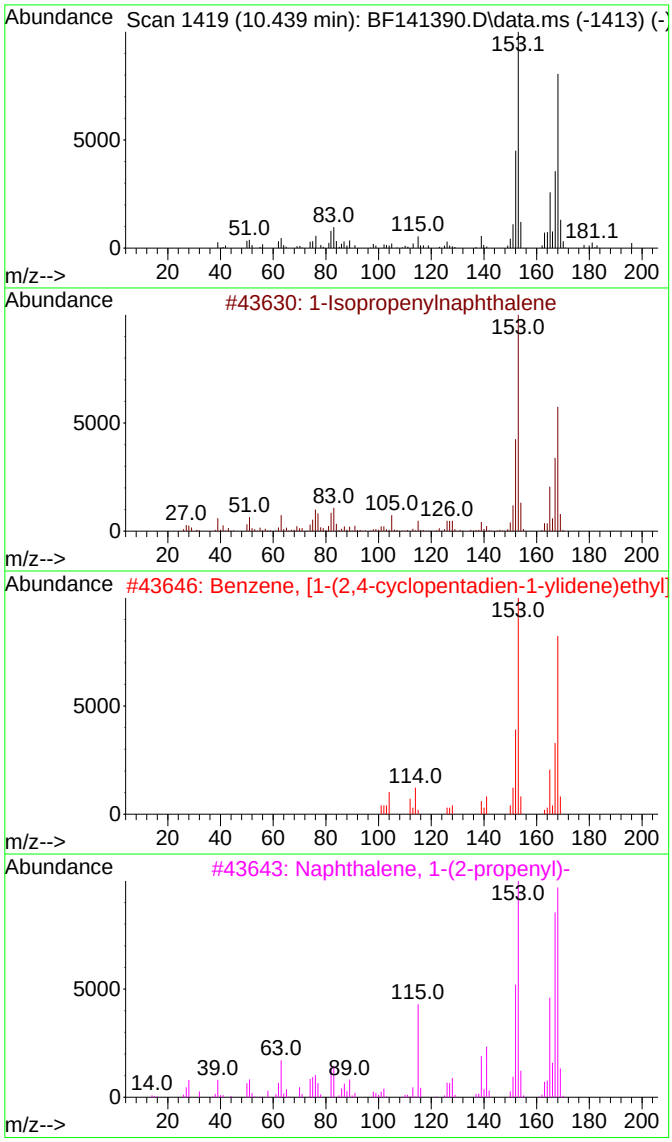
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

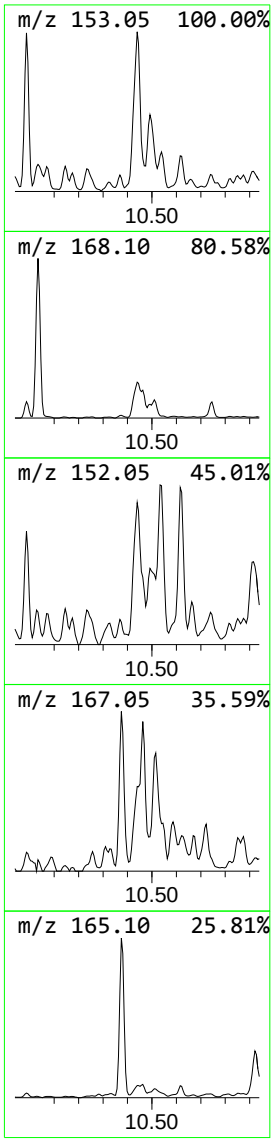
****

Peak Number 2 1-Isopropenylnaphthalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.439	3.37 ng	115409	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	93
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	74
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
5	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141390.D
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.2-012925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

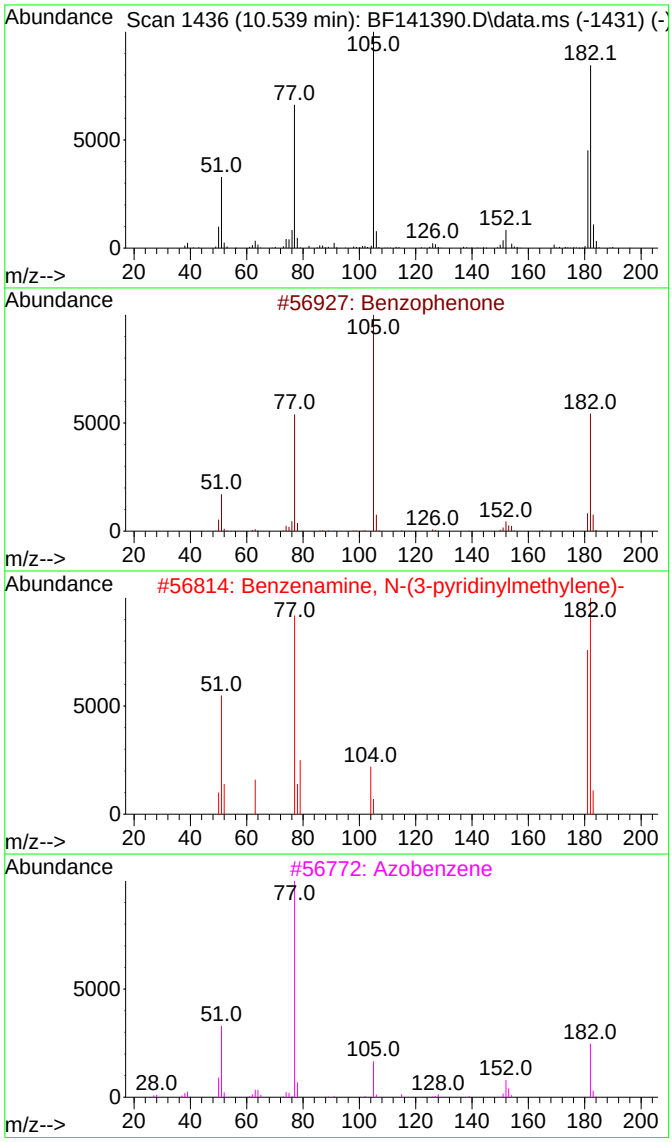
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

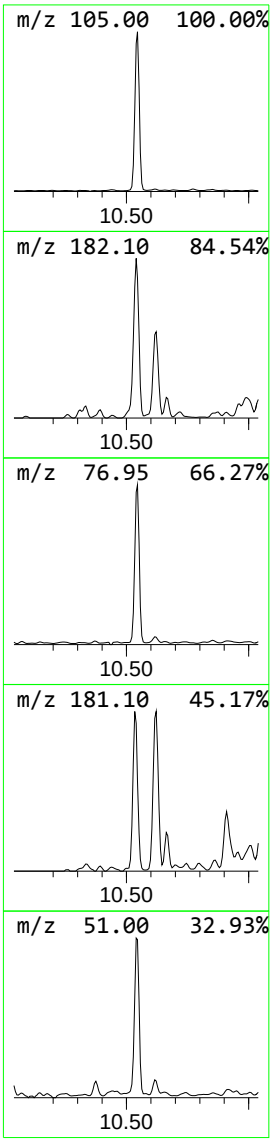
****

Peak Number 3 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	10.09 ng	345917	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	87
2	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	80
3	Azobenzene	182	C12H10N2	000103-33-3	58
4	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	38
5	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141390.D
Acq On : 04 Feb 2025 00:49
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Sample : Q1232-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

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BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

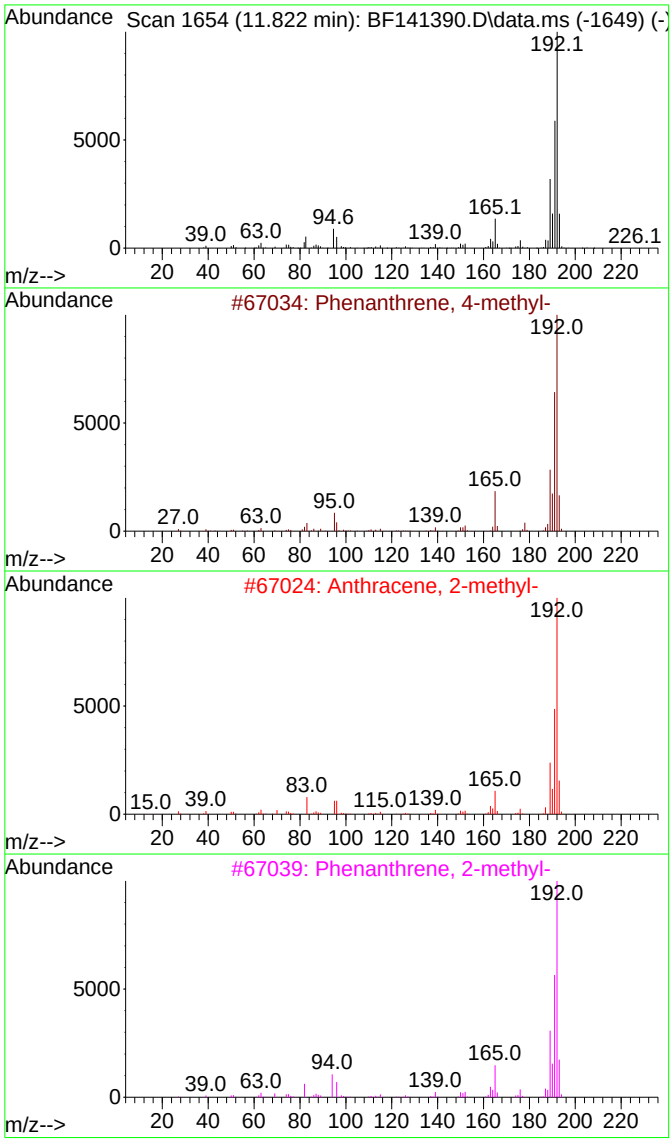
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

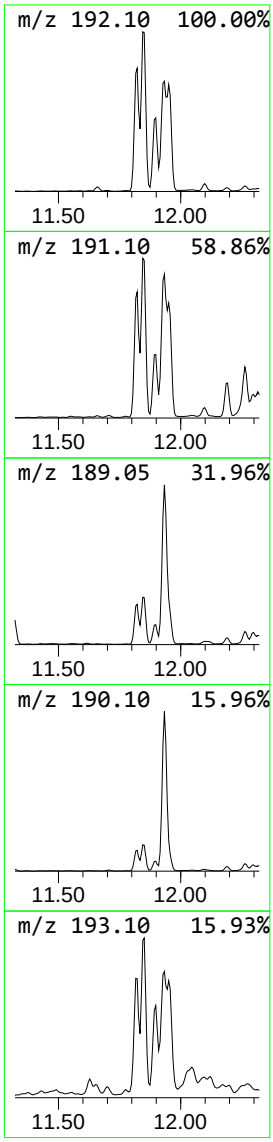
****

Peak Number 4 Phenanthrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	2.88 ng	523079	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141390.D
Acq On : 04 Feb 2025 00:49
Operator : RC/JU
Sample : Q1232-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.2-012925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

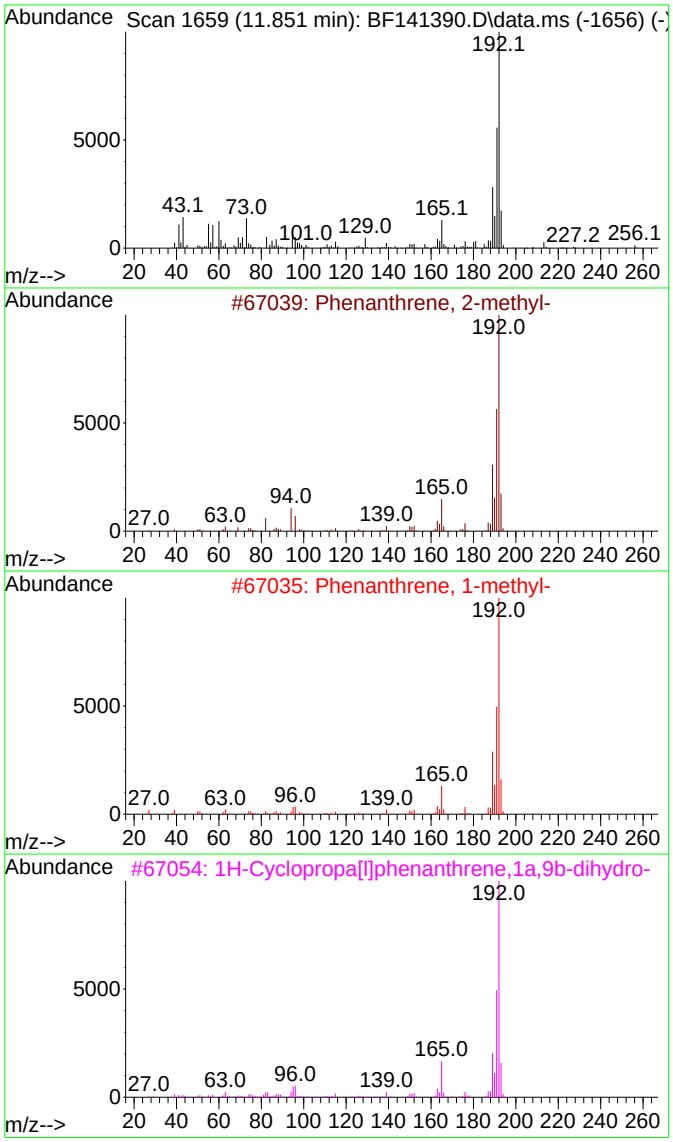
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

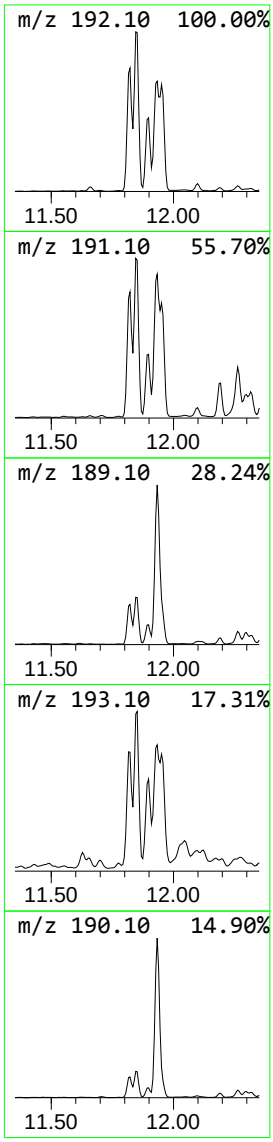
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	4.16 ng	756474	Phenanthrene-d10	11.316

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141390.D
Acq On : 04 Feb 2025 00:49
Operator : RC/JU
Sample : Q1232-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.2-012925

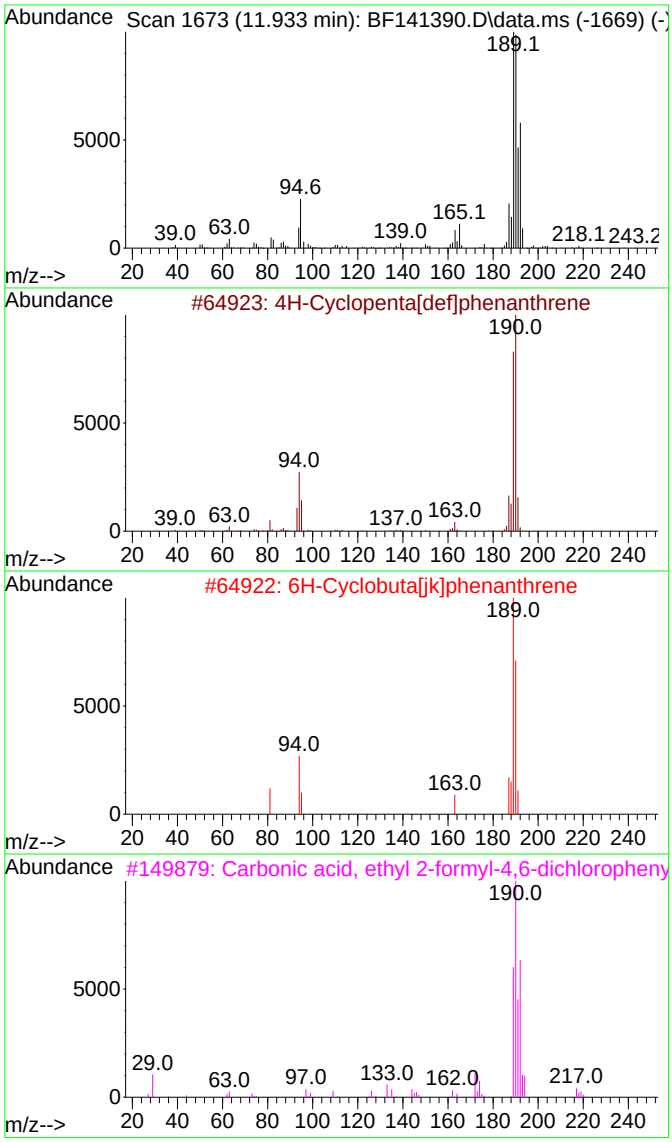
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

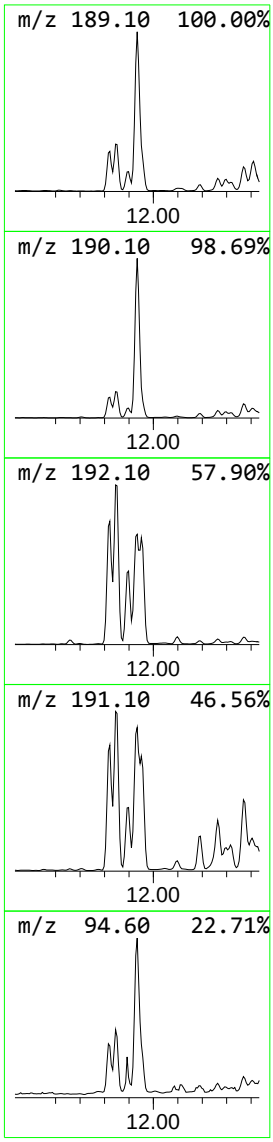
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	7.36 ng	1337840	Phenanthrene-d10	11.316

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	58
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





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Sample : Q1232-03
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JPP-46.2-012925

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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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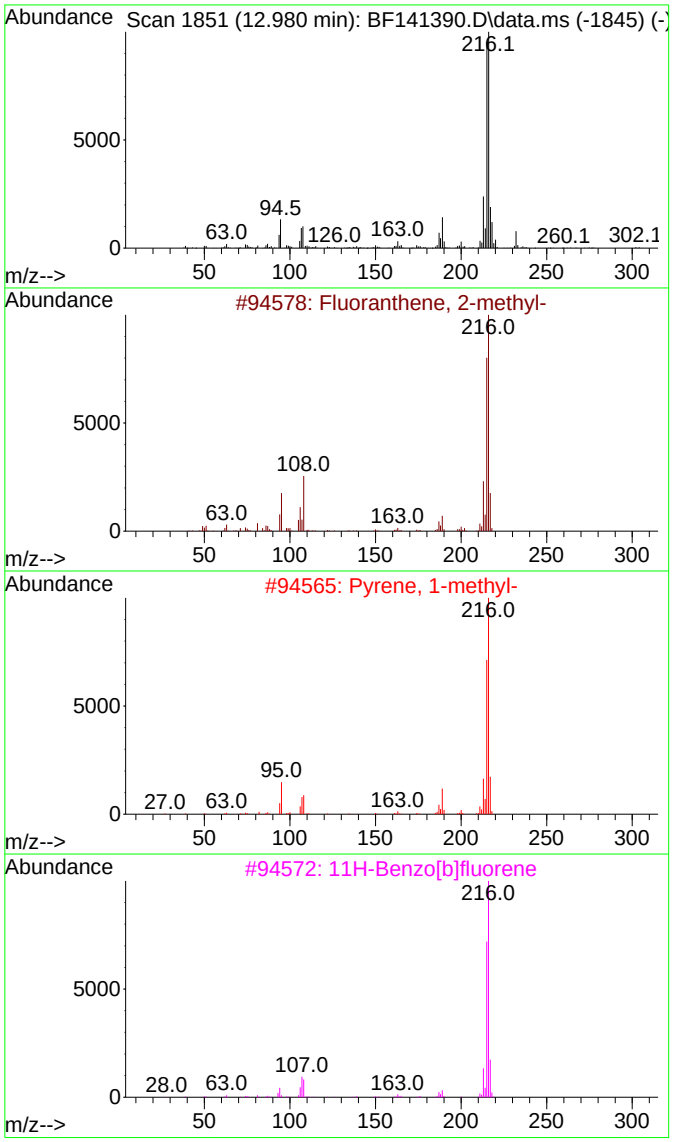
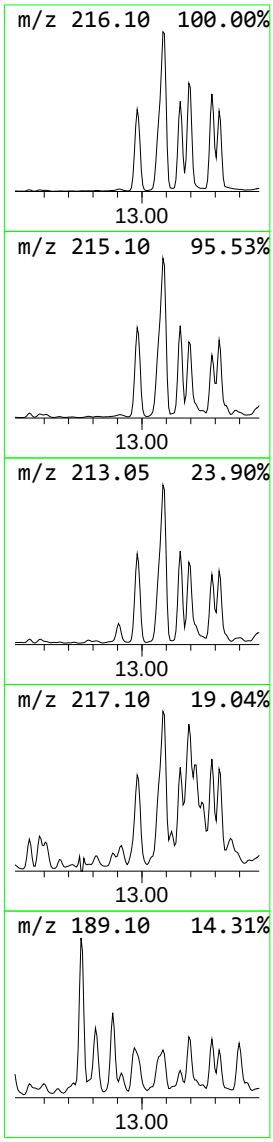
Peak Number 7 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	4.10 ng	766671	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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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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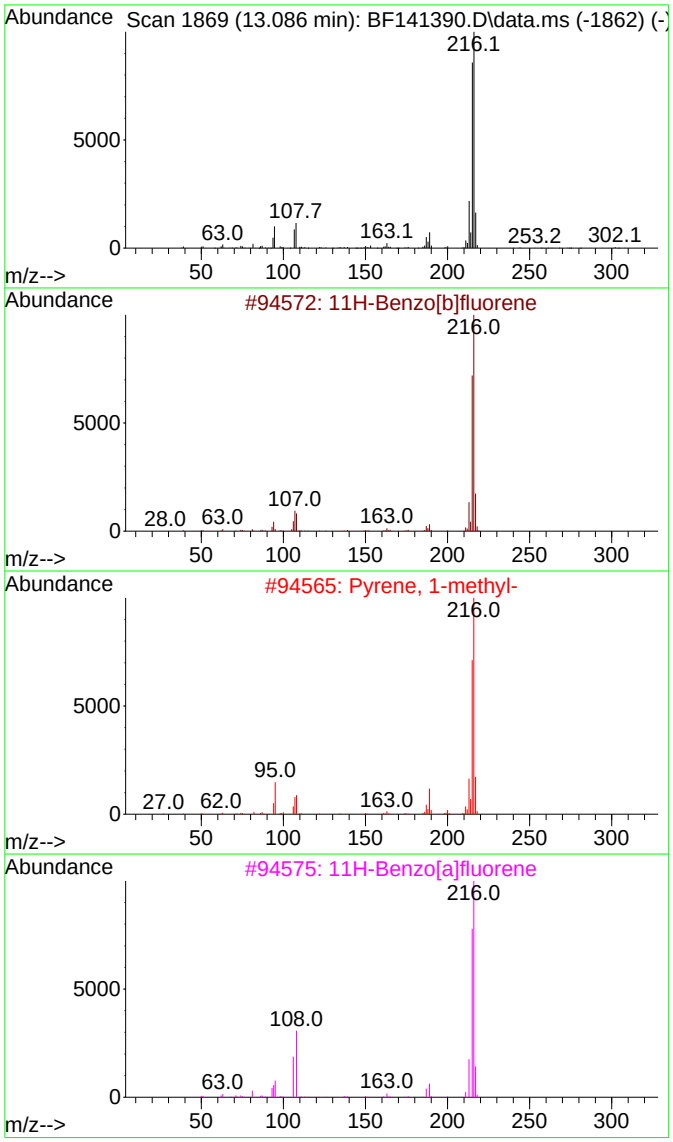
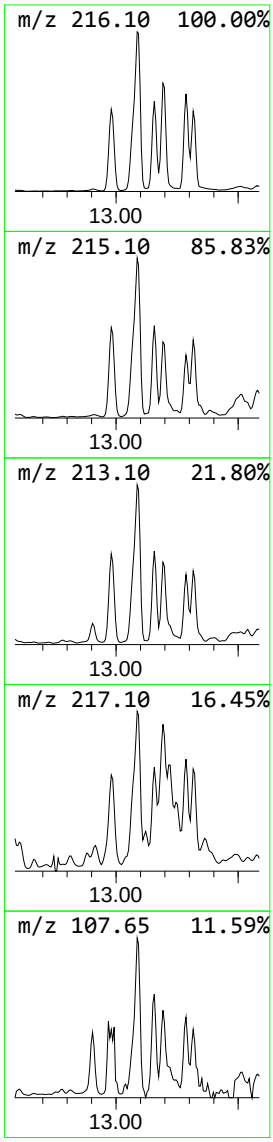
Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	5.73 ng	1071200	Chrysene-d12	13.969

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	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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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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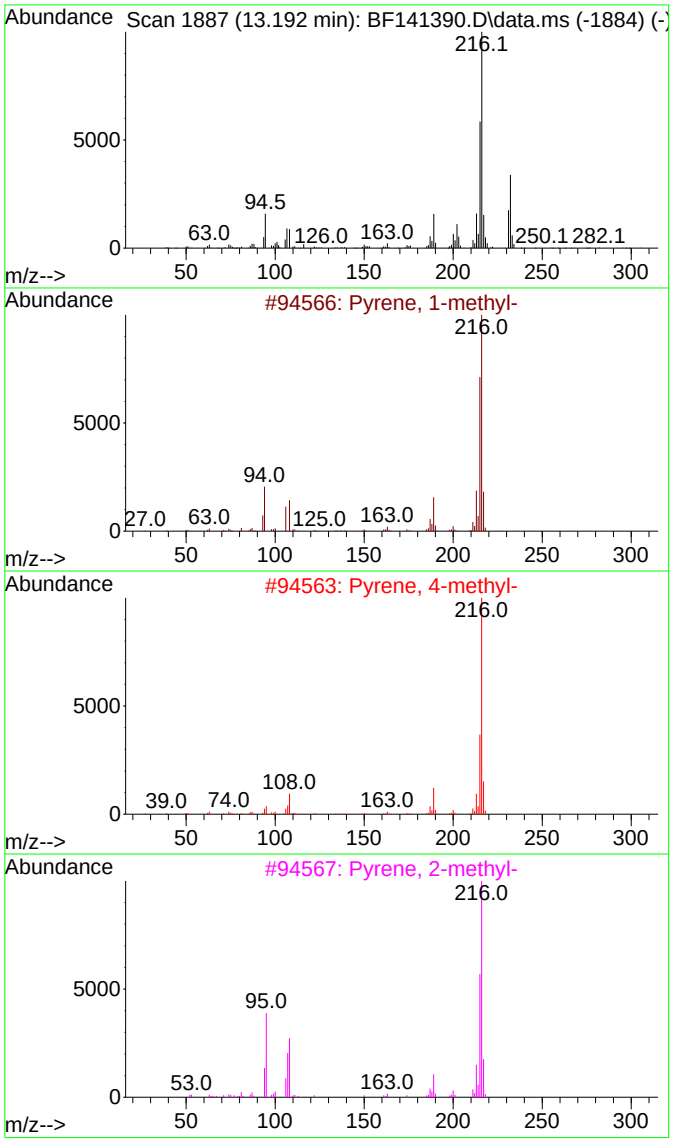
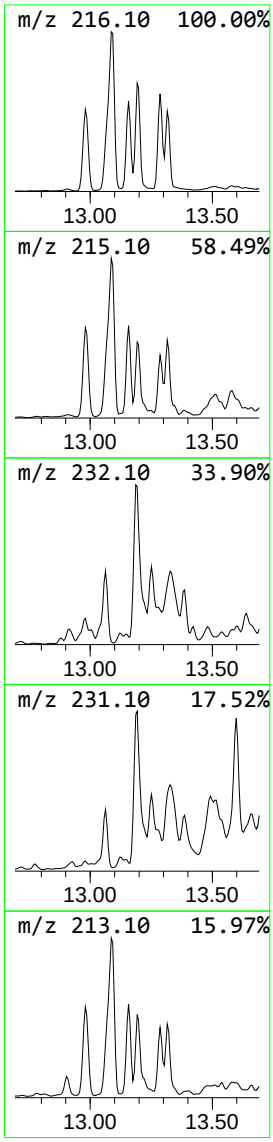
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	4.95 ng	925530	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





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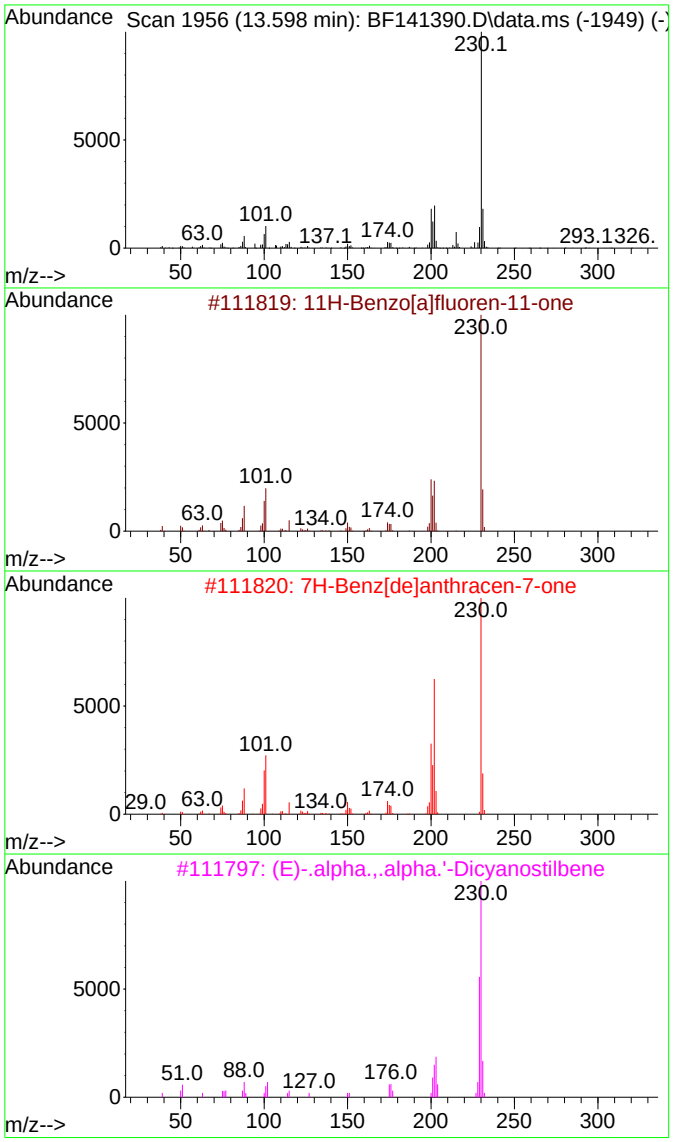
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

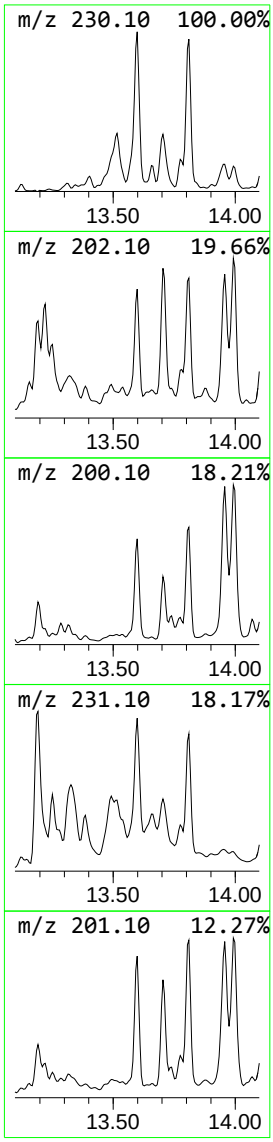
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.598	2.80 ng	522421	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	72
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72
5	p-Terphenyl	230	C18H14	000092-94-4	64





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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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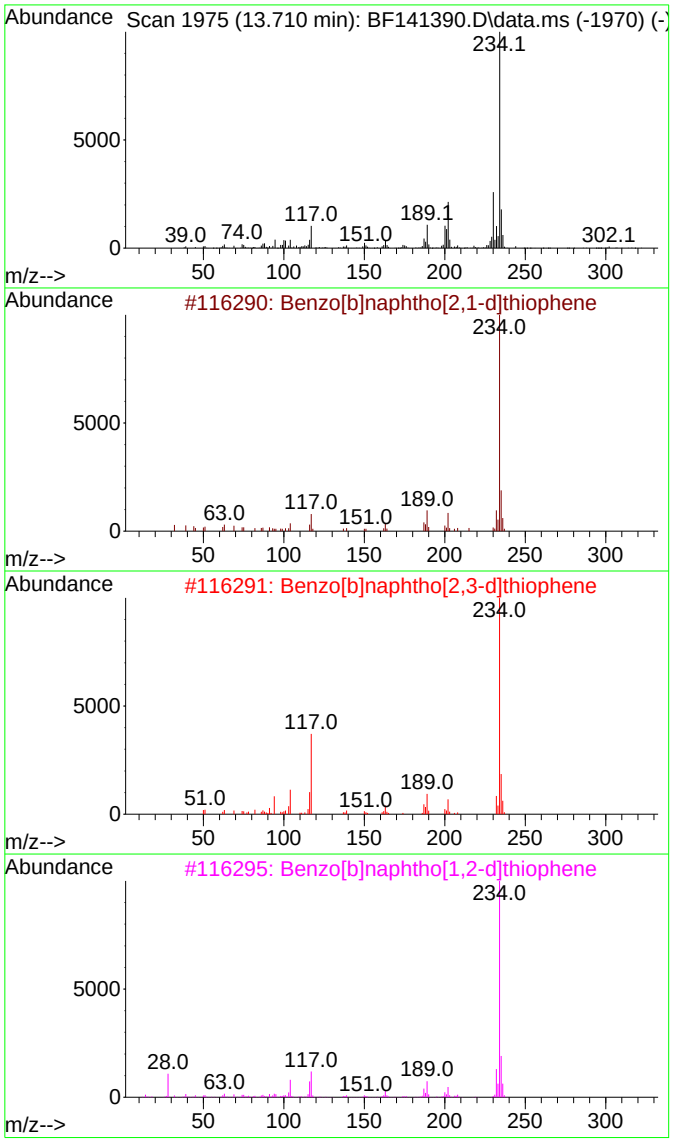
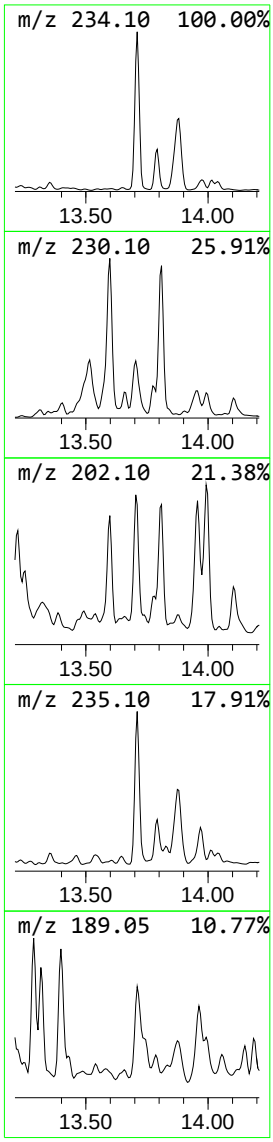
Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.710	2.94 ng	548938	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	70
4	Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	49
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	47





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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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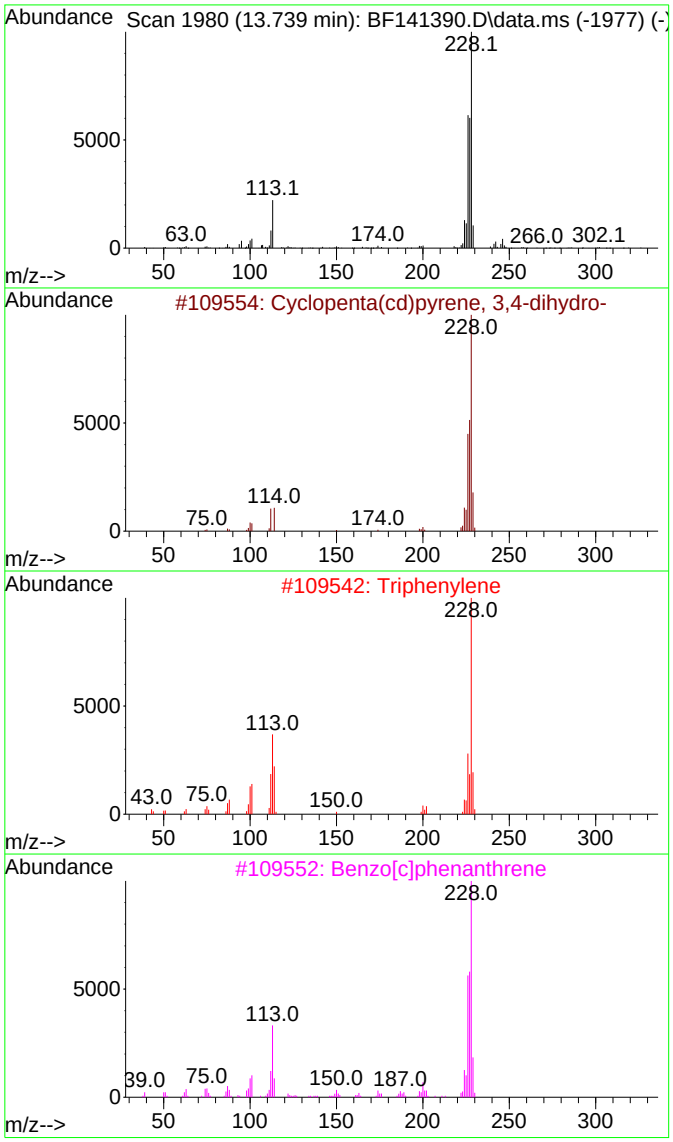
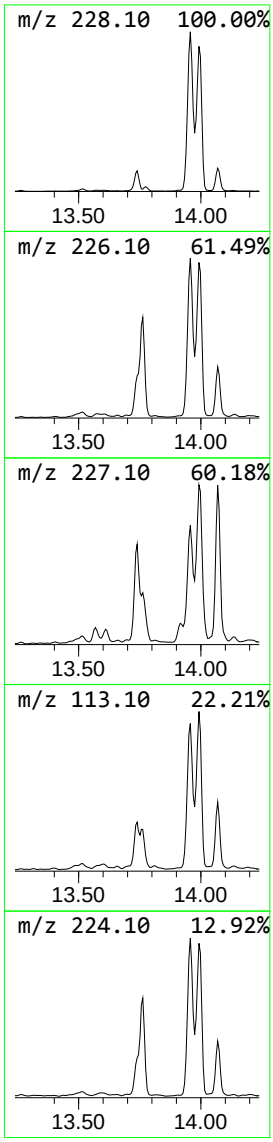
Peak Number 12 unknown13.739 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.739	2.97 ng	555575	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	49
2	Triphenylene	228	C18H12	000217-59-4	43
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	40
4	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	38
5	Benz[a]anthracene	228	C18H12	000056-55-3	38





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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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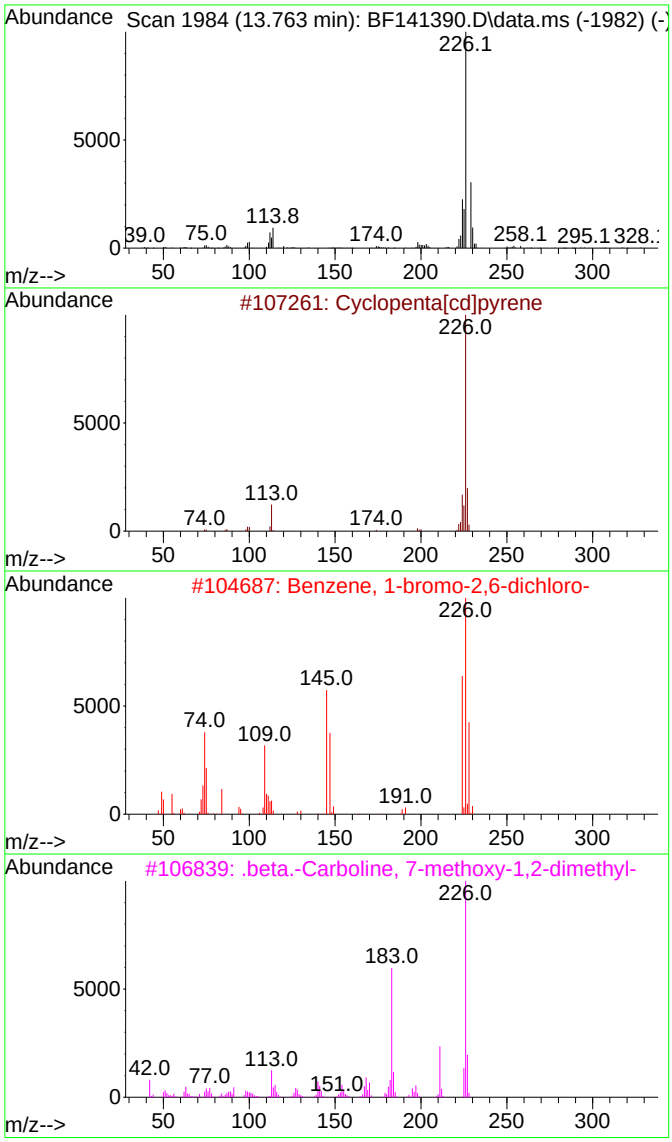
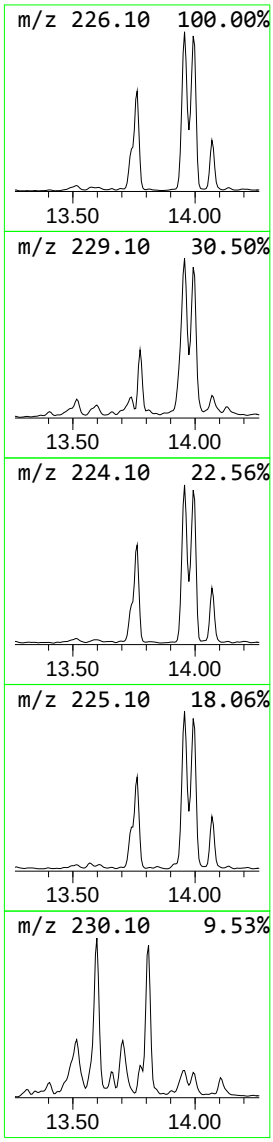
Peak Number 13 Cyclopenta[cd]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.763	3.48 ng	649381	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	53
2	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	38
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	28
4	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	25
5	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	12





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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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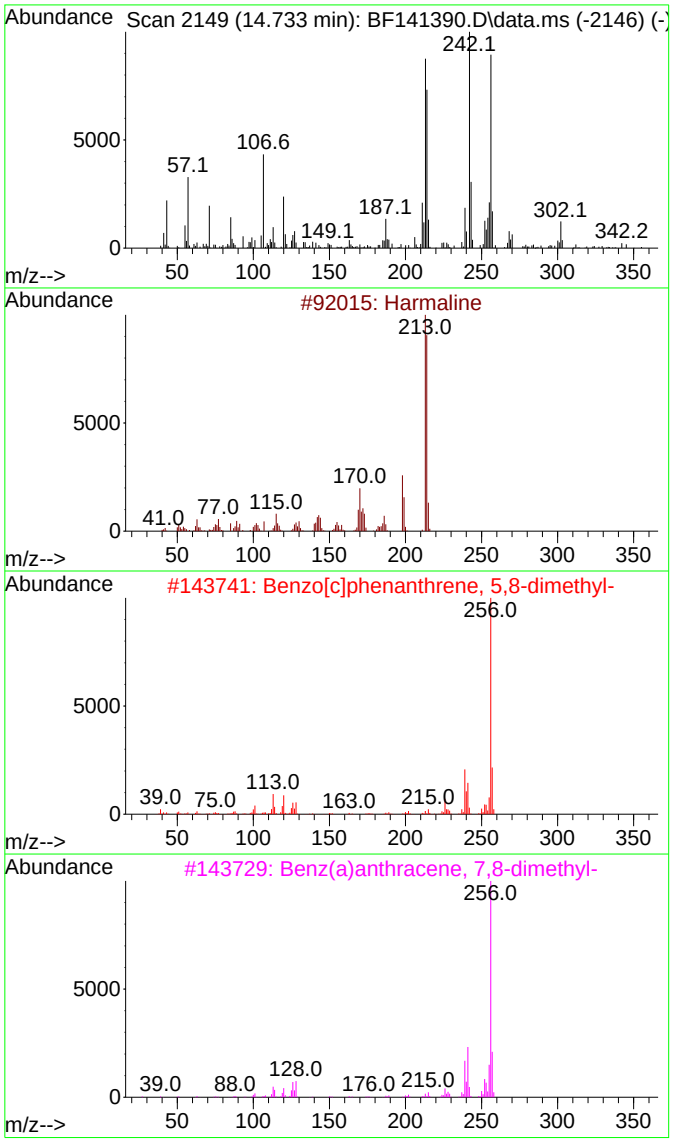
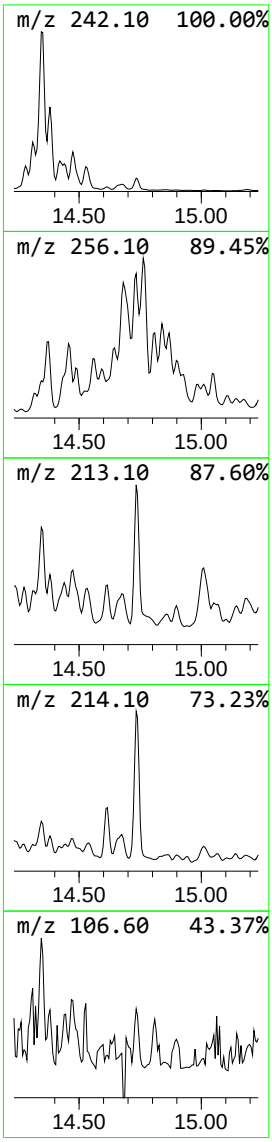
Peak Number 14 unknown14.733 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	6.75 ng	107588	Perylene-d12	15.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Harmaline	214	C13H14N2O	000304-21-2	22
2	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	15
3	Benz(a)anthracene, 7,8-dimethyl-	256	C20H16	000604-81-9	15
4	Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	15
5	8,9,10,11-Tetrahydrobenzo[k]fluo...	256	C20H16	033942-81-3	15





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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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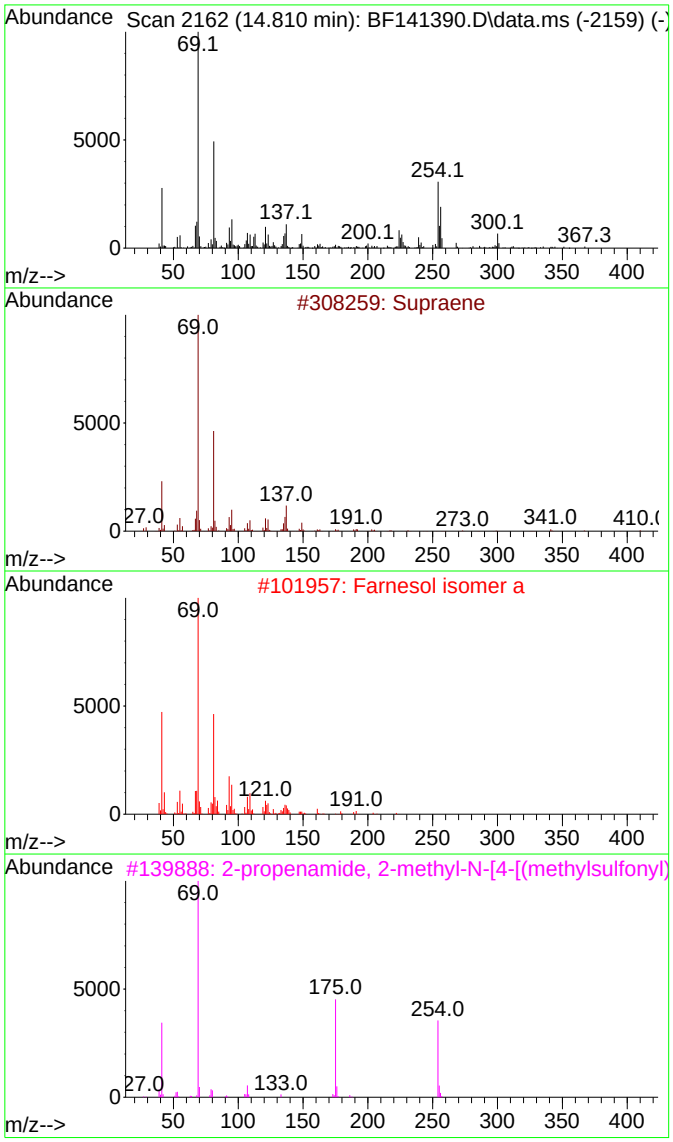
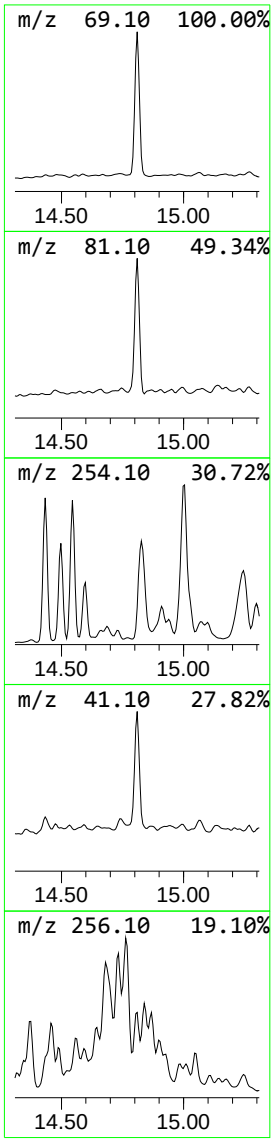
Peak Number 15 Supraene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.810	11.33 ng	180538	Perylene-d12	15.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	60
2	Farnesol isomer a	222	C15H26O	1000108-92-4	53
3	2-propenamide, 2-methyl-N-[4-[(m...	254	C11H14N2O3S	1000401-43-5	49
4	Squalene	410	C30H50	000111-02-4	49
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	47





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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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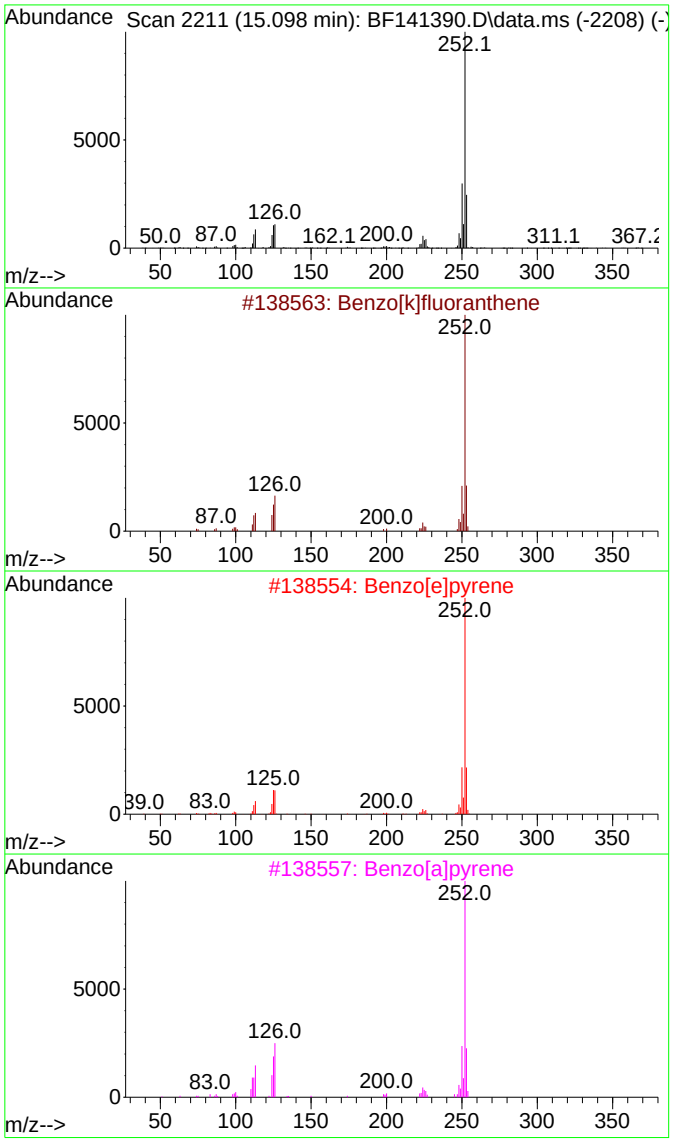
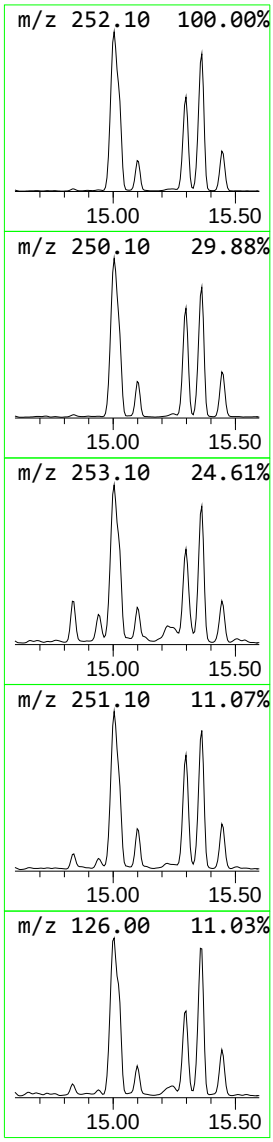
Peak Number 16 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.098	23.19 ng	369597	Perylene-d12	15.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89





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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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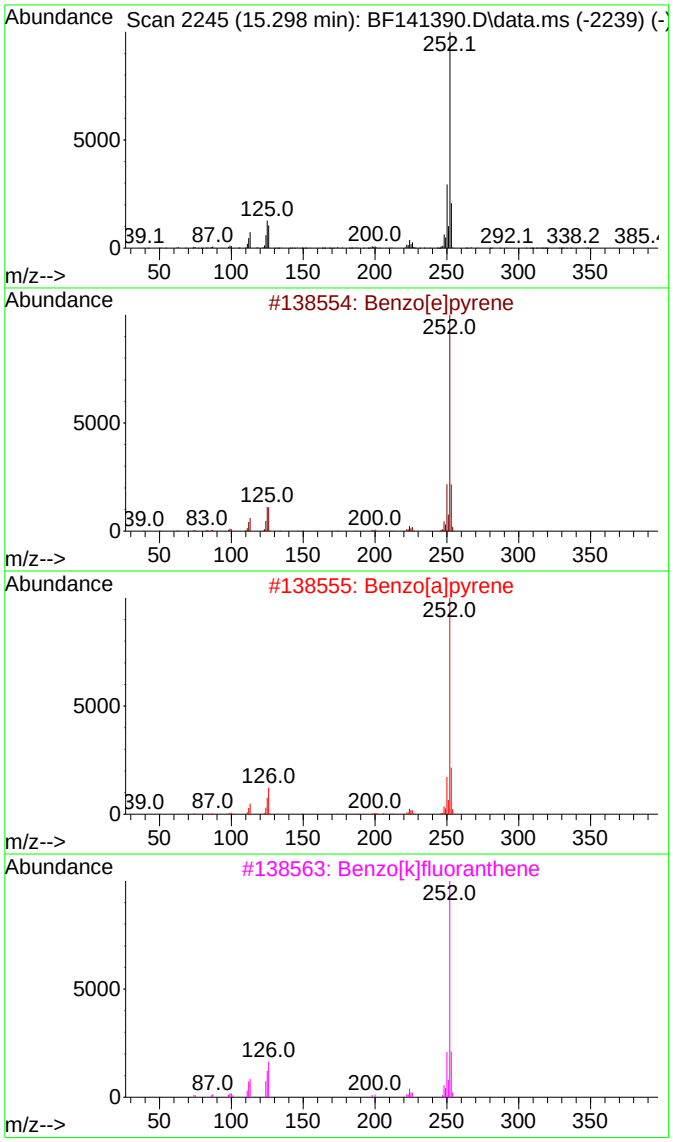
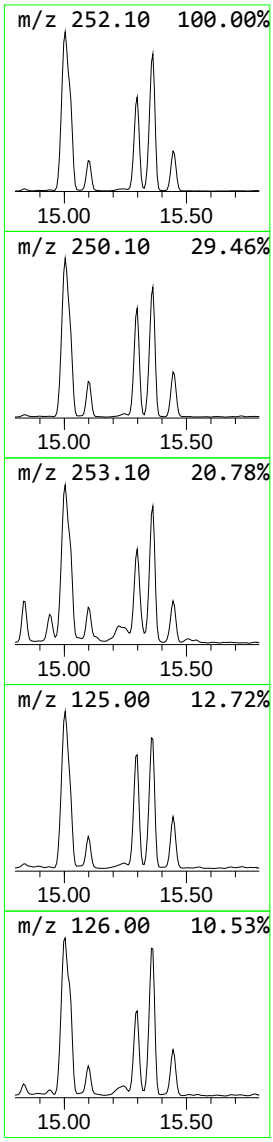
Peak Number 17 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	90.46 ng	1441720	Perylene-d12	15.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	90





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Acq On : 04 Feb 2025 00:49
Operator : RC/JU
Sample : Q1232-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.2-012925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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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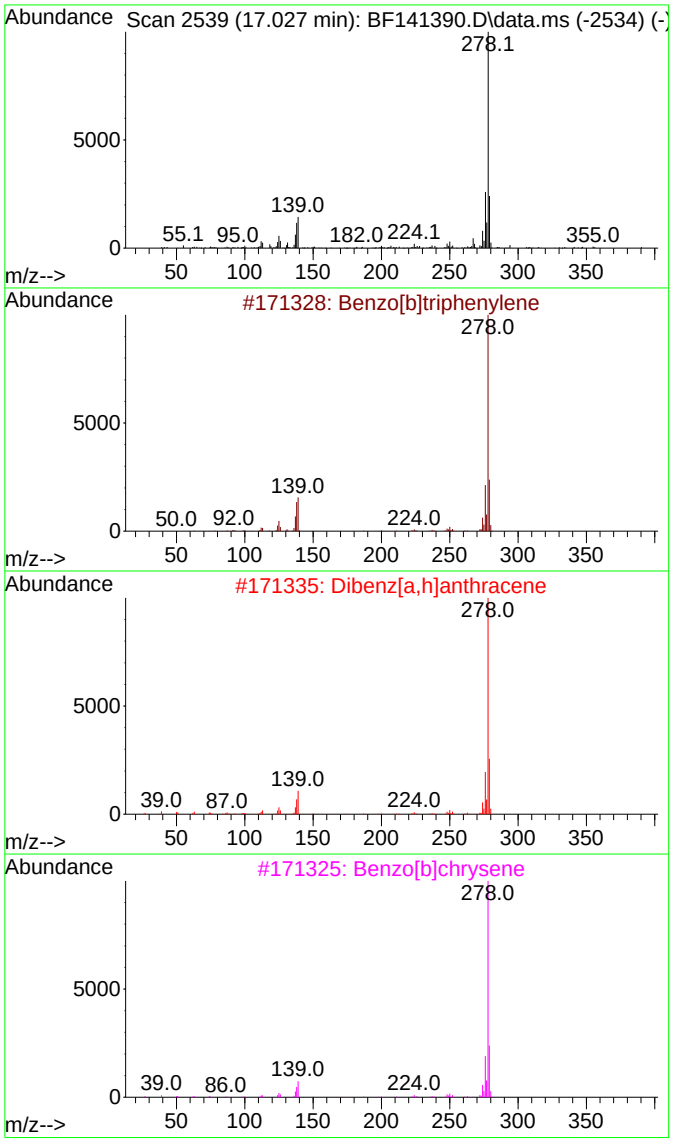
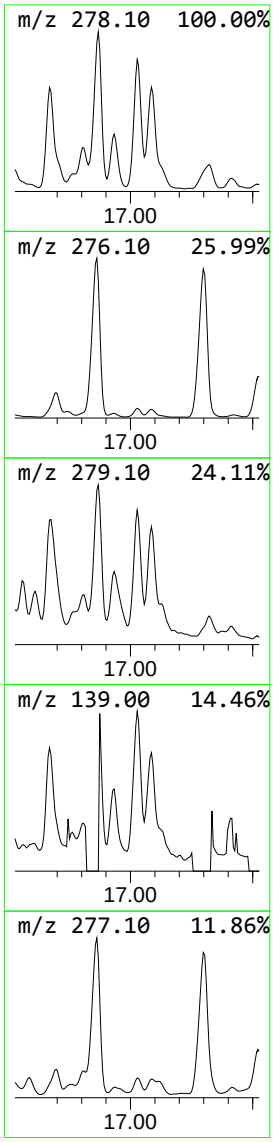
Peak Number 18 Benzo[b]triphenylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.027	13.46 ng	214440	Perylene-d12	15.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
3	Benzo[b]chrysene	278	C22H14	000214-17-5	98
4	Picene	278	C22H14	000213-46-7	98
5	Pentaphene	278	C22H14	000222-93-5	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141390.D
Acq On : 04 Feb 2025 00:49
Operator : RC/JU
Sample : Q1232-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.2-012925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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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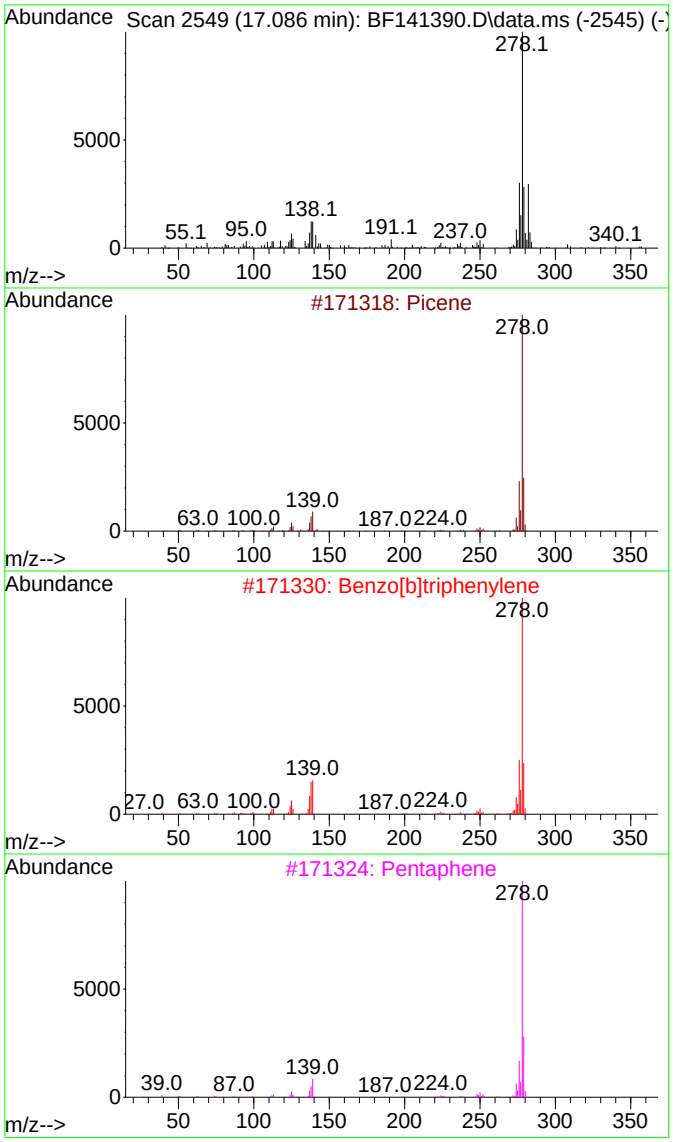
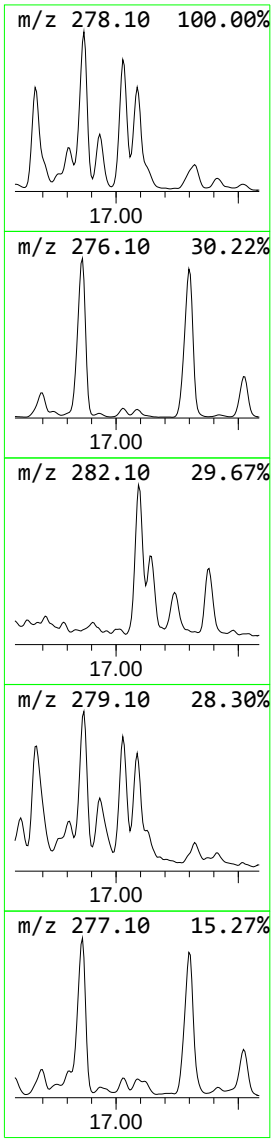
Peak Number 19 Picene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.086	10.23 ng	163103	Perylene-d12	15.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	93
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	91
3	Pentaphene	278	C22H14	000222-93-5	86
4	Pentacene	278	C22H14	000135-48-8	86
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141390.D
Acq On : 04 Feb 2025 00:49
Operator : RC/JU
Sample : Q1232-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.2-012925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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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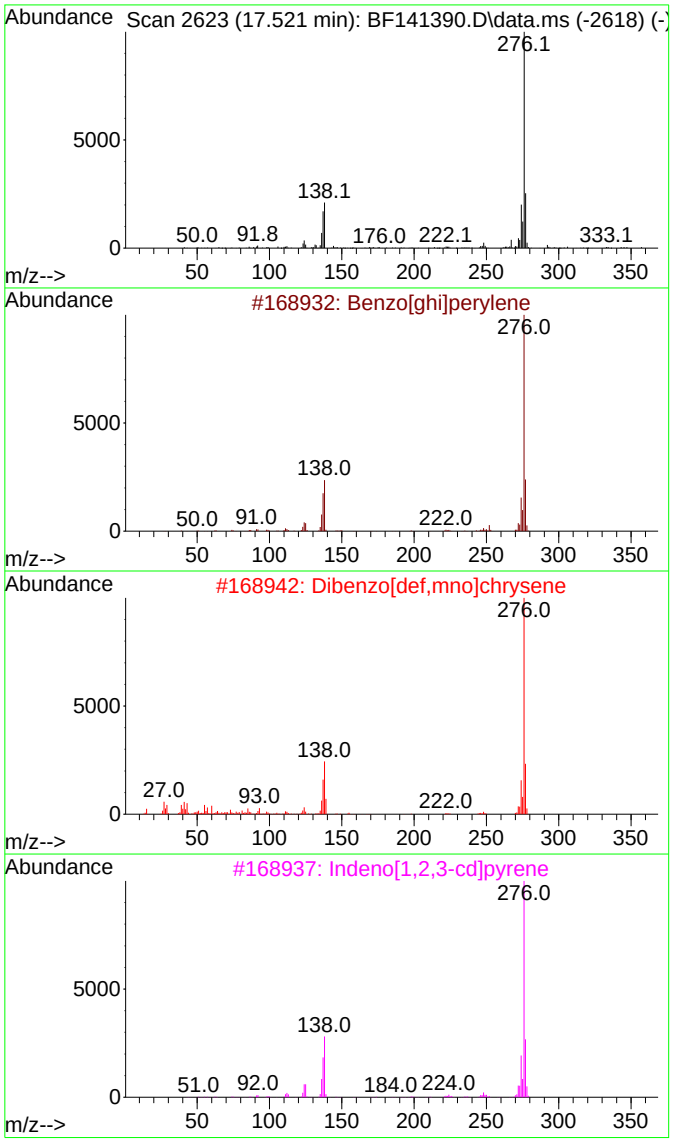
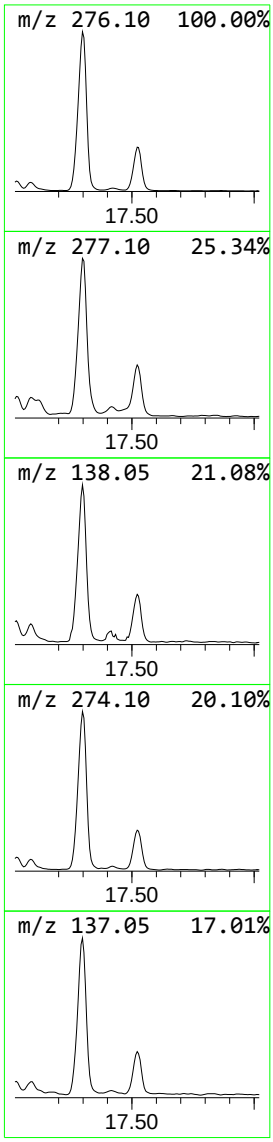
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.521	19.51 ng	310951	Perylene-d12	15.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	97
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	87
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	80
5	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141390.D
Acq On : 04 Feb 2025 00:49
Operator : RC/JU
Sample : Q1232-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.2-012925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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, 2,...	9.486	2.6	ng	89622	3	9.828	685725	20.0
1-Isopropenylna...	10.439	3.4	ng	115409	3	9.828	685725	20.0
Benzophenone	10.539	10.1	ng	345917	3	9.828	685725	20.0
Phenanthrene, 4...	11.822	2.9	ng	523079	4	11.316	3634170	20.0
Phenanthrene, 2...	11.851	4.2	ng	756474	4	11.316	3634170	20.0
4H-Cyclopenta[d...	11.933	7.4	ng	1337840	4	11.316	3634170	20.0
Fluoranthene, 2...	12.980	4.1	ng	766671	5	13.969	3736530	20.0
11H-Benzo[b]flu...	13.086	5.7	ng	1071200	5	13.969	3736530	20.0
Pyrene, 1-methyl-	13.192	5.0	ng	925530	5	13.969	3736530	20.0
11H-Benzo[a]flu...	13.598	2.8	ng	522421	5	13.969	3736530	20.0
Benzo[b]naphtho...	13.710	2.9	ng	548938	5	13.969	3736530	20.0
unknown13.739	13.739	3.0	ng	555575	5	13.969	3736530	20.0
Cyclopenta[cd]p...	13.763	3.5	ng	649381	5	13.969	3736530	20.0
unknown14.733	14.733	6.8	ng	107588	6	15.416	318746	20.0
Supraene	14.810	11.3	ng	180538	6	15.416	318746	20.0
Benzo[e]pyrene	15.098	23.2	ng	369597	6	15.416	318746	20.0
Perylene	15.298	90.5	ng	1441720	6	15.416	318746	20.0
Benzo[b]triphen...	17.027	13.5	ng	214440	6	15.416	318746	20.0
Picene	17.086	10.2	ng	163103	6	15.416	318746	20.0
Dibenzo[def,mno...	17.521	19.5	ng	310951	6	15.416	318746	20.0