LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
Data File : BF141313.D
Acq On : 30 Jan 2025 15:11
Operator : RC/JU
Sample : Q1209-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

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: BF141313.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.187	10	16	28	rVB	64211	105300	2.78%	0.186%
2	5.010	486	496	513	rVB2	46966	81810	2.16%	0.144%
3	5.410	558	564	569	rBV	2150448	2842837	75.02%	5.017%
4	6.422	730	736	754	rVB	2123010	2926372	77.23%	5.164%
5	6.798	794	800	805	rBV	808509	1028103	27.13%	1.814%
6	7.357	888	895	900	rBV	1396135	1881211	49.65%	3.320%
7	7.616	934	939	949	rBV	83922	110432	2.91%	0.195%
8	8.075	1011	1017	1034	rBV	993609	1409046	37.19%	2.487%
9	8.298	1050	1055	1062	rBV	33970	43765	1.15%	0.077%
10	9.151	1194	1200	1206	rBV	2315536	3172622	83.73%	5.599%
11	9.492	1251	1258	1261	rBV	43870	69451	1.83%	0.123%
12	9.834	1308	1316	1320	rBV	1153488	1569712	41.43%	2.770%
13	9.863	1320	1321	1326	rVV	126386	113968	3.01%	0.201%
14	10.034	1346	1350	1354	rBV	61971	82852	2.19%	0.146%
15	10.075	1354	1357	1365	rVB	33171	46702	1.23%	0.082%
16	10.151	1365	1370	1372	rBV	35553	47868	1.26%	0.084%
17	10.239	1381	1385	1393	rBV3	34566	80307	2.12%	0.142%
18	10.381	1404	1409	1414	rVB2	116283	155636	4.11%	0.275%
19	10.445	1414	1420	1422	rBV2	32409	58694	1.55%	0.104%
20	10.545	1431	1437	1443	rVB2	565831	775244	20.46%	1.368%
21	10.622	1444	1450	1455	rBV	1496052	1964756	51.85%	3.467%
22	10.745	1466	1471	1477	rVB4	65527	101035	2.67%	0.178%
23	10.857	1486	1490	1496	rVB	39650	54580	1.44%	0.096%
24	10.928	1496	1502	1506	rBV3	65559	130616	3.45%	0.231%
25	11.057	1519	1524	1526	rBV2	68142	102569	2.71%	0.181%
26	11.128	1532	1536	1540	rVB	73638	94813	2.50%	0.167%
27	11.169	1540	1543	1548	rVV3	65348	124717	3.29%	0.220%
28	11.216	1548	1551	1557	rVB	84786	124979	3.30%	0.221%
29	11.322	1563	1569	1571	rBV	1128015	1627444	42.95%	2.872%
30	11.345	1571	1573	1578	rVV	1701881	1935766	51.09%	3.416%
31	11.398	1578	1582	1585	rVV	394889	522471	13.79%	0.922%
32	11.428	1585	1587	1591	rVB2	54291	63844	1.68%	0.113%
33	11.551	1602	1608	1616	rBV3	113567	248616	6.56%	0.439%
34	11.622	1616	1620	1623	rVV	84208	119770	3.16%	0.211%
35	11.651	1623	1625	1630	rVB3	54152	71622	1.89%	0.126%
36	11.822	1649	1654	1656	rBV	283077	368819	9.73%	0.651%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
Data File : BF141313.D
Acq On : 30 Jan 2025 15:11
Operator : RC/JU
Sample : Q1209-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

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	11.851	1656	1659	1664	rVV2	654704	941091	24.84%	1.661%
38	11.898	1664	1667	1670	rVV	158455	222670	5.88%	0.393%
39	11.933	1670	1673	1682	rVB	475695	876224	23.12%	1.546%
40	12.028	1682	1689	1692	rBV5	68050	149397	3.94%	0.264%
41	12.122	1700	1705	1707	rBV	202706	306485	8.09%	0.541%
42	12.269	1725	1730	1733	rBV	83452	123435	3.26%	0.218%
43	12.298	1733	1735	1737	rBV	42350	40549	1.07%	0.072%
44	12.375	1743	1748	1751	rBV	155576	219985	5.81%	0.388%
45	12.416	1751	1755	1759	rVV3	106218	187090	4.94%	0.330%
46	12.463	1759	1763	1769	rVB	170673	256161	6.76%	0.452%
47	12.539	1770	1776	1781	rBV	2852281	3789252	100.00%	6.687%
48	12.598	1781	1786	1790	rVB2	56598	100659	2.66%	0.178%
49	12.686	1790	1801	1805	rBV3	95011	266587	7.04%	0.470%
50	12.769	1808	1815	1820	rBV2	2315501	3663510	96.68%	6.465%
51	12.816	1820	1823	1829	rVB2	146989	213865	5.64%	0.377%
52	12.910	1830	1839	1846	rBV	2019698	2897075	76.46%	5.113%
53	12.986	1846	1852	1859	rBV4	224712	467834	12.35%	0.826%
54	13.092	1862	1870	1874	rVB2	322134	643099	16.97%	1.135%
55	13.157	1874	1881	1884	rBV	180066	275265	7.26%	0.486%
56	13.198	1884	1888	1895	rVB	251612	371685	9.81%	0.656%
57	13.292	1900	1904	1906	rBV	82324	96654	2.55%	0.171%
58	13.322	1906	1909	1918	rVB2	114005	182913	4.83%	0.323%
59	13.398	1919	1922	1927	rVB4	46800	70306	1.86%	0.124%
60	13.457	1928	1932	1935	rBV2	62032	109028	2.88%	0.192%
61	13.598	1952	1956	1962	rVB	206421	301062	7.95%	0.531%
62	13.710	1970	1975	1978	rBV2	214119	333956	8.81%	0.589%
63	13.745	1978	1981	1983	rVV	98466	118440	3.13%	0.209%
64	13.810	1989	1992	1998	rVB	241222	347418	9.17%	0.613%
65	13.886	1999	2005	2011	rBV	77684	216763	5.72%	0.383%
66	13.963	2011	2018	2022	rVV2	1588695	3033790	80.06%	5.354%
67	13.998	2022	2024	2031	rVB	1058050	1221167	32.23%	2.155%
68	14.074	2034	2037	2041	rVB	114453	145921	3.85%	0.258%
69	14.198	2055	2058	2062	rVB2	80810	106852	2.82%	0.189%
70	14.363	2082	2086	2090	rVV	178222	246805	6.51%	0.436%
71	14.398	2090	2092	2096	rVB2	103851	126260	3.33%	0.223%
72	14.463	2099	2103	2106	rBV2	91659	116459	3.07%	0.206%
73	14.498	2106	2109	2111	rBV	54824	72706	1.92%	0.128%
74	14.680	2136	2140	2143	rBV2	75597	116309	3.07%	0.205%
75	14.763	2151	2154	2164	rVB5	65070	161696	4.27%	0.285%
76	14.863	2165	2171	2179	rVB2	86606	201361	5.31%	0.355%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
Data File : BF141313.D
Acq On : 30 Jan 2025 15:11
Operator : RC/JU
Sample : Q1209-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

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	14.933	2179	2183	2186	rBV	50766	76830	2.03%	0.136%
78	15.027	2193	2199	2208	rBV	1082331	2523537	66.60%	4.453%
79	15.127	2212	2216	2221	rVB	185599	273196	7.21%	0.482%
80	15.233	2228	2234	2238	rBV2	65985	164241	4.33%	0.290%
81	15.280	2239	2242	2244	rBV2	30730	38243	1.01%	0.067%
82	15.321	2244	2249	2255	rVB	533778	872376	23.02%	1.540%
83	15.386	2255	2260	2265	rBV	818345	1198306	31.62%	2.115%
84	15.445	2265	2270	2274	rBV	563801	939403	24.79%	1.658%
85	15.921	2348	2351	2356	rBV2	35690	57217	1.51%	0.101%
86	15.998	2361	2364	2374	rVB3	44591	81447	2.15%	0.144%
87	16.727	2479	2488	2502	rBV4	94377	336294	8.87%	0.593%
88	16.898	2510	2517	2525	rVB2	460793	1017450	26.85%	1.796%
89	17.068	2540	2546	2551	rBV	95548	203038	5.36%	0.358%
90	17.127	2551	2556	2561	rVV2	71020	139114	3.67%	0.246%
91	17.333	2583	2591	2607	rVB	359718	875823	23.11%	1.546%
92	17.562	2624	2630	2645	rVB2	99657	271659	7.17%	0.479%

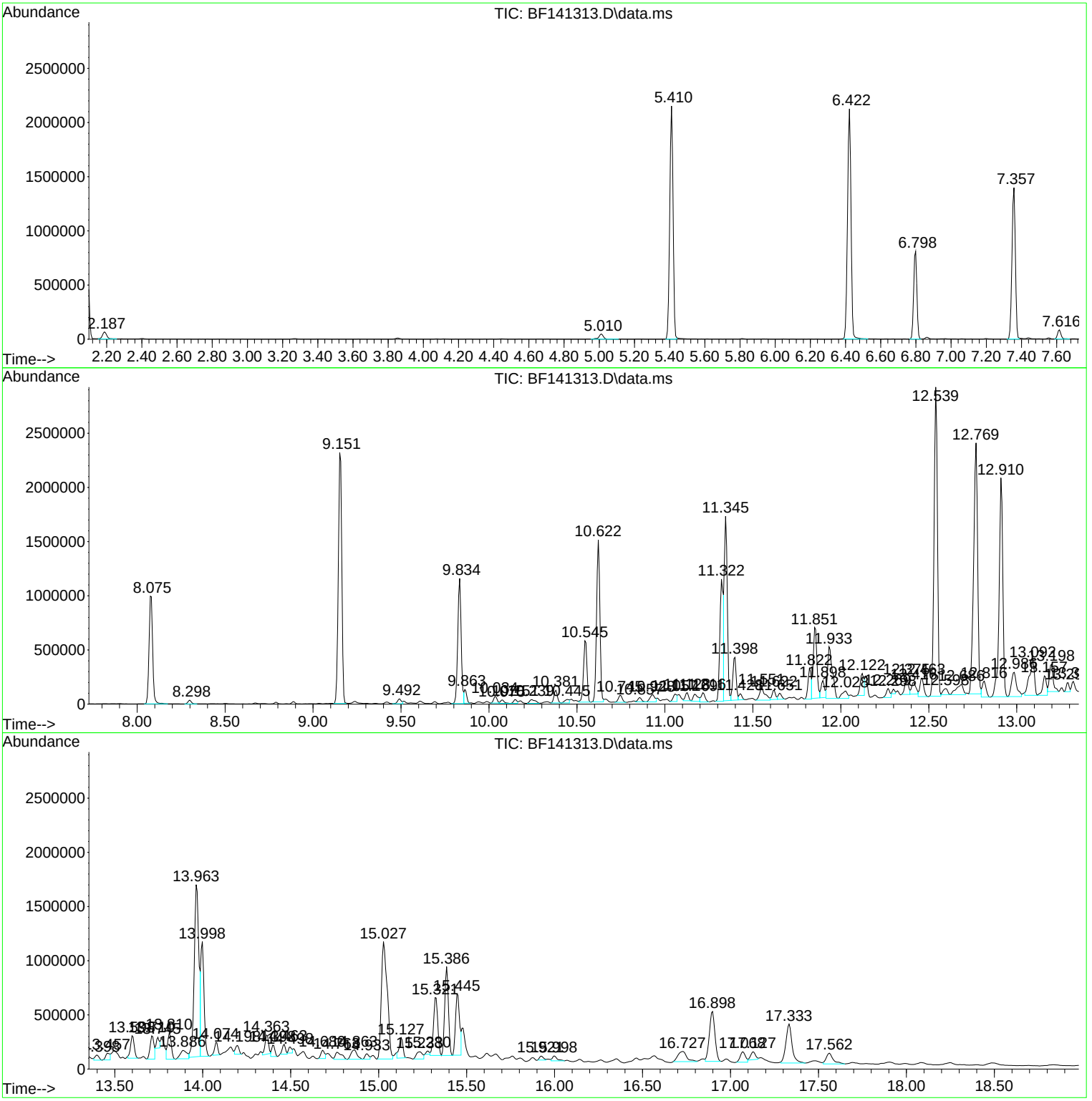
Sum of corrected areas: 56664307

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
Data File : BF141313.D
Acq On : 30 Jan 2025 15:11
Operator : RC/JU
Sample : Q1209-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

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\BF013025\
Data File : BF141313.D
Acq On : 30 Jan 2025 15:11
Operator : RC/JU
Sample : Q1209-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

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

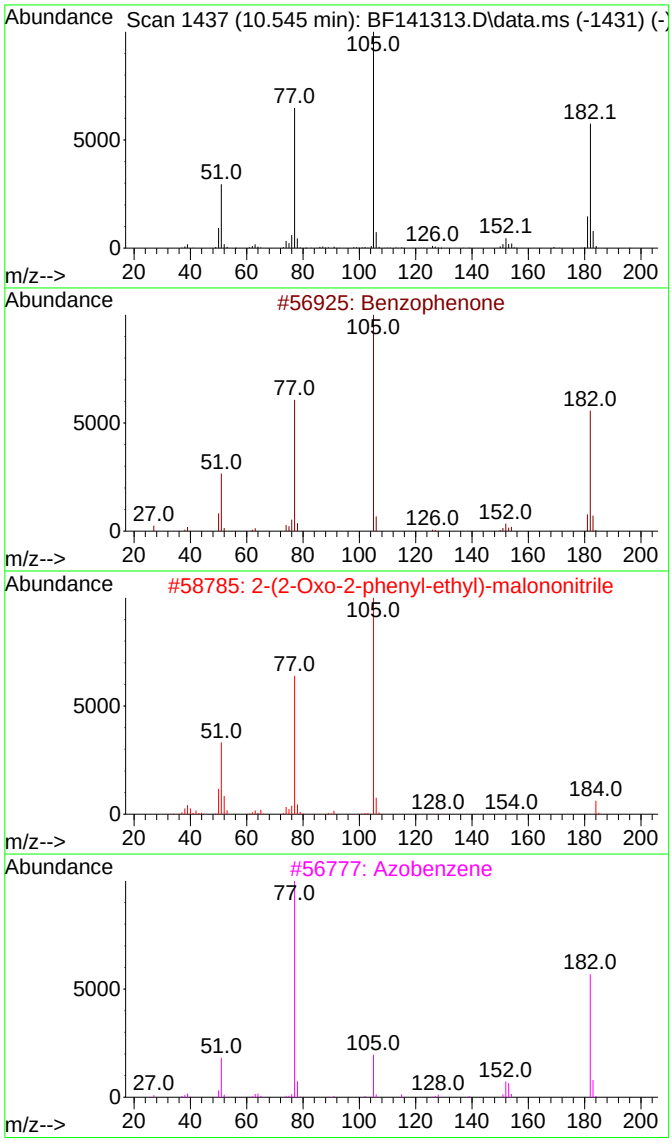
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

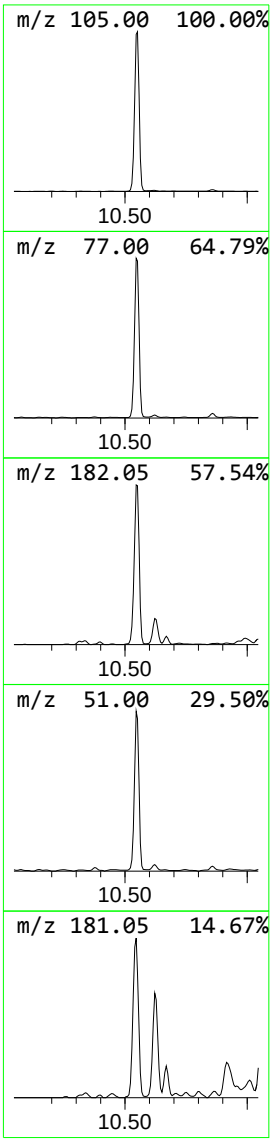
****

Peak Number 1 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.545	9.88 ng	775244	Acenaphthene-d10	9.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	53
3	Azobenzene	182	C12H10N2	000103-33-3	52
4	Isopropyl phenyl ketone	148	C10H12O	000611-70-1	47
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
Data File : BF141313.D
Acq On : 30 Jan 2025 15:11
Operator : RC/JU
Sample : Q1209-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

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

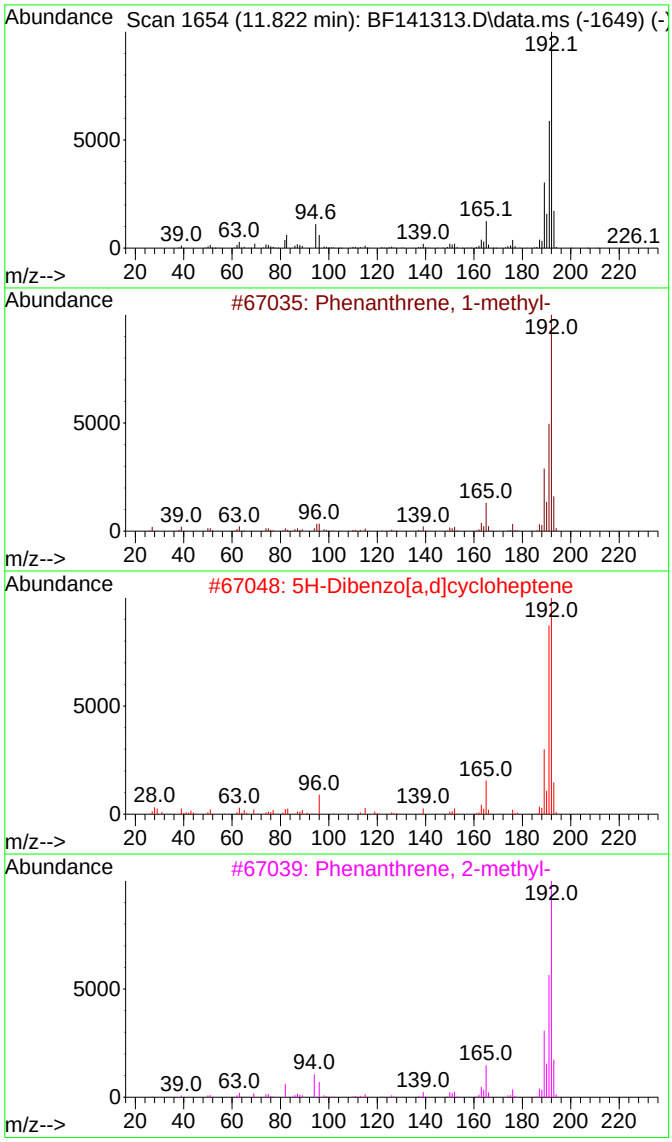
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

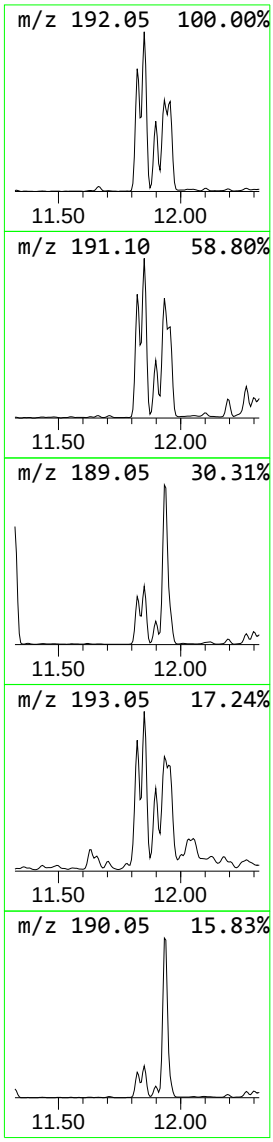
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	4.53 ng	368819	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
Data File : BF141313.D
Acq On : 30 Jan 2025 15:11
Operator : RC/JU
Sample : Q1209-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

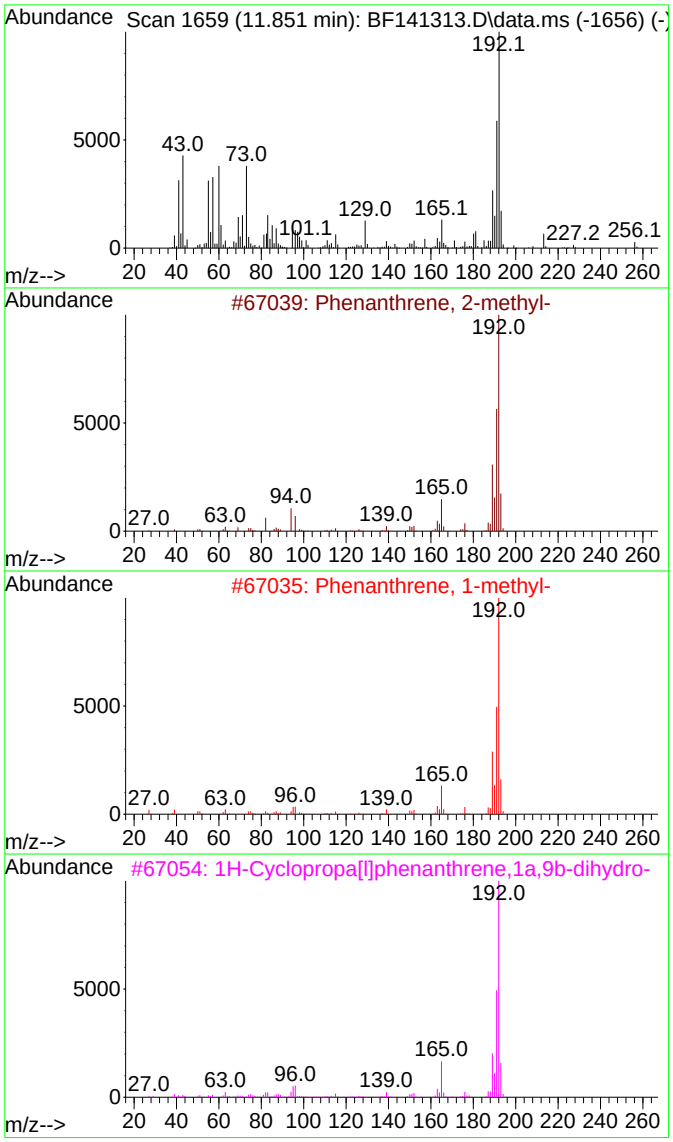
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

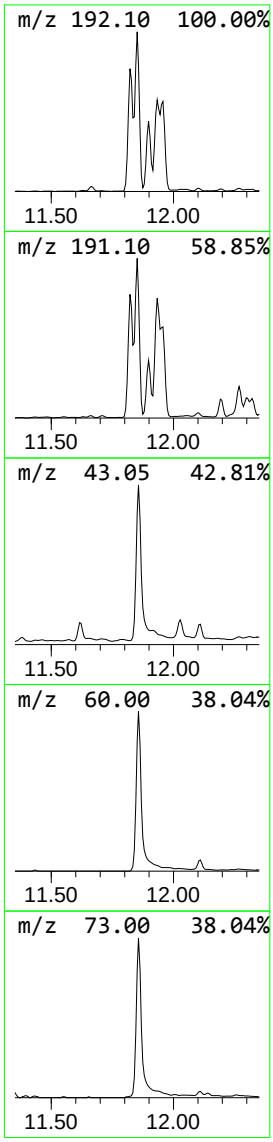
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	11.57 ng	941091	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
Data File : BF141313.D
Acq On : 30 Jan 2025 15:11
Operator : RC/JU
Sample : Q1209-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

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

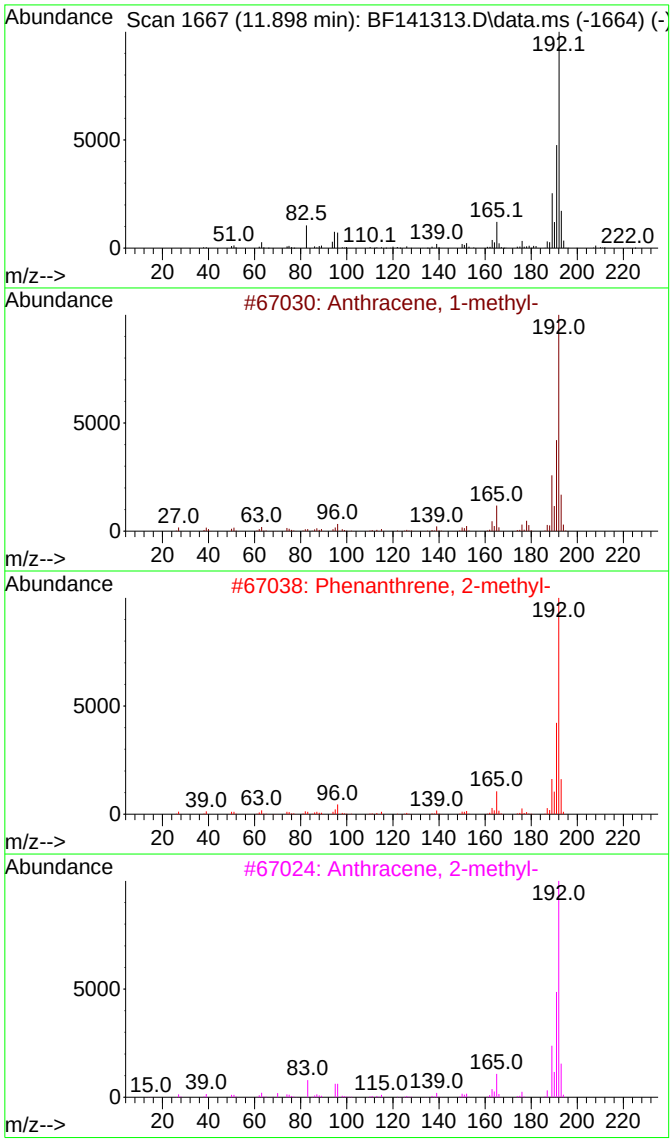
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

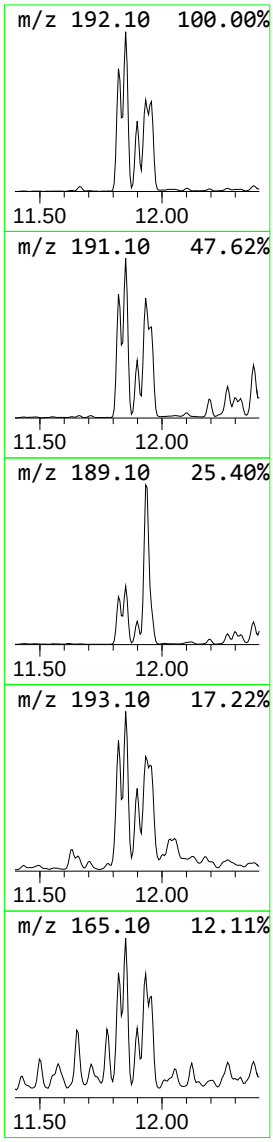
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	2.74 ng	222670	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
Data File : BF141313.D
Acq On : 30 Jan 2025 15:11
Operator : RC/JU
Sample : Q1209-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

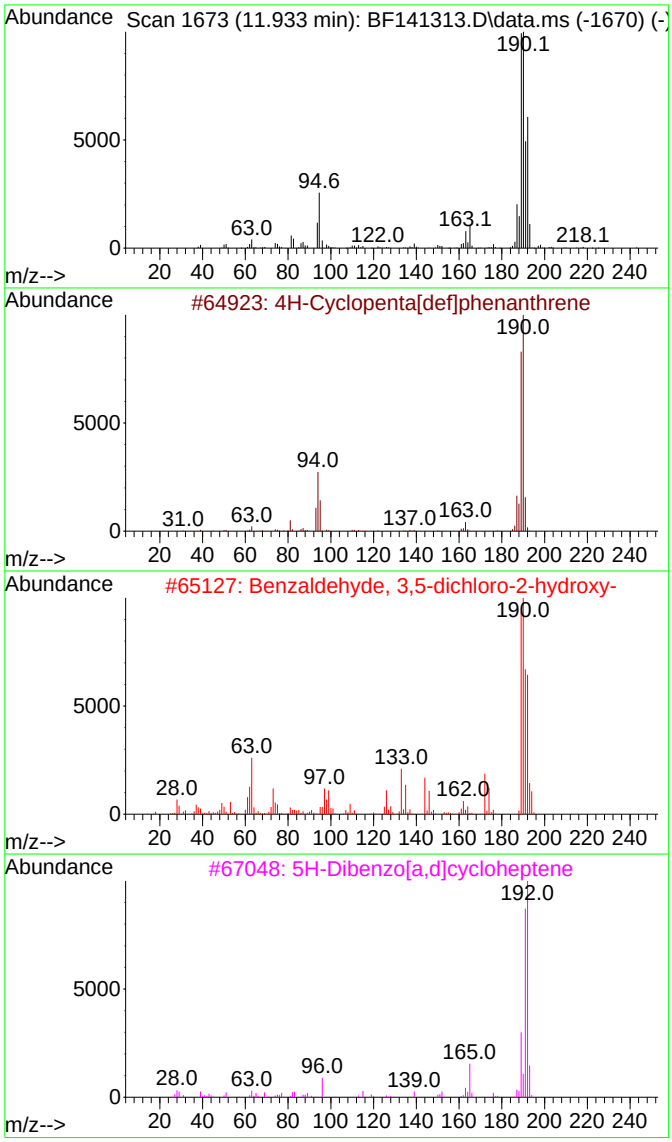
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

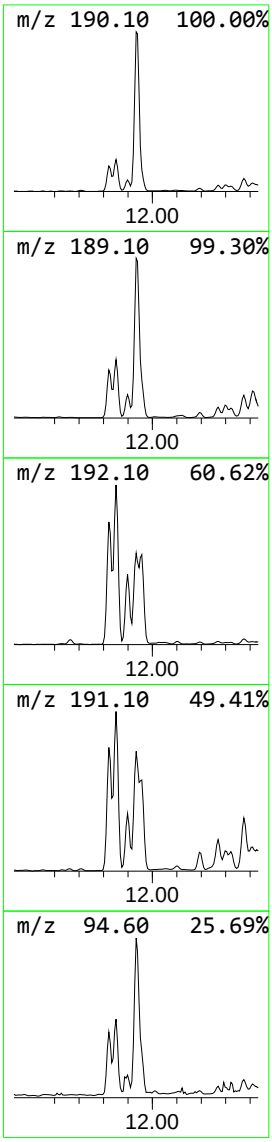
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	10.77 ng	876224	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
Data File : BF141313.D
Acq On : 30 Jan 2025 15:11
Operator : RC/JU
Sample : Q1209-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

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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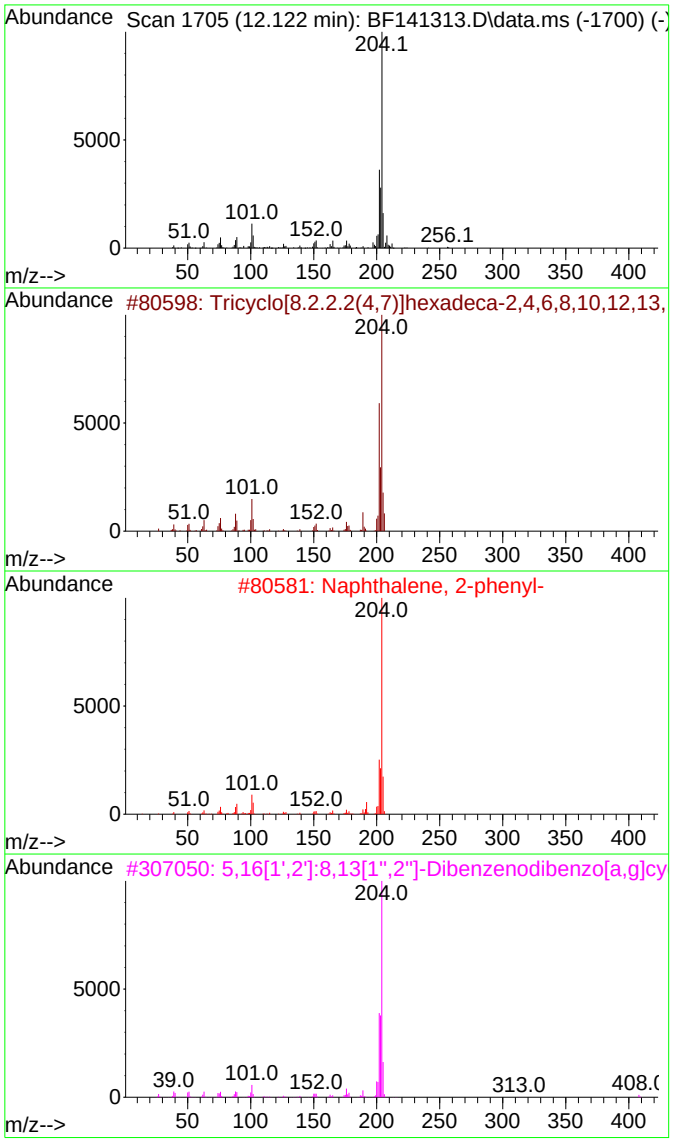
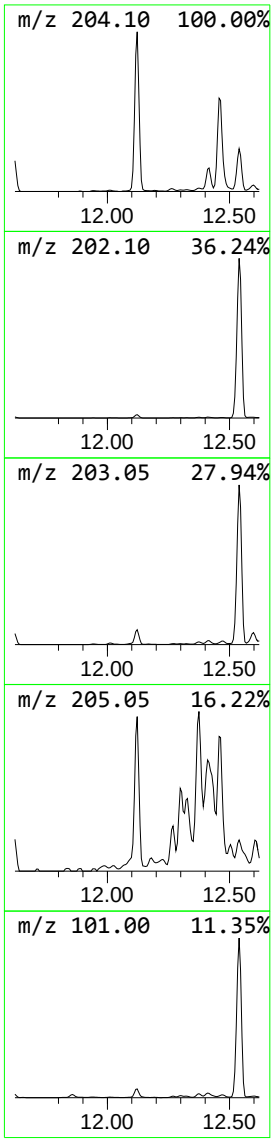
Peak Number 6 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.122	3.77 ng	306485	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50





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Operator : RC/JU
Sample : Q1209-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

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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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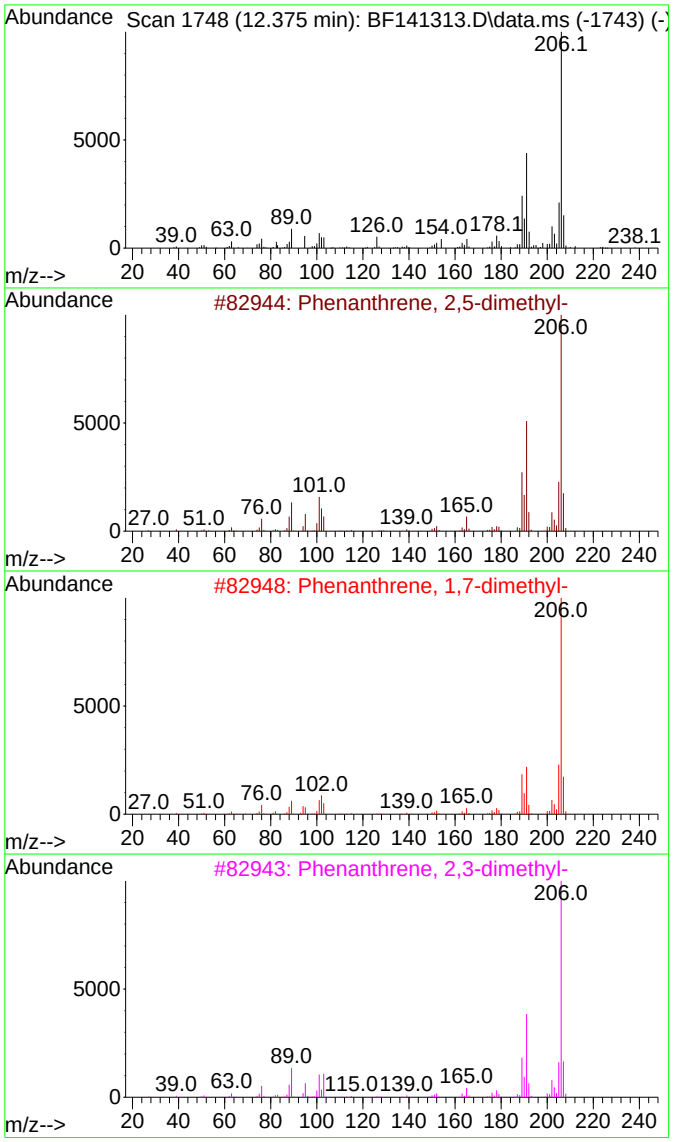
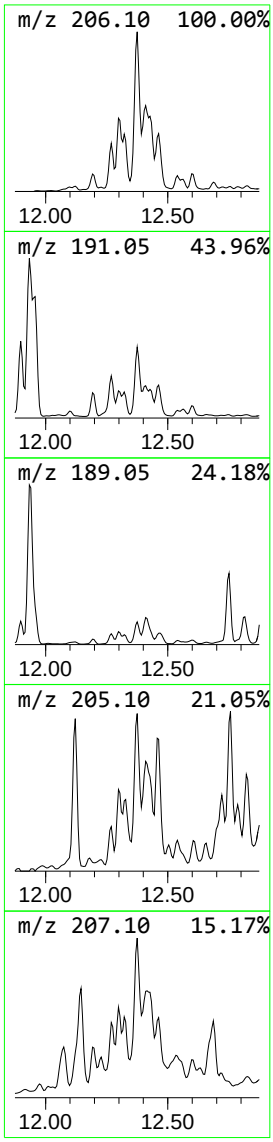
Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.375	2.70 ng	219985	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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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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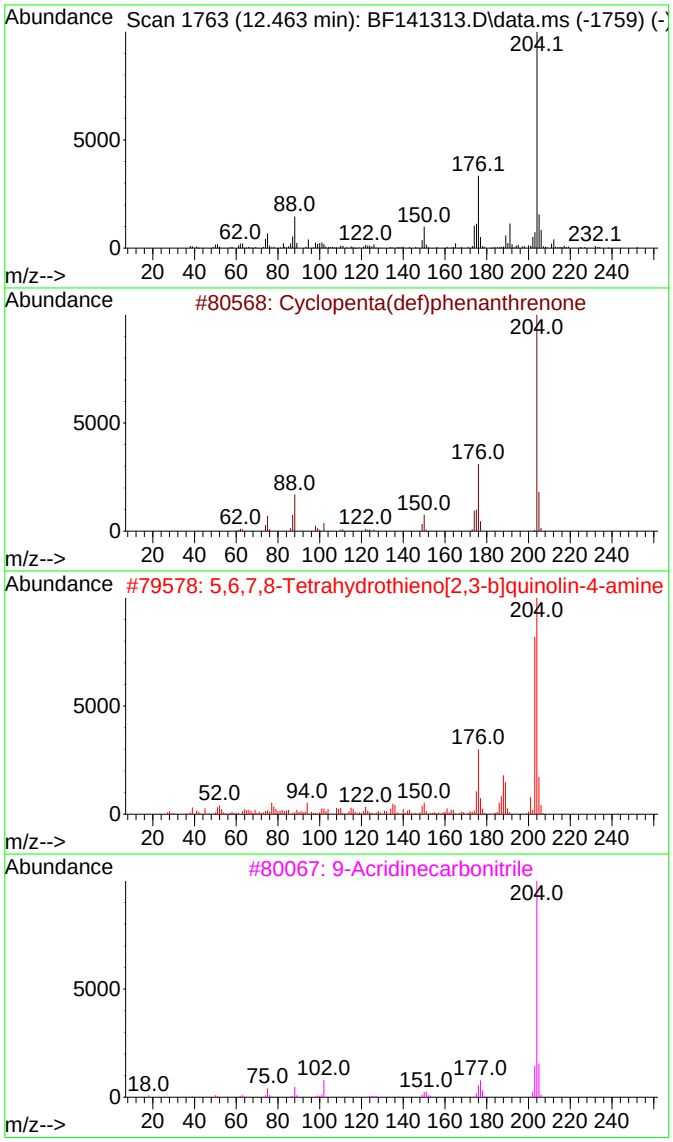
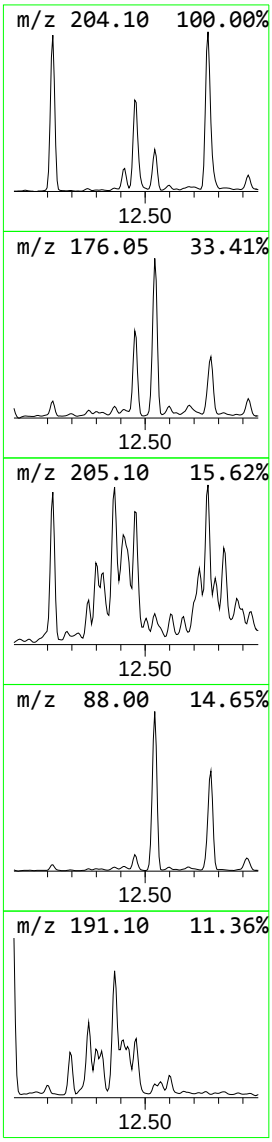
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	3.15 ng	256161	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
5	1,4-Naphthalenedione, 5,8-dihydr...	204	C11H8O4	014554-09-7	47





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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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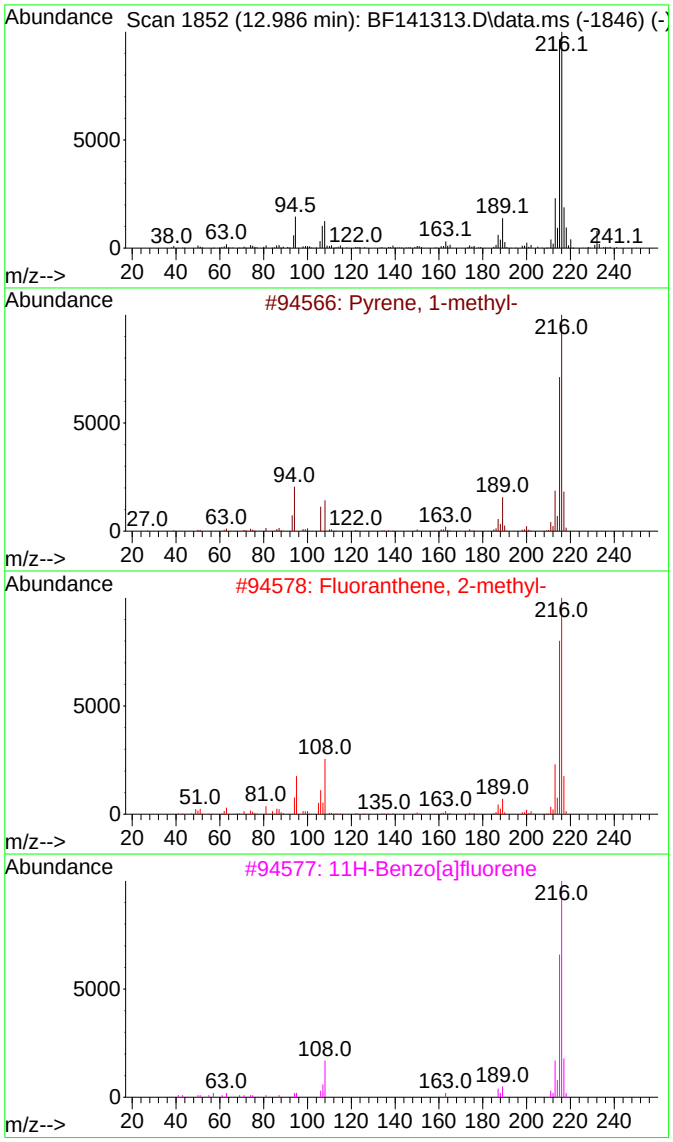
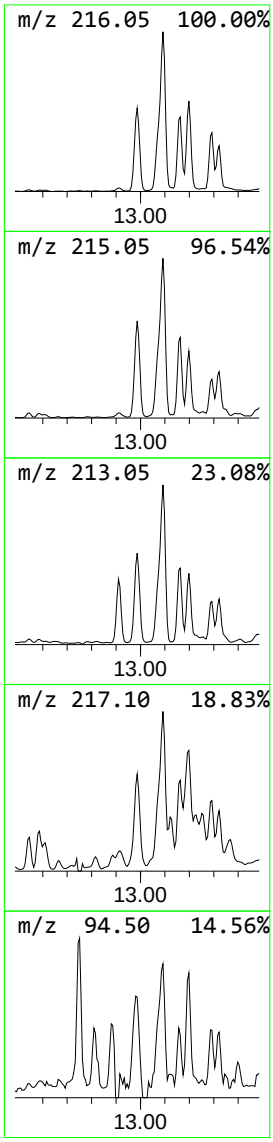
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.986	3.08 ng	467834	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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ALS Vial : 14 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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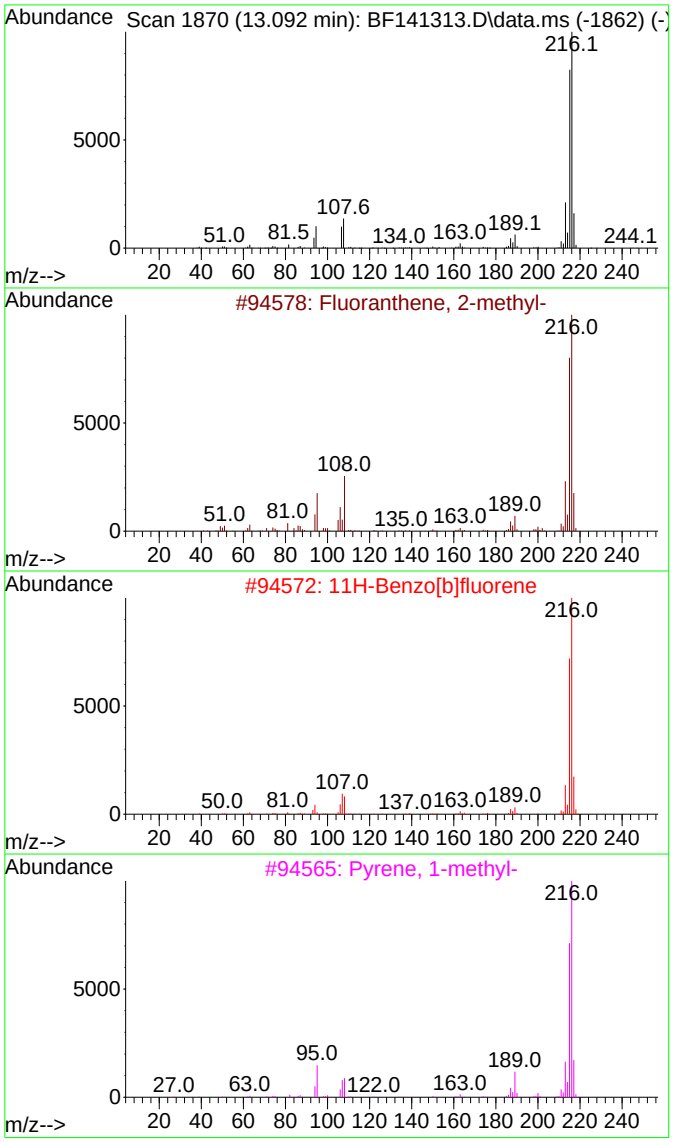
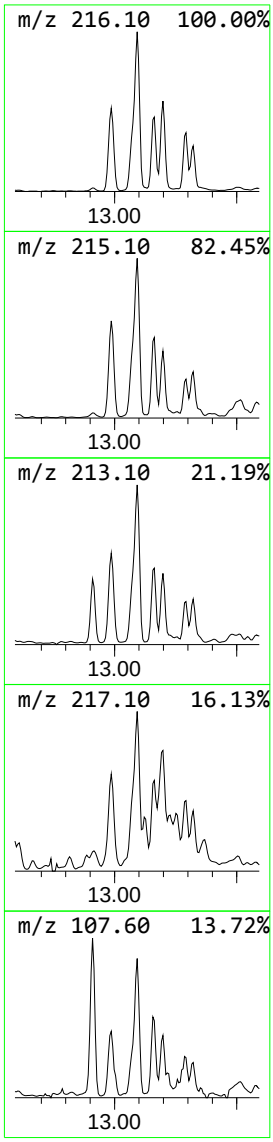
Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	4.24 ng	643099	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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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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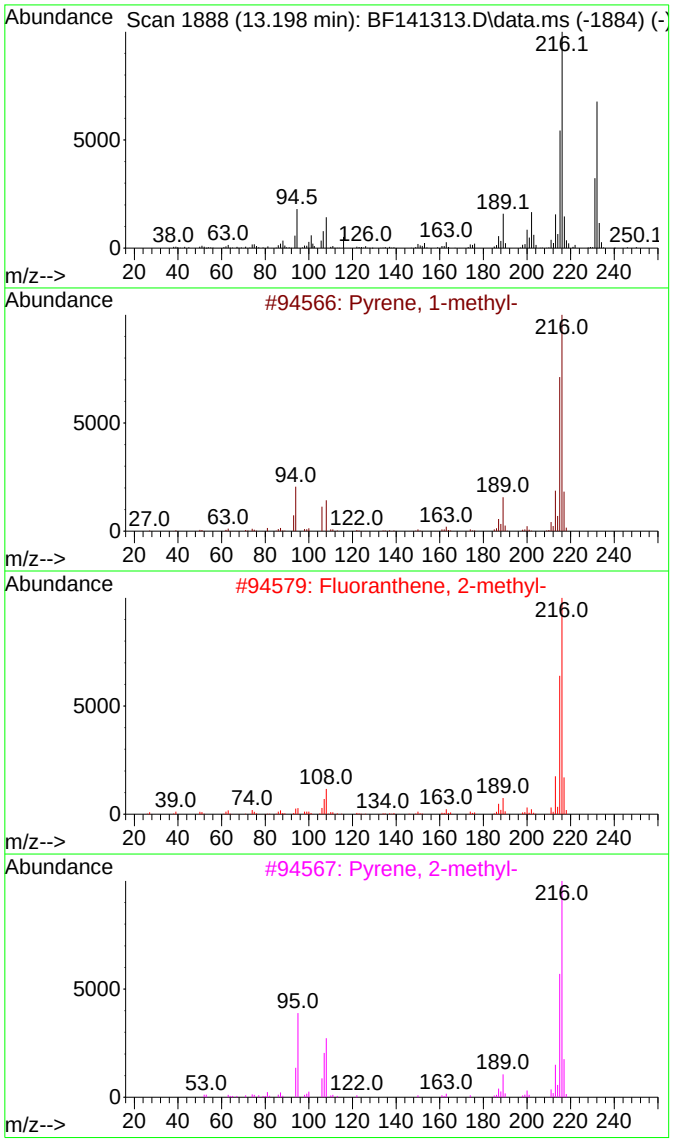
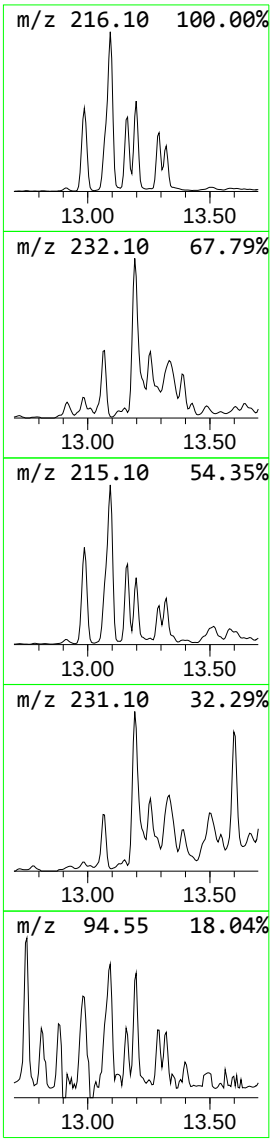
Peak Number 11 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	2.45 ng	371685	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	50





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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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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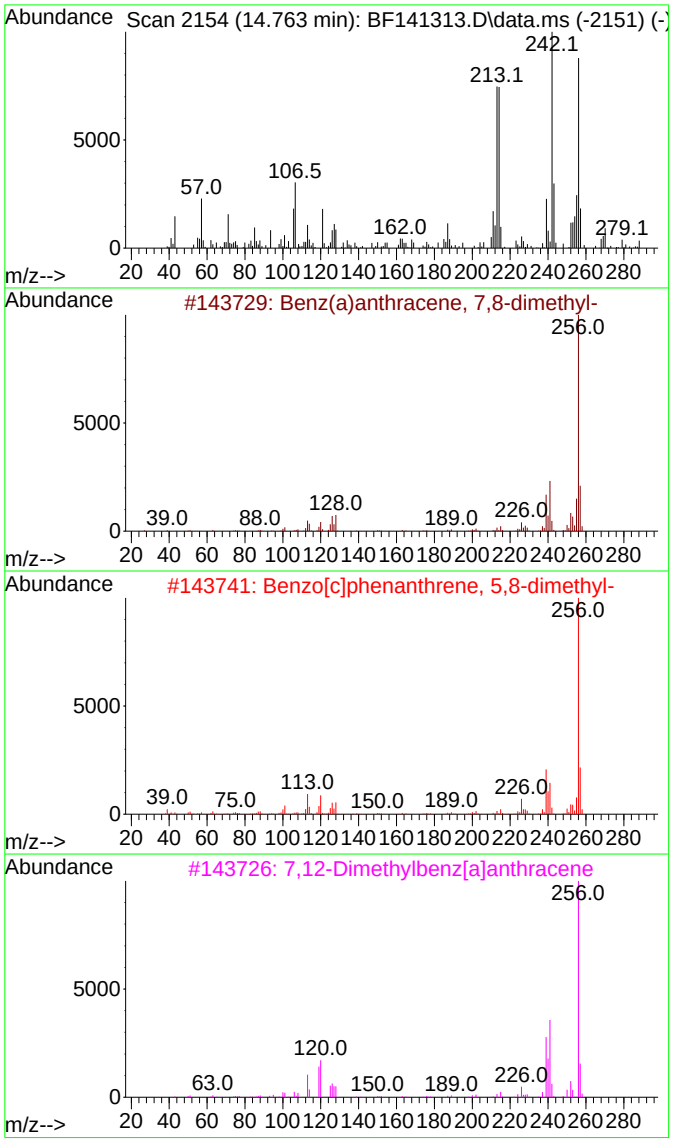
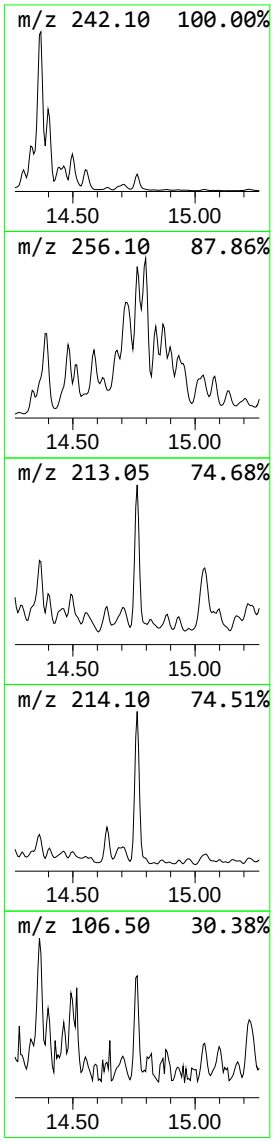
Peak Number 12 unknown14.763 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.763	3.44 ng	161696	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene, 7,8-dimethyl-	256	C20H16	000604-81-9	25
2	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	25
3	7,12-Dimethylbenz[a]anthracene	256	C20H16	000057-97-6	25
4	Benz[a]anthracene, 5-methyl-	242	C19H14	002319-96-2	15
5	Benz(a)anthracene, 6,7-dimethyl-	256	C20H16	020627-28-5	15





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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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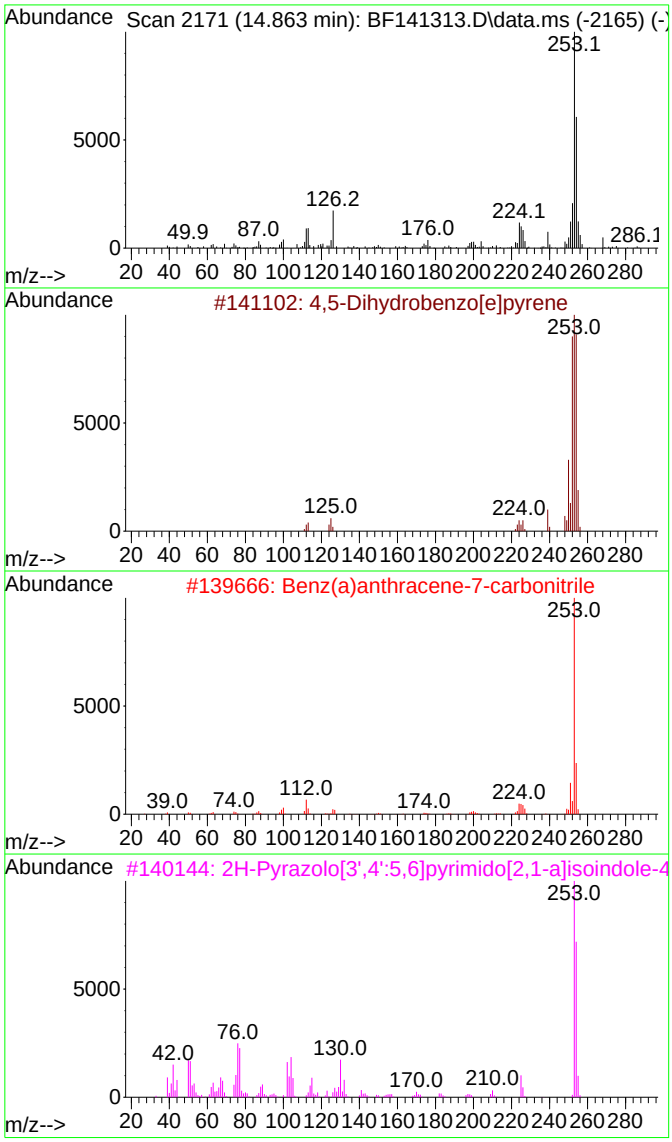
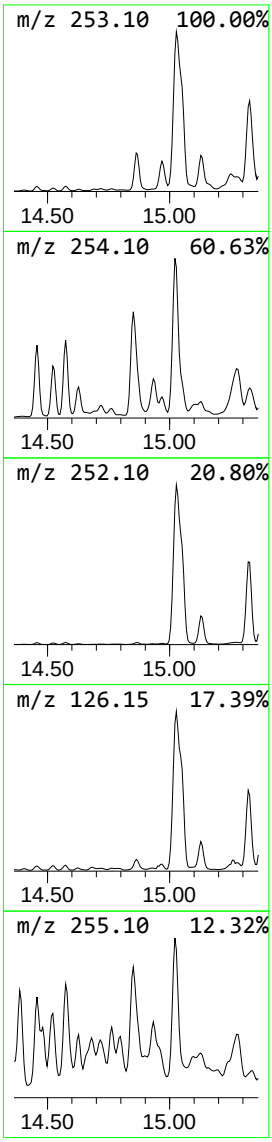
Peak Number 13 4,5-Dihydrobenzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.863	4.29 ng	201361	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	74
2	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	60
3	2H-Pyrazolo[3',4':5,6]pyrimido[2...	254	C13H10N4O2	1000318-77-9	53
4	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	50
5	1,2-Dihydro-3-phenyl-2-thioxo-4(...	254	C14H10N2OS	018741-24-7	50





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

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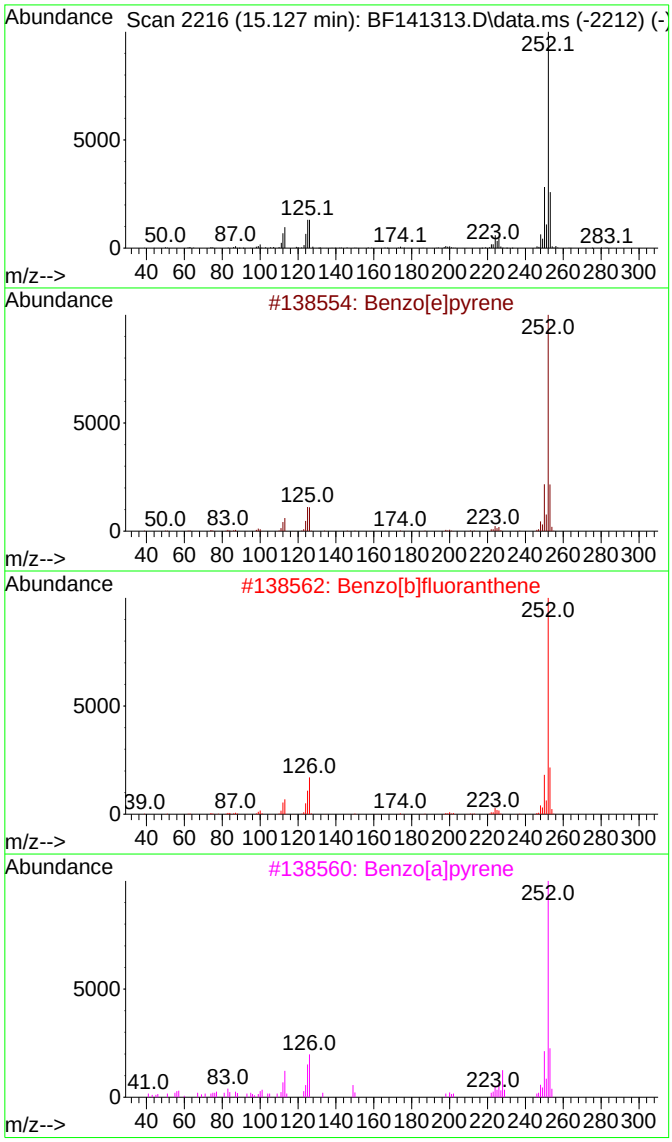
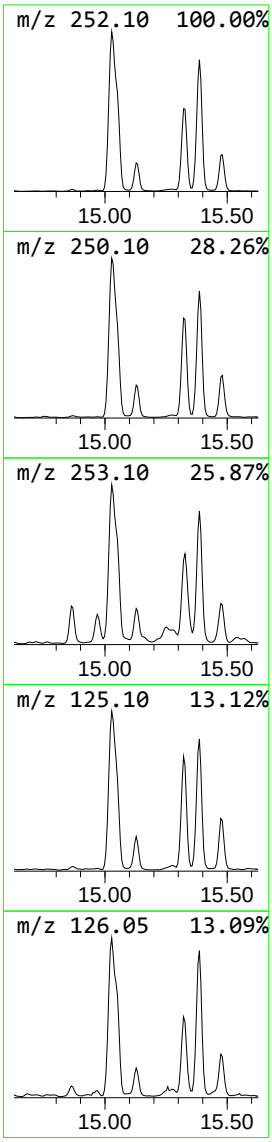
Peak Number 14 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.127	5.82 ng	273196	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	87





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

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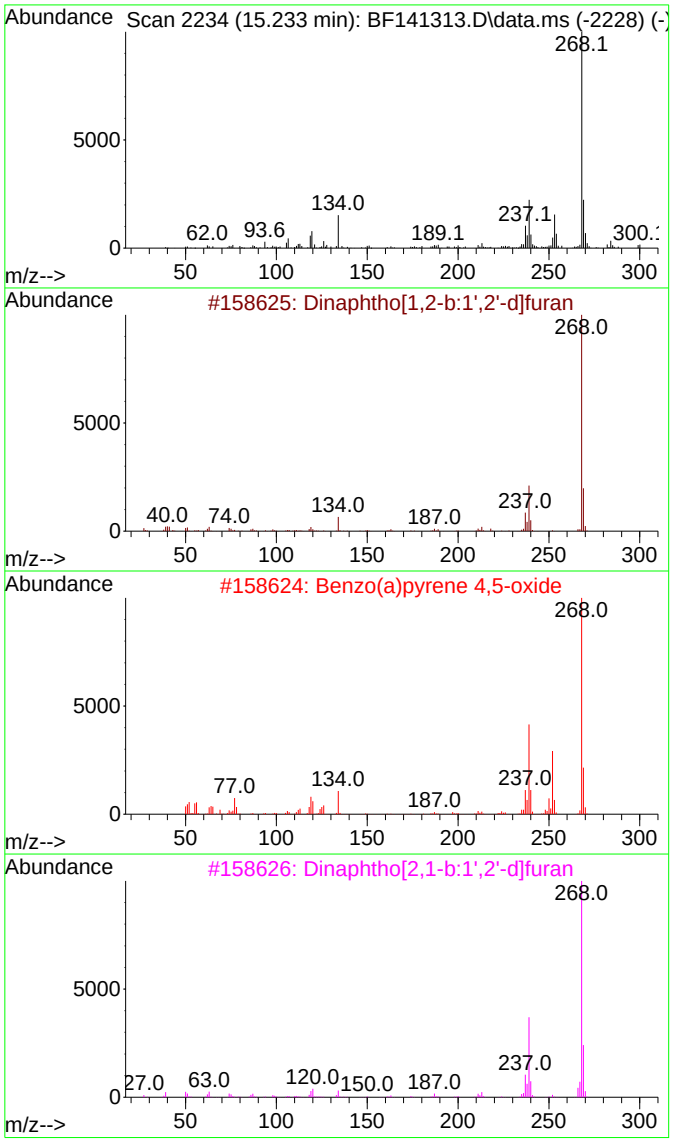
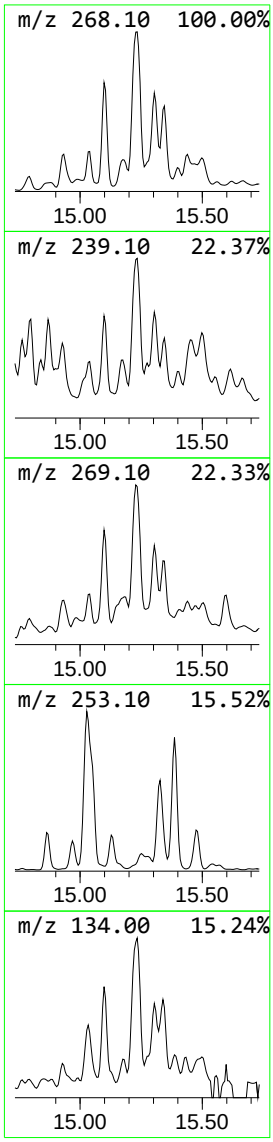
Peak Number 15 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	3.50 ng	164241	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	95
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	87
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	74
4	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	70
5	2-(4-Ethoxyphenyl)-6-methyl-2H-1...	268	C15H16N4O	355818-00-7	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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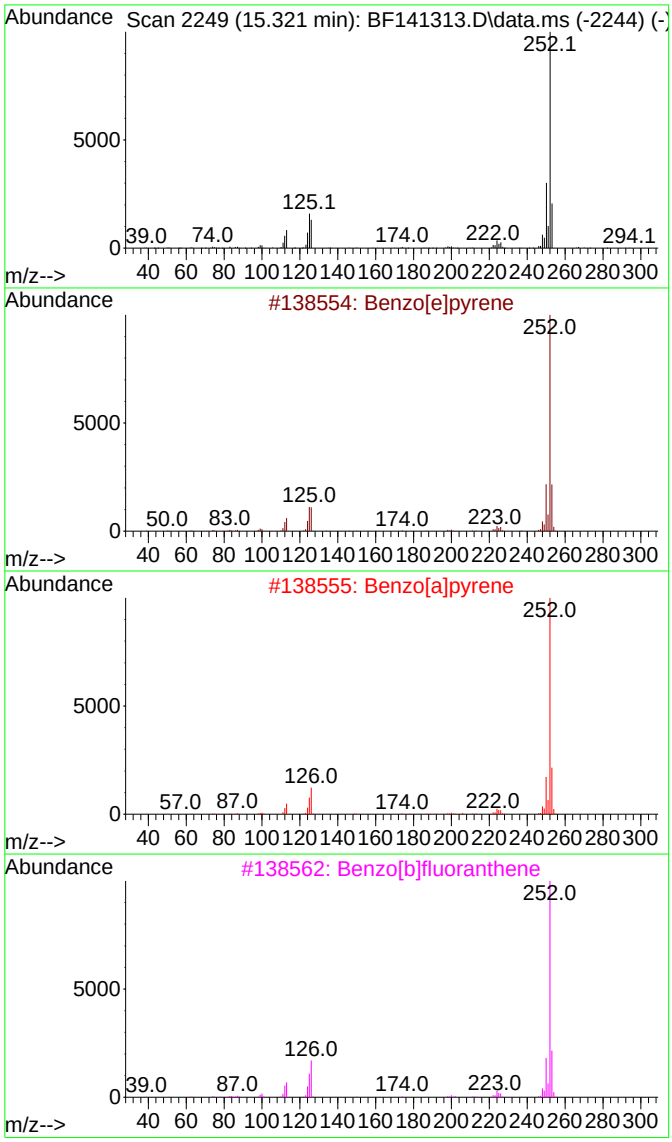
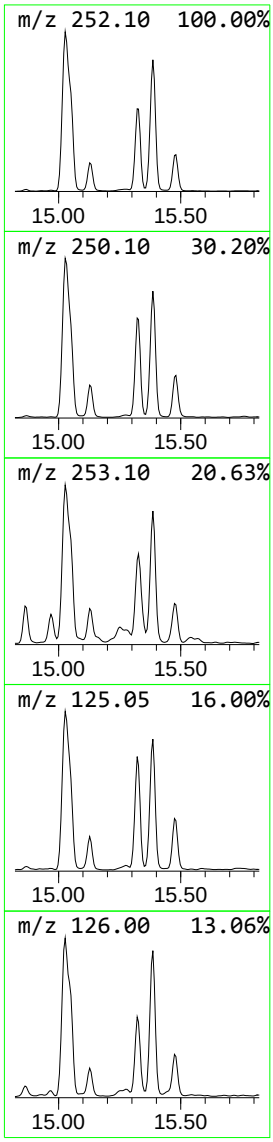
Peak Number 16 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	18.57 ng	872376	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Perylene	252	C20H12	000198-55-0	96
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





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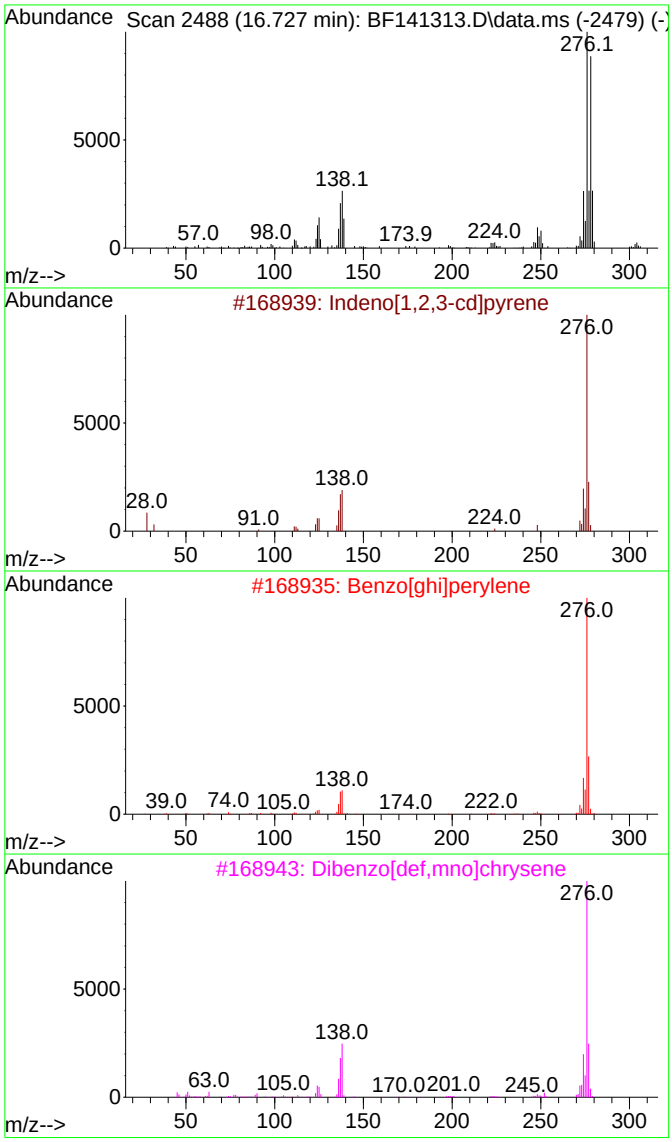
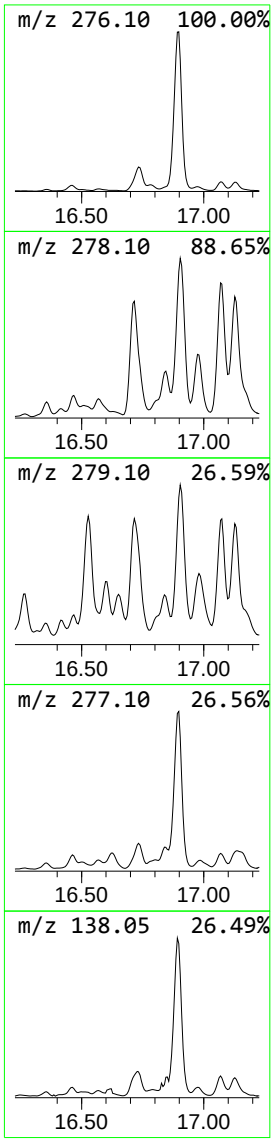
Peak Number 17 Dibenzo[def,mno]chrysene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.727	7.16 ng	336294	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	55
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	55
4	10-Bromo-1,2,3,4-tetrahydro-phen...	276	C14H13BrO	1000190-54-9	53
5	Benzo[b]triphenylene	278	C22H14	000215-58-7	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
Data File : BF141313.D
Acq On : 30 Jan 2025 15:11
Operator : RC/JU
Sample : Q1209-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

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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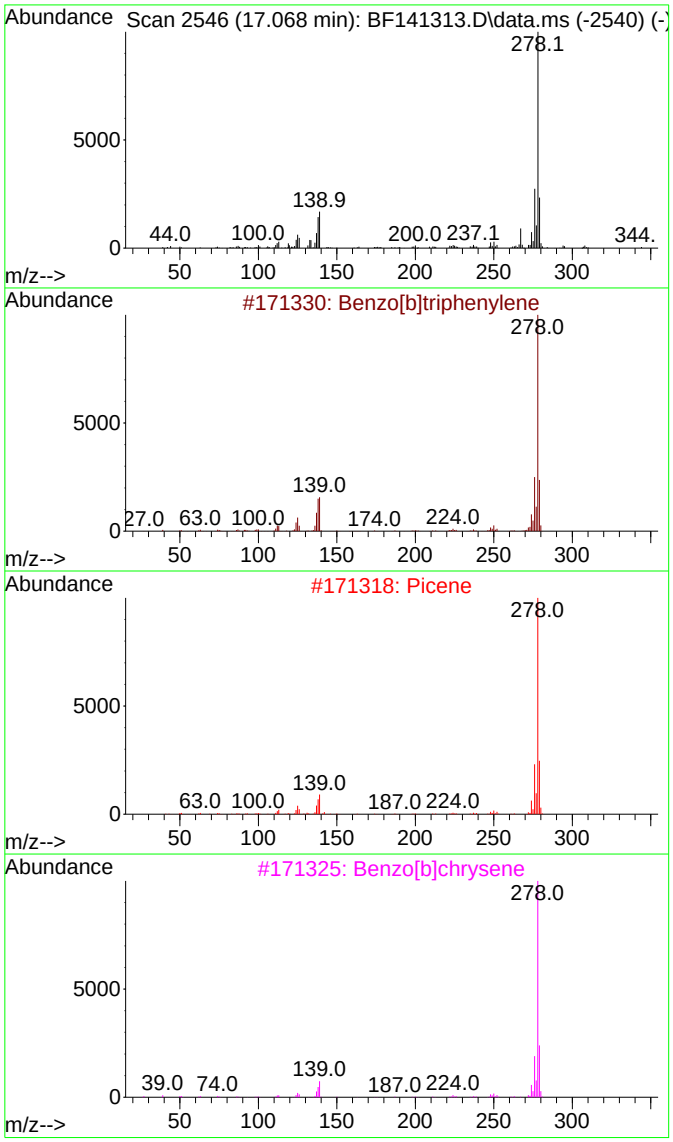
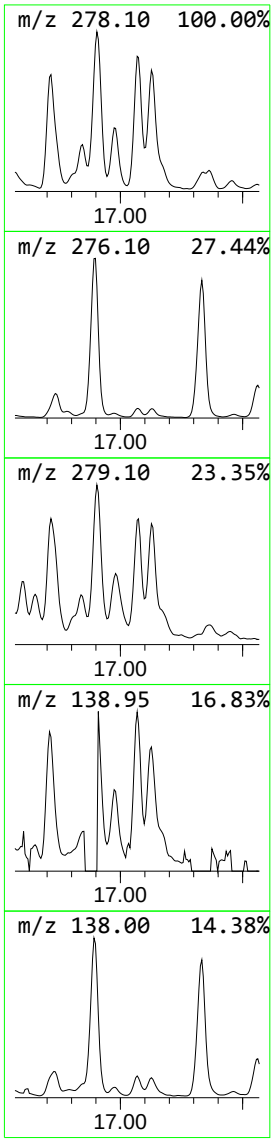
Peak Number 18 Benzo[b]triphenylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.068	4.32 ng	203038	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2	Picene	278	C22H14	000213-46-7	98
3	Benzo[b]chrysene	278	C22H14	000214-17-5	97
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
5	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
Data File : BF141313.D
Acq On : 30 Jan 2025 15:11
Operator : RC/JU
Sample : Q1209-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

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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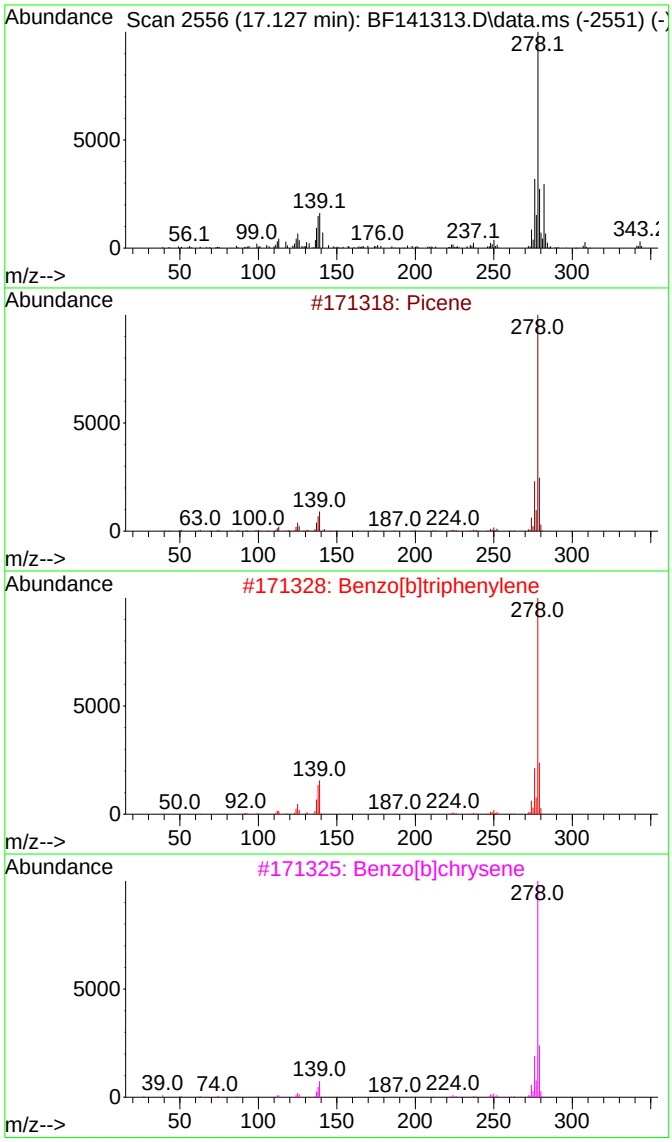
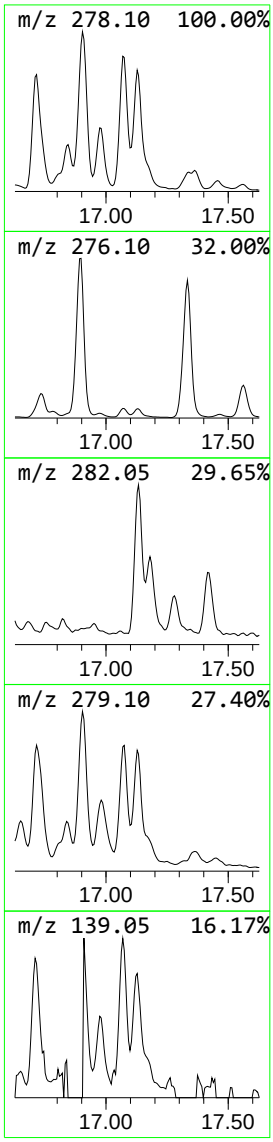
Peak Number 19 Picene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.127	2.96 ng	139114	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	97
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
3	Benzo[b]chrysene	278	C22H14	000214-17-5	95
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	93
5	Pentaphene	278	C22H14	000222-93-5	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
Data File : BF141313.D
Acq On : 30 Jan 2025 15:11
Operator : RC/JU
Sample : Q1209-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

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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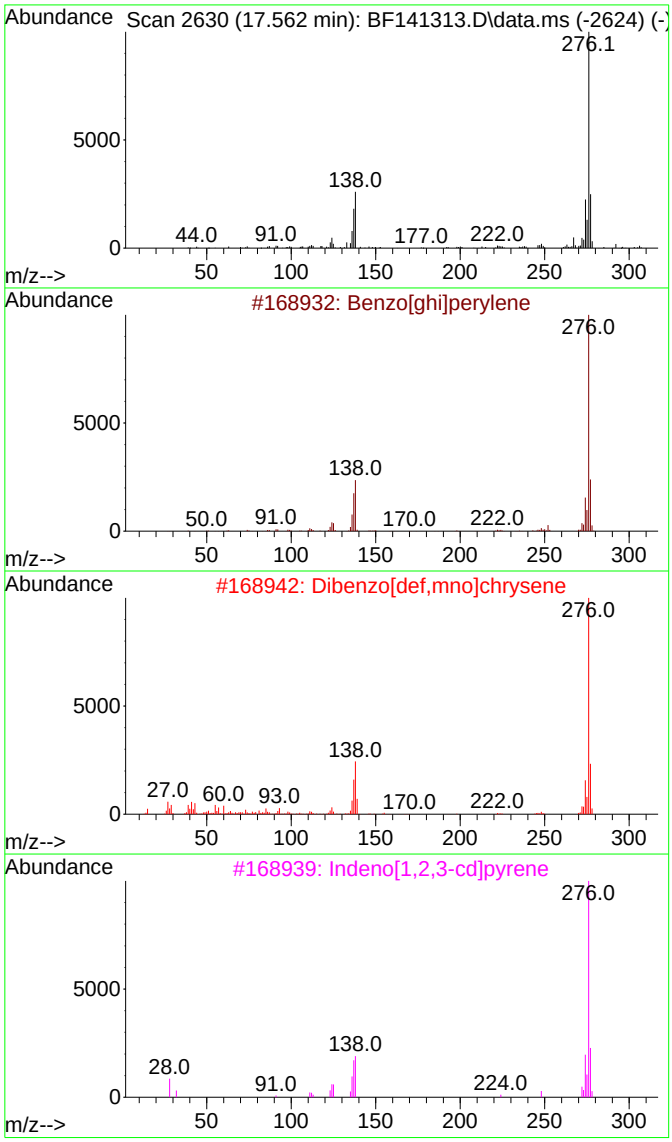
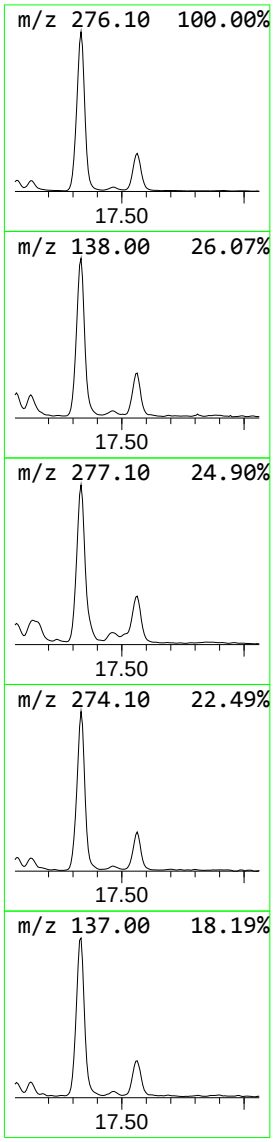
Peak Number 20 Indeno[1,2,3-cd]fluoranthene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.563	5.78 ng	271659	Perylene-d12	15.451

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	95
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	89
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	74
5	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
Data File : BF141313.D
Acq On : 30 Jan 2025 15:11
Operator : RC/JU
Sample : Q1209-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

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
Benzophenone	10.545	9.9	ng	775244	3	9.834	1569710	20.0
Phenanthrene, 1...	11.822	4.5	ng	368819	4	11.322	1627440	20.0
Phenanthrene, 2...	11.851	11.6	ng	941091	4	11.322	1627440	20.0
Anthracene, 1-m...	11.898	2.7	ng	222670	4	11.322	1627440	20.0
4H-Cyclopenta[d...	11.933	10.8	ng	876224	4	11.322	1627440	20.0
Tricyclo[8.2.2....	12.122	3.8	ng	306485	4	11.322	1627440	20.0
Phenanthrene, 2...	12.375	2.7	ng	219985	4	11.322	1627440	20.0
Cyclopenta(def)...	12.463	3.1	ng	256161	4	11.322	1627440	20.0
Pyrene, 1-methyl-	12.986	3.1	ng	467834	5	13.969	3033790	20.0
Fluoranthene, 2...	13.092	4.2	ng	643099	5	13.969	3033790	20.0
Pyrene, 2-methyl-	13.198	2.5	ng	371685	5	13.969	3033790	20.0
unknown14.763	14.763	3.4	ng	161696	6	15.451	939403	20.0
4,5-Dihydrobenz...	14.863	4.3	ng	201361	6	15.451	939403	20.0
Benzo[e]pyrene	15.127	5.8	ng	273196	6	15.451	939403	20.0
Dinaphtho[1,2-b...	15.233	3.5	ng	164241	6	15.451	939403	20.0
Perylene	15.321	18.6	ng	872376	6	15.451	939403	20.0
Dibenzo[def,mno...	16.727	7.2	ng	336294	6	15.451	939403	20.0
Benzo[b]triphen...	17.068	4.3	ng	203038	6	15.451	939403	20.0
Picene	17.127	3.0	ng	139114	6	15.451	939403	20.0
Indeno[1,2,3-cd...	17.563	5.8	ng	271659	6	15.451	939403	20.0