

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141519.D
 Acq On : 07 Feb 2025 20:21
 Operator : RC/JU
 Sample : Q1232-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-42.2-012925

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-BF020625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141519.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.987	487	492	507	rVB	45183	70775	1.92%	0.202%
2	5.410	559	564	584	rVB	845456	1161011	31.43%	3.320%
3	6.428	732	737	755	rBV	1011085	1391814	37.68%	3.980%
4	6.792	794	799	805	rBV	341550	432810	11.72%	1.238%
5	7.351	886	894	905	rBV	676219	881147	23.85%	2.520%
6	8.075	1009	1017	1025	rBV	411572	613133	16.60%	1.753%
7	9.145	1194	1199	1208	rBV	1199628	1544690	41.82%	4.417%
8	9.228	1209	1213	1221	rVB2	26783	46070	1.25%	0.132%
9	9.486	1251	1257	1260	rBV	62936	91365	2.47%	0.261%
10	9.686	1286	1291	1296	rVB	34102	46899	1.27%	0.134%
11	9.827	1310	1315	1318	rBV	433932	547348	14.82%	1.565%
12	9.857	1318	1320	1325	rVB	121094	139037	3.76%	0.398%
13	10.033	1345	1350	1353	rVV	68809	93514	2.53%	0.267%
14	10.069	1353	1356	1364	rVB	26708	39562	1.07%	0.113%
15	10.233	1380	1384	1386	rBV2	24686	36993	1.00%	0.106%
16	10.375	1403	1408	1413	rVB	120206	156649	4.24%	0.448%
17	10.439	1413	1419	1421	rBV2	33352	60401	1.64%	0.173%
18	10.539	1431	1436	1442	rVB2	178193	247077	6.69%	0.707%
19	10.616	1444	1449	1454	rBV	306931	407404	11.03%	1.165%
20	10.739	1465	1470	1476	rVB4	57283	96306	2.61%	0.275%
21	10.922	1495	1501	1504	rBV3	53733	95863	2.60%	0.274%
22	11.051	1518	1523	1525	rBV2	44648	71845	1.94%	0.205%
23	11.122	1531	1535	1539	rVB	41100	48682	1.32%	0.139%
24	11.169	1539	1543	1547	rBV3	50815	96804	2.62%	0.277%
25	11.210	1547	1550	1556	rVB	88605	126218	3.42%	0.361%
26	11.274	1557	1561	1564	rBV	39767	51408	1.39%	0.147%
27	11.339	1564	1572	1577	rBV2	1274899	2133013	57.74%	6.100%
28	11.392	1577	1581	1585	rVV	402771	505512	13.68%	1.446%
29	11.551	1604	1608	1615	rBV3	51576	117139	3.17%	0.335%
30	11.610	1615	1618	1621	rVV	63528	80384	2.18%	0.230%
31	11.645	1621	1624	1629	rVB2	36645	53803	1.46%	0.154%
32	11.816	1649	1653	1655	rBV	184009	237613	6.43%	0.680%
33	11.845	1655	1658	1662	rVV	310714	396101	10.72%	1.133%
34	11.892	1662	1666	1669	rVV	138818	188699	5.11%	0.540%
35	11.933	1669	1673	1681	rVB	405309	736317	19.93%	2.106%
36	12.016	1682	1687	1691	rBV5	41007	80333	2.17%	0.230%

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37	12.116	1698	1704	1707	rBV	166840	264124	7.15%	0.755%
38	12.263	1725	1729	1732	rBV	98041	126723	3.43%	0.362%
39	12.292	1732	1734	1737	rBV2	32319	38156	1.03%	0.109%
40	12.369	1743	1747	1750	rBV	150139	219763	5.95%	0.628%
41	12.404	1750	1753	1759	rVV2	122722	227342	6.15%	0.650%
42	12.457	1759	1762	1767	rVB2	152285	204955	5.55%	0.586%
43	12.539	1770	1776	1780	rBV	2393224	3270647	88.54%	9.353%
44	12.574	1780	1782	1789	rVB3	85318	142462	3.86%	0.407%
45	12.680	1797	1800	1807	rVB2	85974	132716	3.59%	0.380%
46	12.768	1807	1815	1820	rBV	2248177	3693974	100.00%	10.564%
47	12.810	1820	1822	1828	rVB2	116497	158452	4.29%	0.453%
48	12.904	1830	1838	1845	rVB2	1068992	1631549	44.17%	4.666%
49	12.980	1845	1851	1858	rBV4	198922	428191	11.59%	1.225%
50	13.039	1858	1861	1863	rBV3	76128	101653	2.75%	0.291%
51	13.086	1863	1869	1873	rVB	312299	565350	15.30%	1.617%
52	13.157	1877	1881	1884	rBV	229512	288183	7.80%	0.824%
53	13.192	1884	1887	1894	rVB3	239708	370505	10.03%	1.060%
54	13.286	1900	1903	1906	rBV	106339	132136	3.58%	0.378%
55	13.315	1906	1908	1917	rVB2	128784	179309	4.85%	0.513%
56	13.598	1954	1956	1961	rVB	119156	152788	4.14%	0.437%
57	13.710	1971	1975	1977	rBV2	166558	230615	6.24%	0.660%
58	13.810	1989	1992	1999	rVB	124531	165742	4.49%	0.474%
59	13.957	2011	2017	2020	rBV2	1229051	2090958	56.60%	5.980%
60	13.992	2020	2023	2029	rVB	938240	1272732	34.45%	3.640%
61	14.068	2033	2036	2040	rVB	197572	227807	6.17%	0.651%
62	14.345	2081	2083	2087	rVB	135827	153855	4.17%	0.440%
63	15.004	2189	2195	2203	rBV	863834	1923165	52.06%	5.500%
64	15.104	2209	2212	2216	rVB	149445	183312	4.96%	0.524%
65	15.298	2241	2245	2250	rVB	478970	733310	19.85%	2.097%
66	15.362	2251	2256	2261	rVB	702980	1068495	28.93%	3.056%
67	15.421	2262	2266	2268	rBV	159770	250793	6.79%	0.717%
68	16.868	2506	2512	2520	rVB2	315193	656238	17.77%	1.877%
69	17.303	2581	2586	2599	rVB	233404	557944	15.10%	1.596%

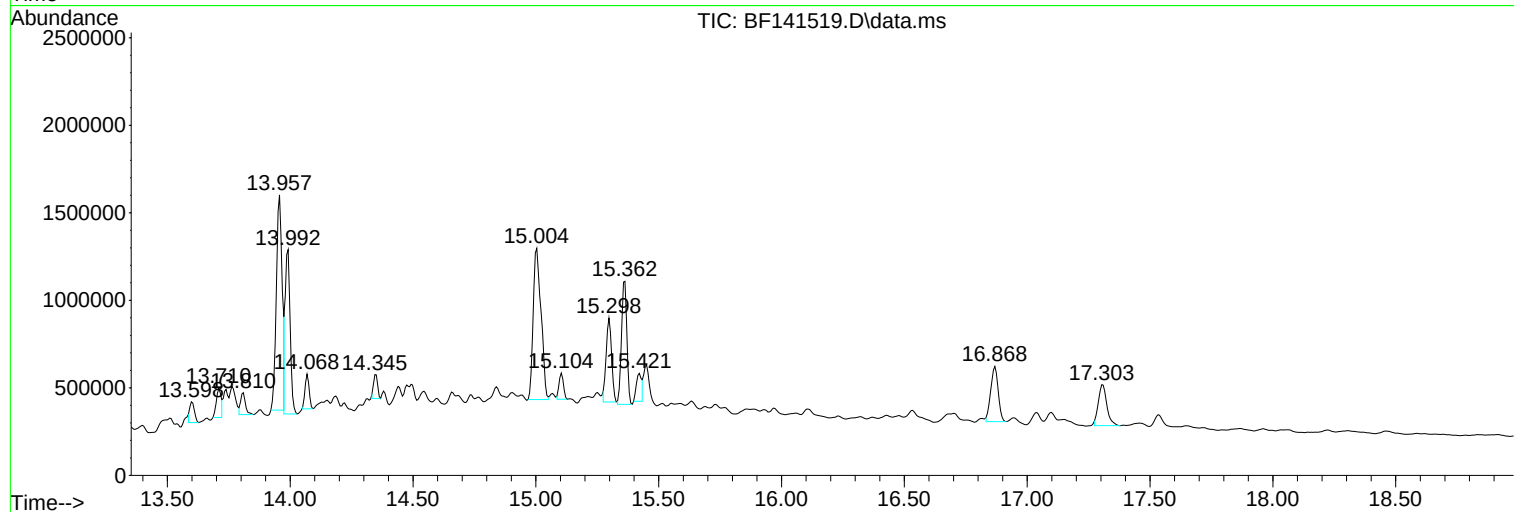
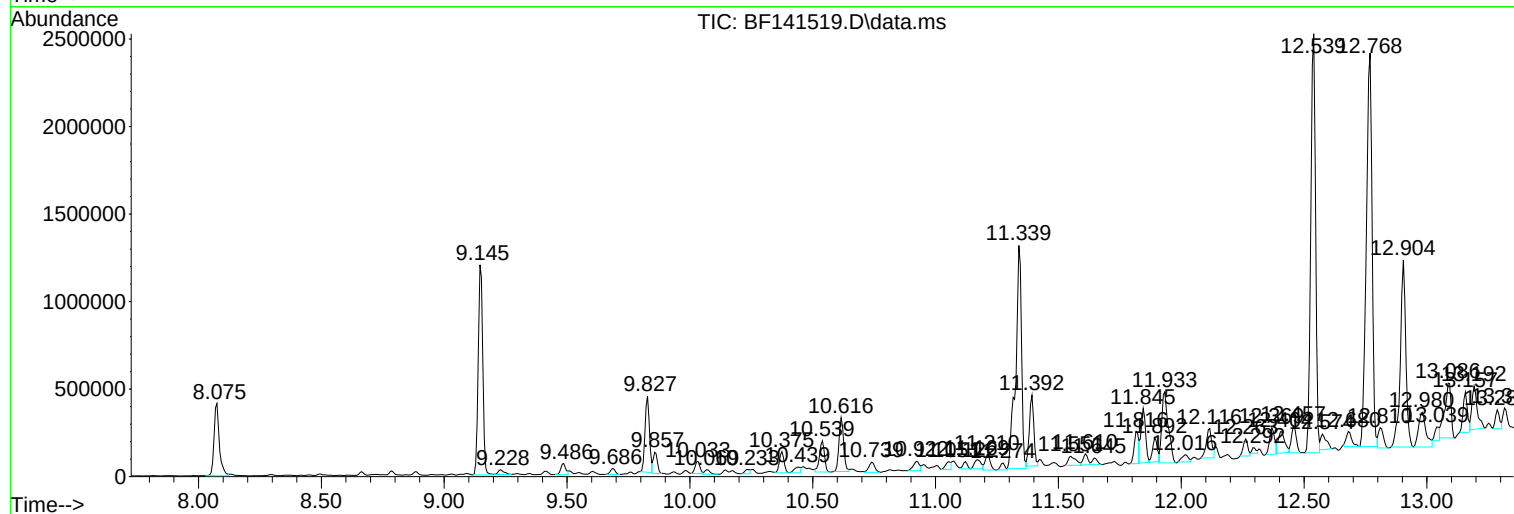
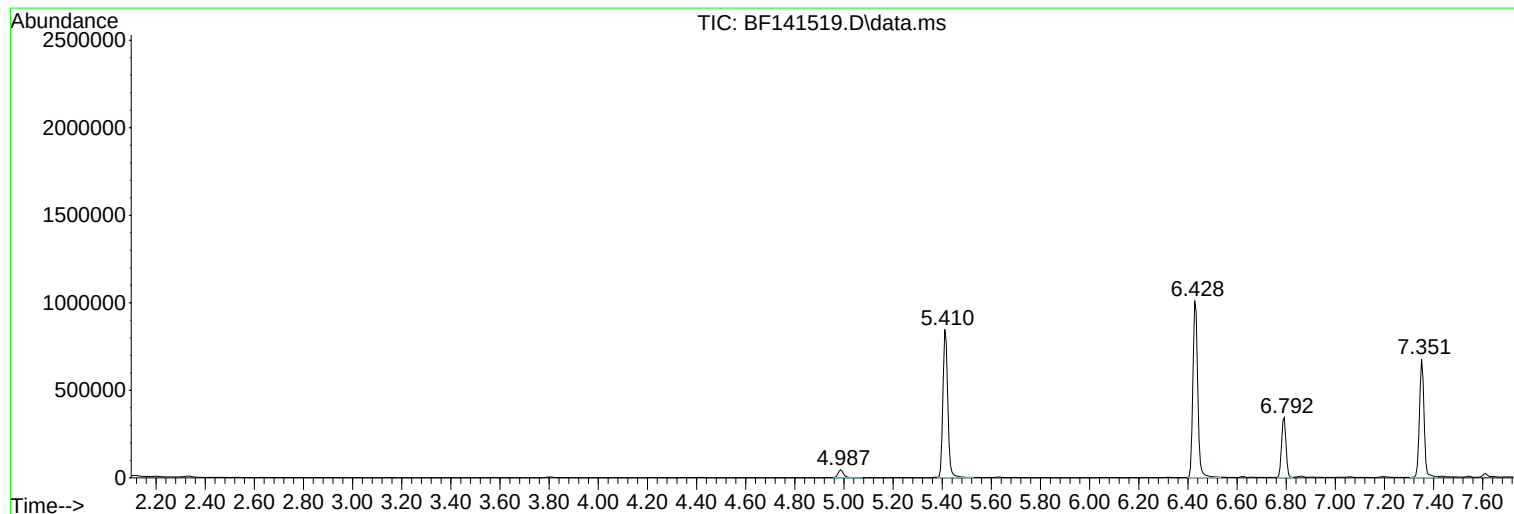
Sum of corrected areas: 34967683

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ClientSampleId :
JPP-42.2-012925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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Sample : Q1232-15
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

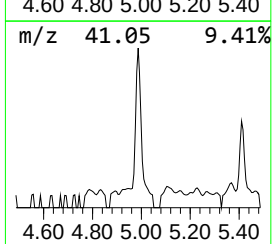
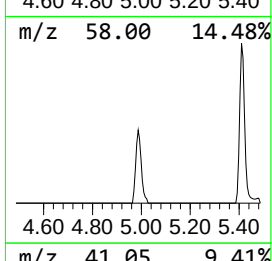
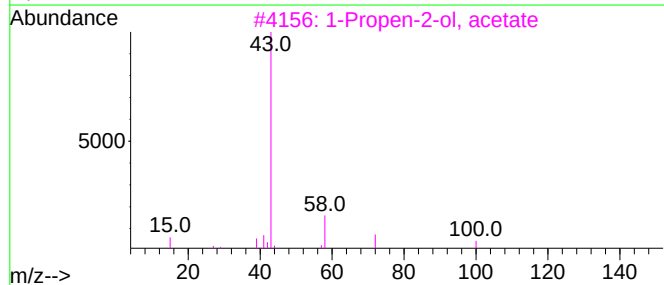
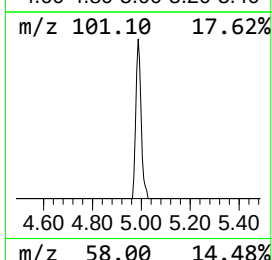
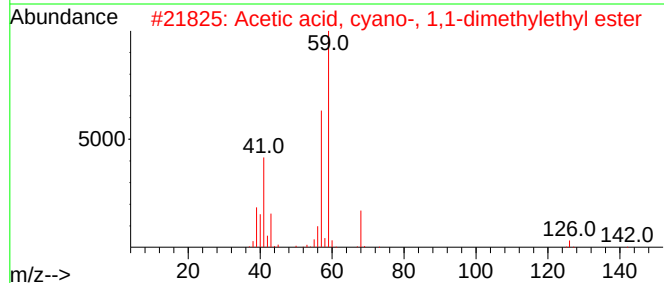
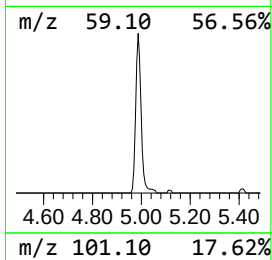
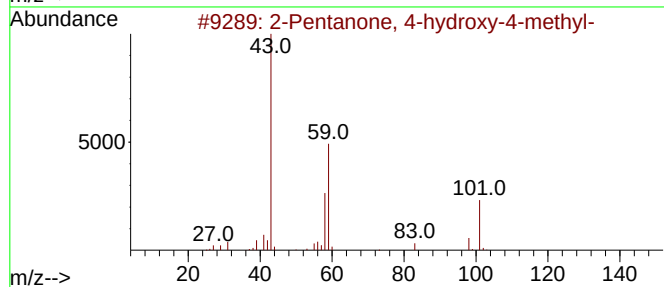
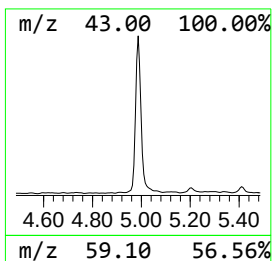
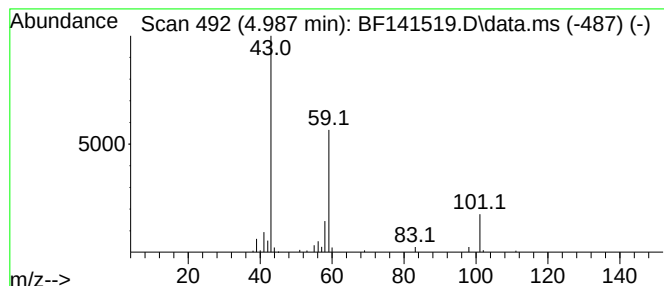
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.987	3.27 ng	70775	1,4-Dichlorobenzene-d4	6.792

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72	
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23	
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12	
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9	
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9	



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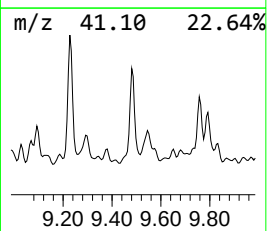
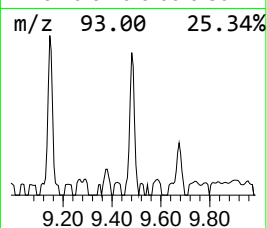
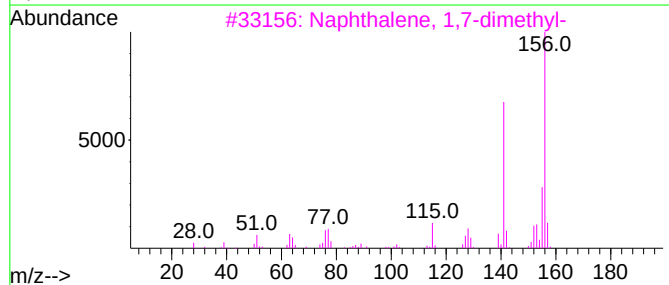
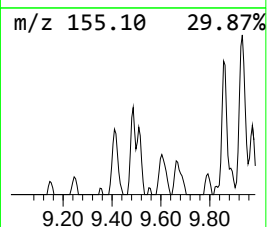
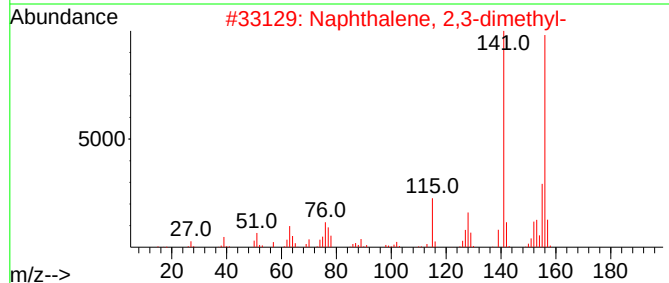
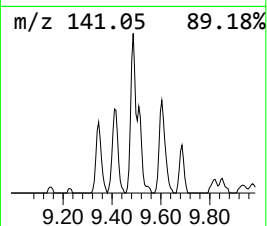
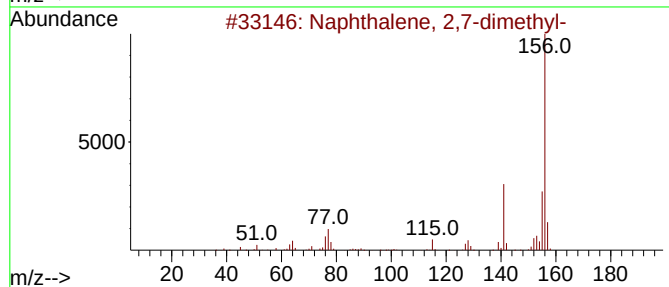
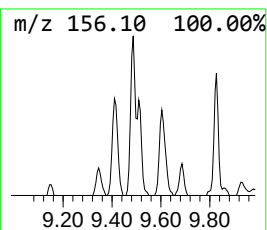
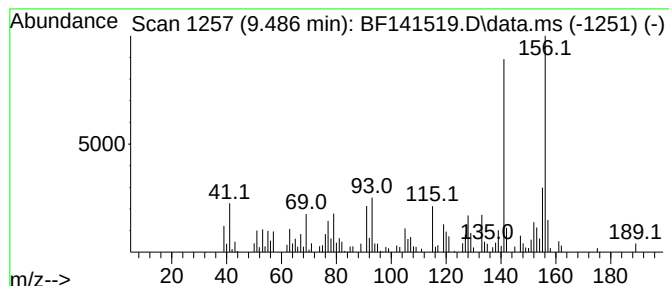
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	3.34 ng	91365	Acenaphthene-d10	9.827

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



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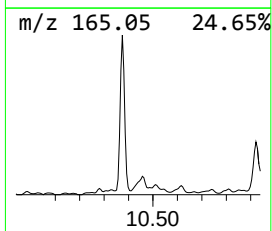
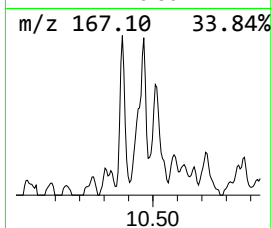
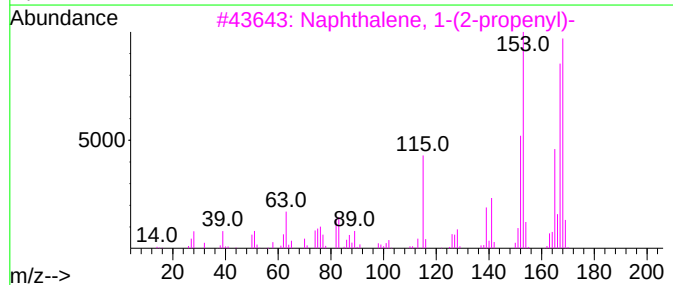
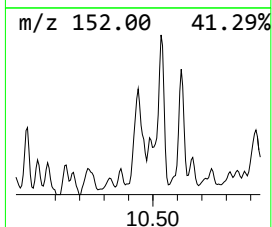
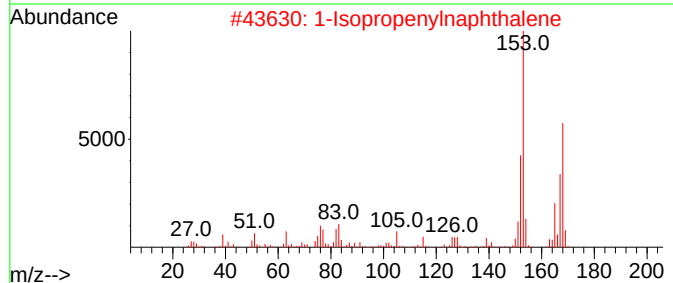
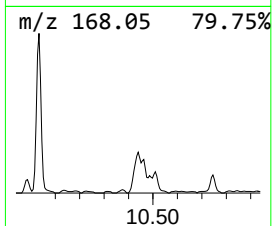
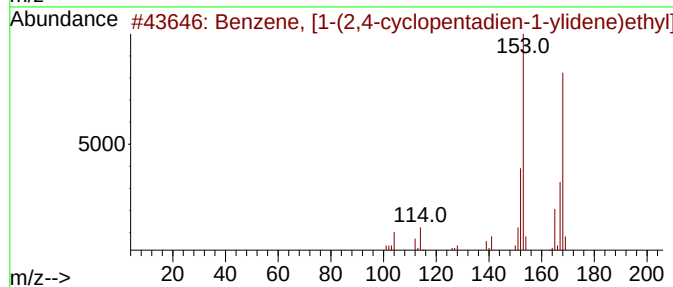
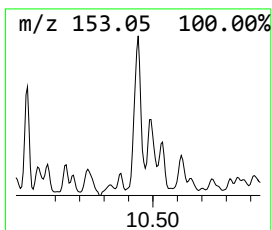
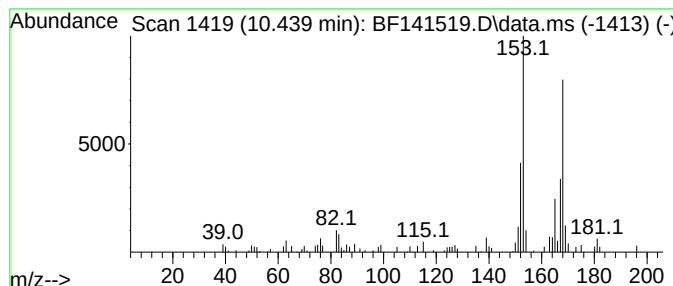
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Benzene, [1-(2,4-cyclopenta... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.439	2.21 ng	60401	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
2			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	74
3			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
4			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	59
5			4-Methylthio-2,6-xlenol	168	C9H12OS	007379-49-9	50



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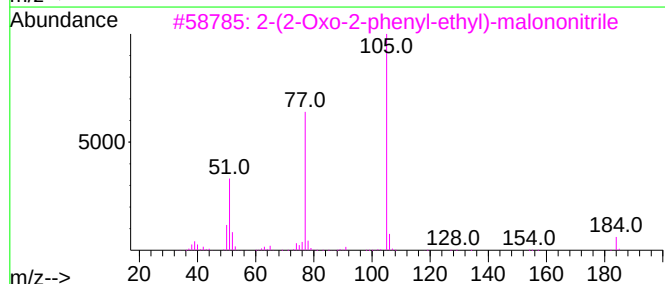
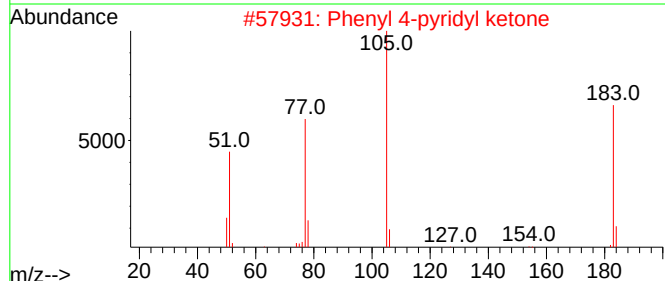
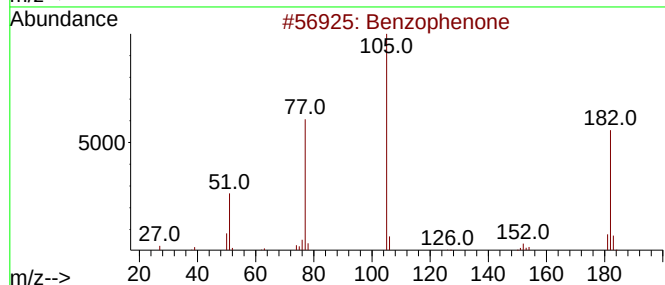
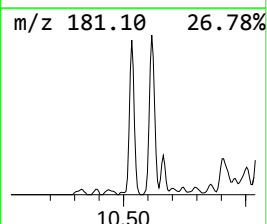
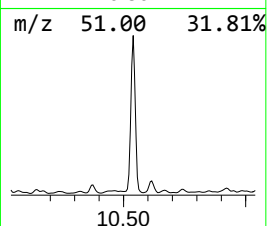
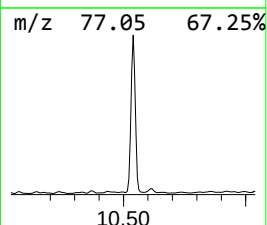
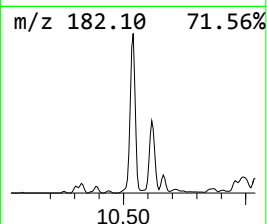
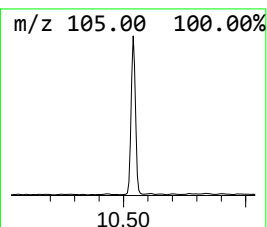
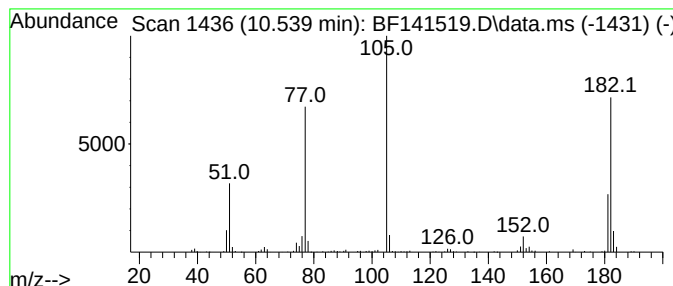
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	9.03 ng	247077	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
3			2-(2-Oxo-2-phenyl-ethyl)-malononitrile	184	C11H8N2O	1000296-76-9	49
4			Benzenecarbothioic acid, S-methyl-	152	C8H8OS	005925-68-8	46
5			Glyoxylohydroximoyl chloride, 2-	183	C8H6ClNO2	004937-87-5	43



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Operator : RC/JU
Sample : Q1232-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JPP-42.2-012925

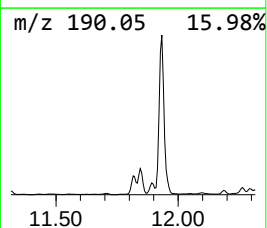
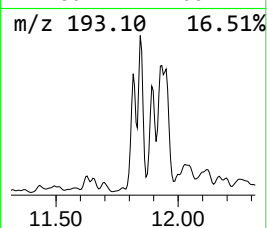
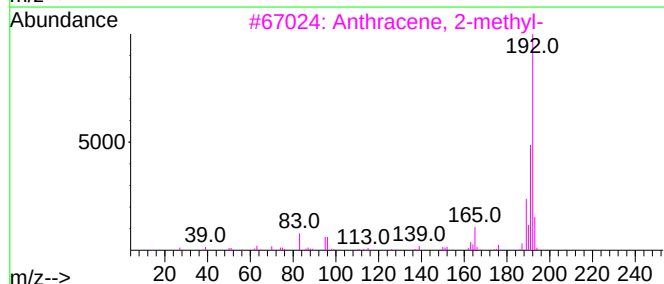
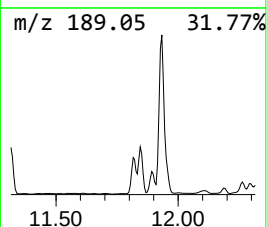
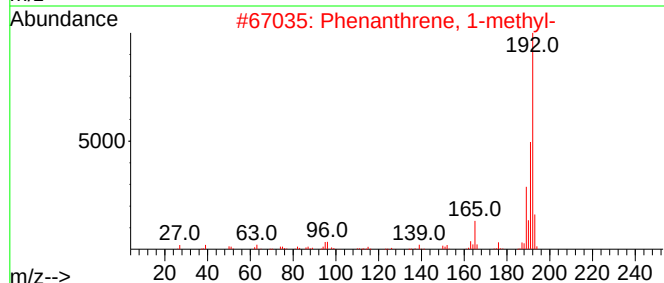
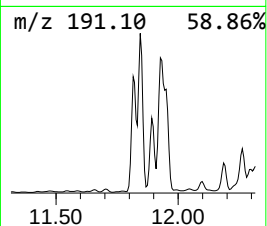
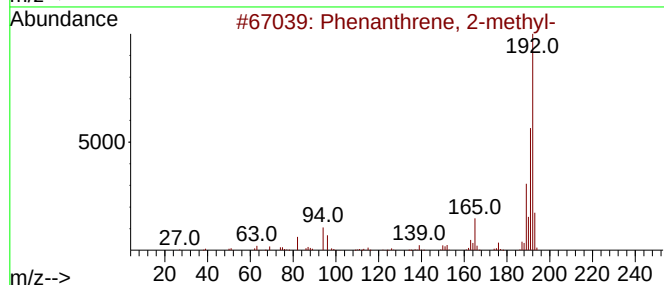
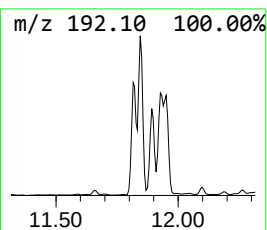
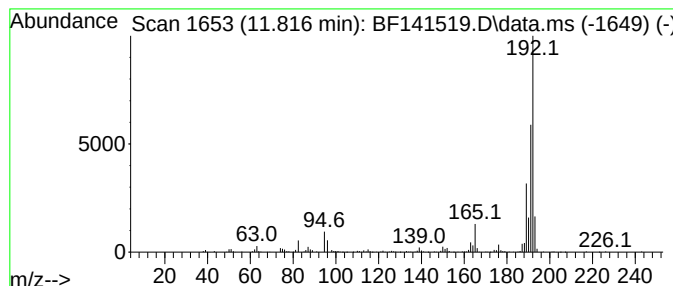
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	2.23 ng	237613	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			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94



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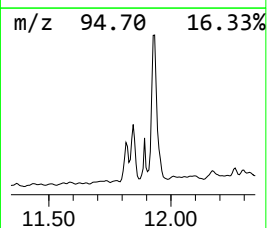
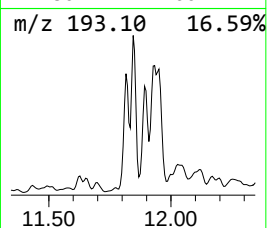
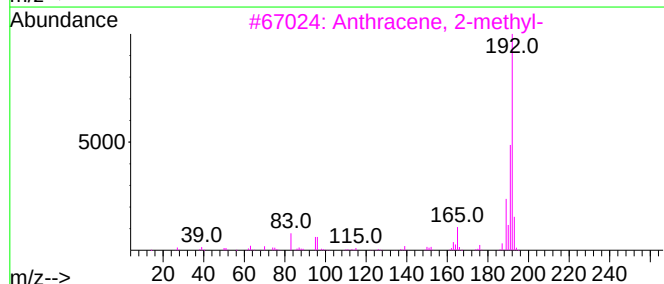
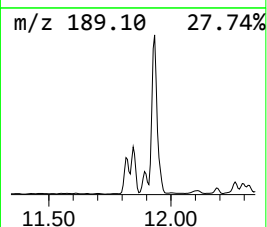
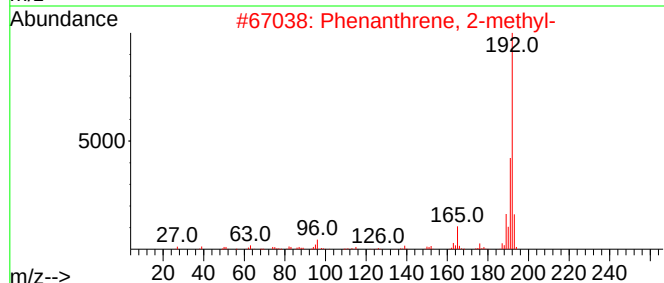
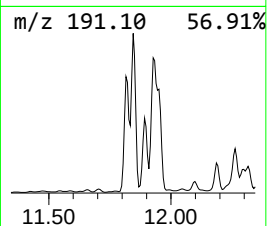
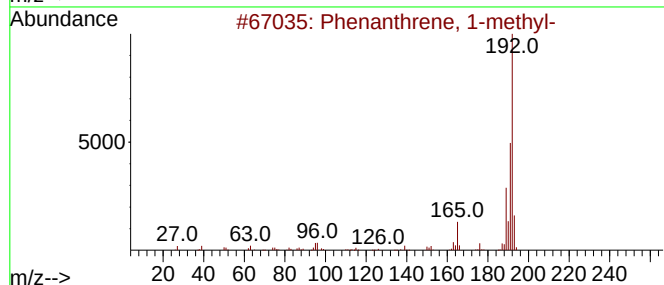
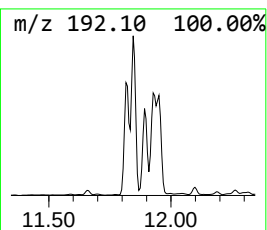
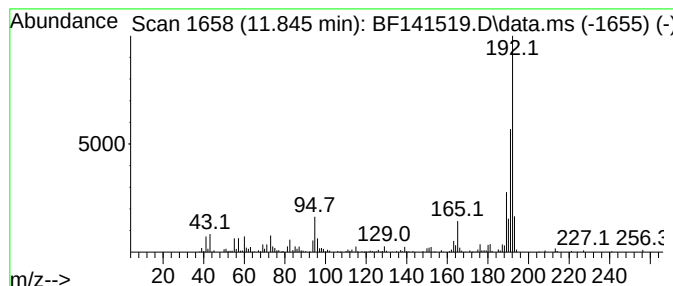
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	3.71 ng	396101	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
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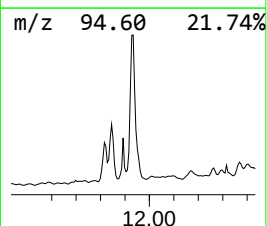
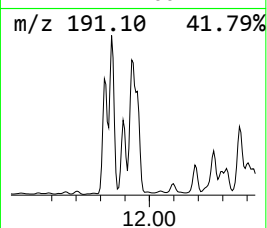
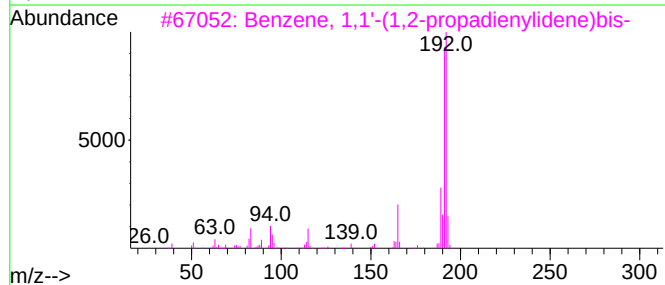
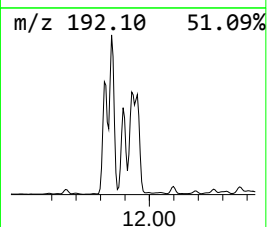
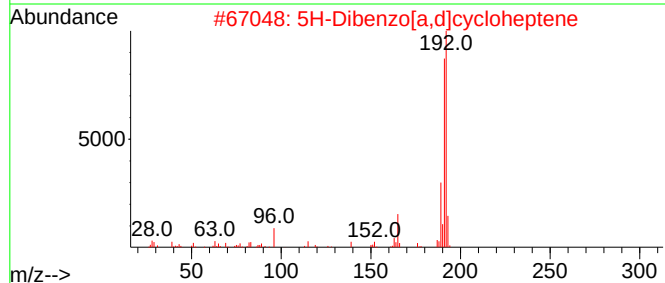
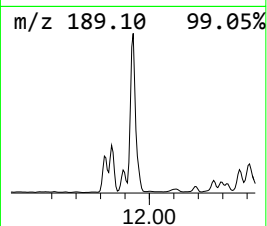
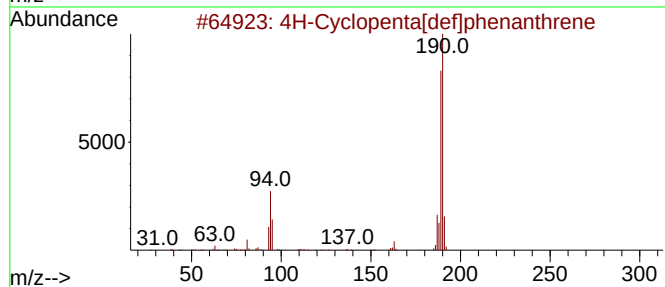
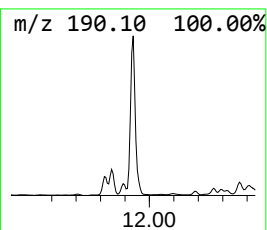
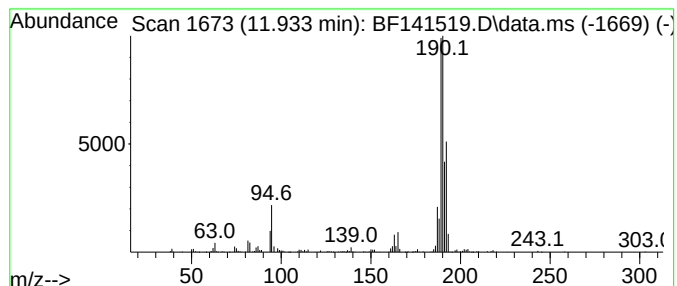
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.933	6.90 ng	736317	Phenanthrene-d10	11.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	22
3	Benzene, 1,1'-(1,2-propadienyli...	192	C15H12	014251-57-1	22
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	20
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
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Instrument :
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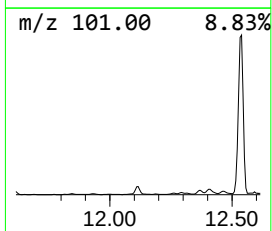
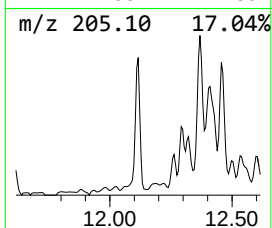
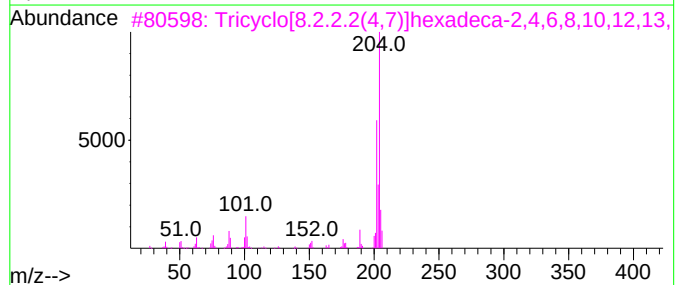
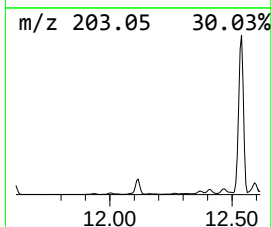
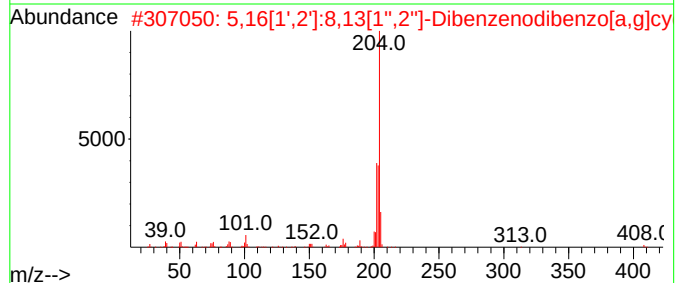
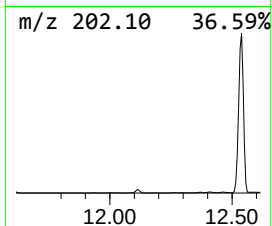
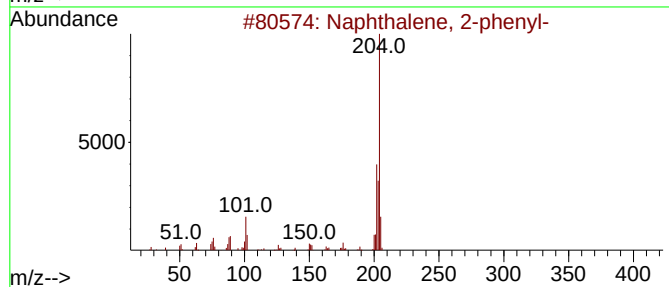
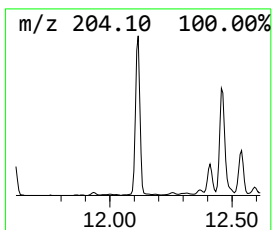
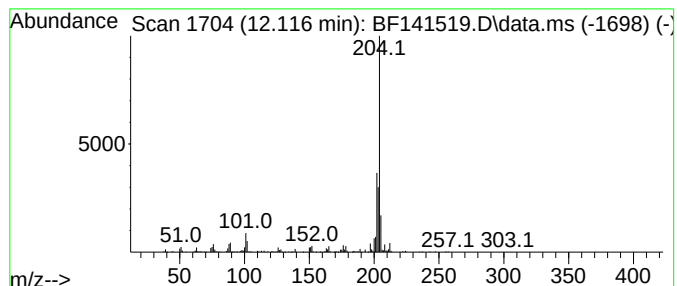
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	2.48 ng	264124	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4			6-Cyanophenanthridine	204	C14H8N2	002176-28-5	60
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
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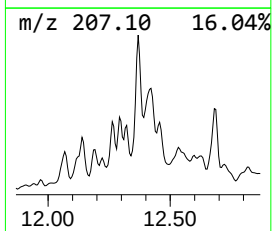
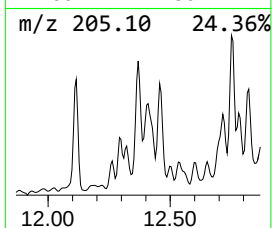
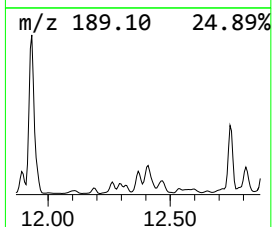
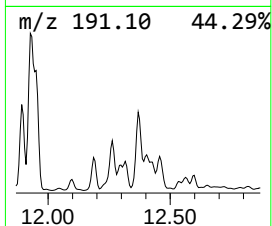
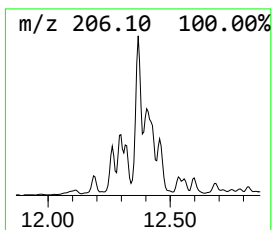
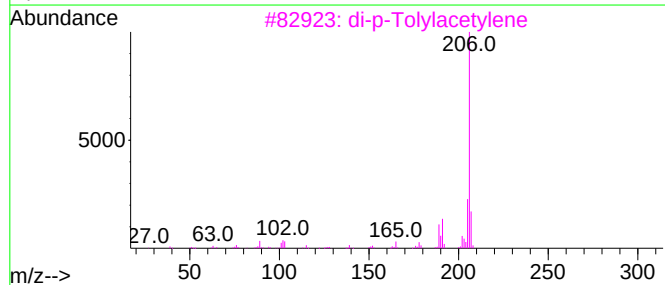
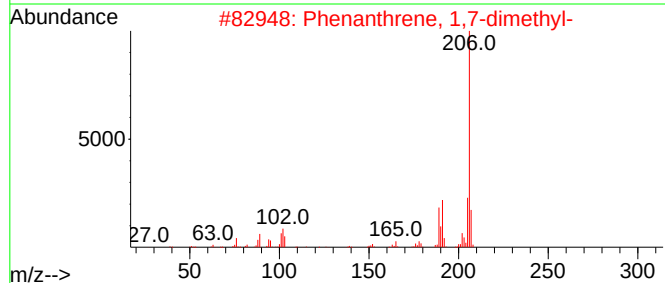
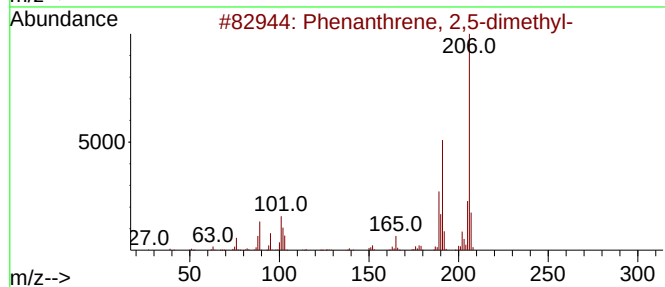
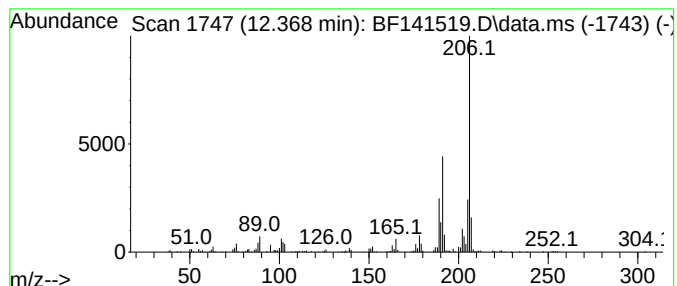
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.368	2.06 ng	219763	Phenanthrene-d10	11.316

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			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
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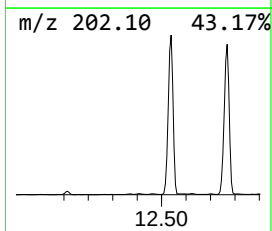
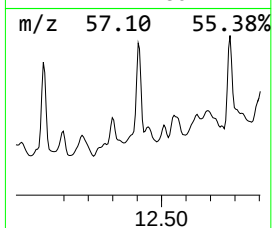
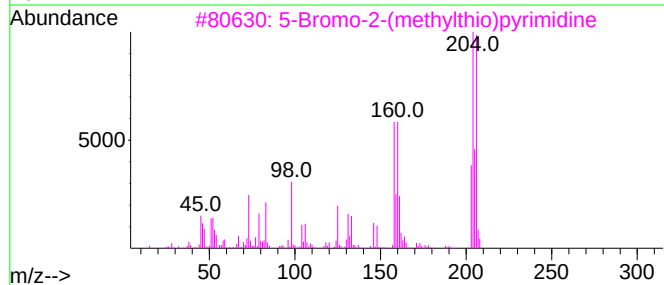
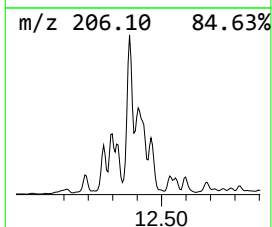
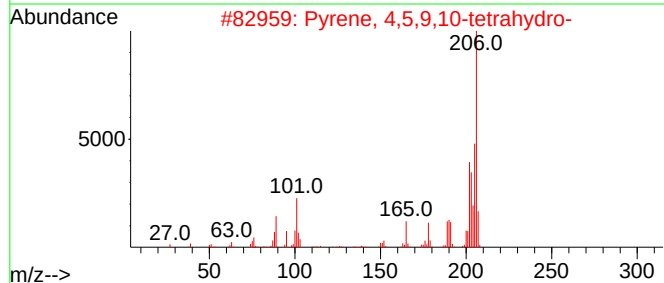
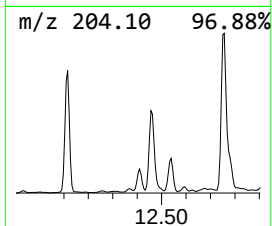
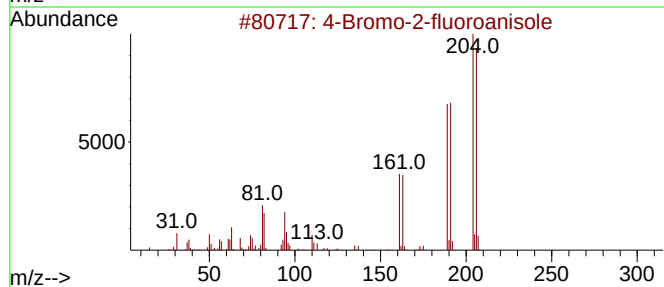
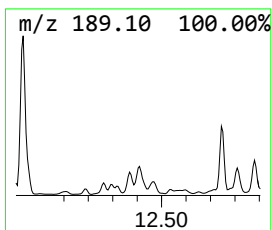
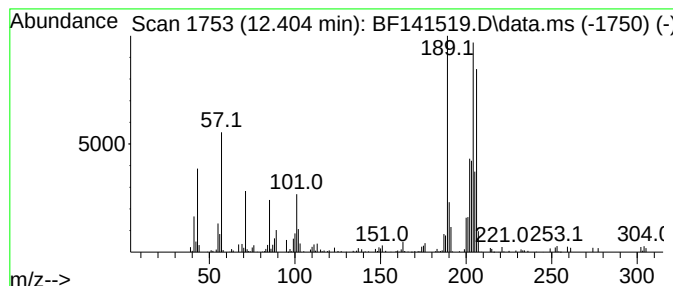
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown12.404 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	2.13 ng	227342	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Bromo-2-fluoroanisole	204	C7H6BrFO	002357-52-0	38
2		Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
3		5-Bromo-2-(methylthio)pyrimidine	204	C5H5BrN2S	014001-67-3	38
4		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35
5		3-Methoxy-2,4,5-trifluorobenzoic...	248	C11H11F3O3	1000338-75-8	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
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Operator : RC/JU
Sample : Q1232-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

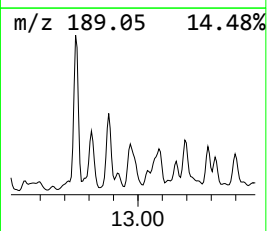
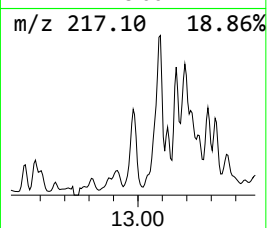
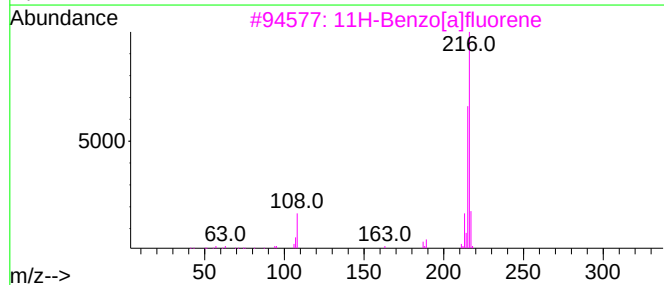
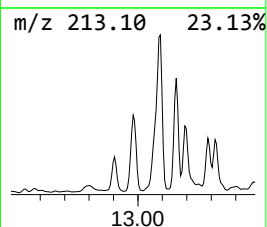
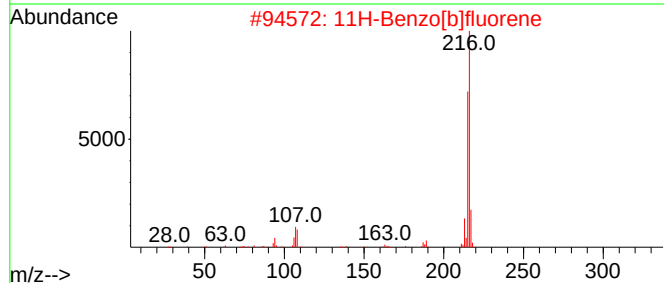
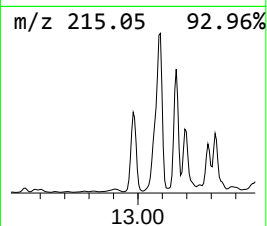
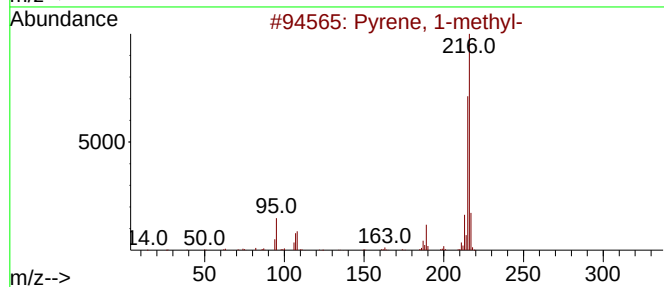
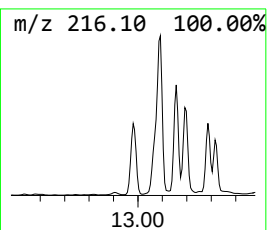
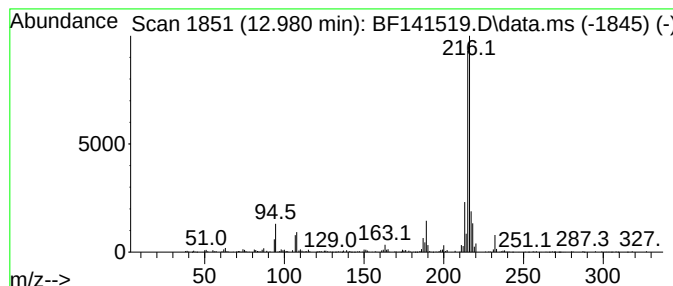
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ClientSampleId :
JPP-42.2-012925

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.980	4.10 ng	428191	Chrysene-d12		13.963	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-		216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene		216	C17H12	000243-17-4	81
3	11H-Benzo[a]fluorene		216	C17H12	000238-84-6	76
4	Fluoranthene, 2-methyl-		216	C17H12	033543-31-6	76
5	Pyrene, 2-methyl-		216	C17H12	003442-78-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141519.D
Acq On : 07 Feb 2025 20:21
Operator : RC/JU
Sample : Q1232-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

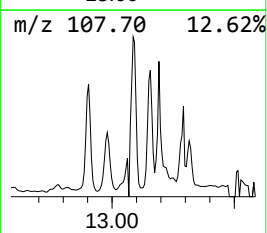
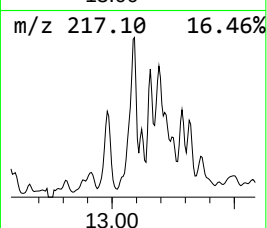
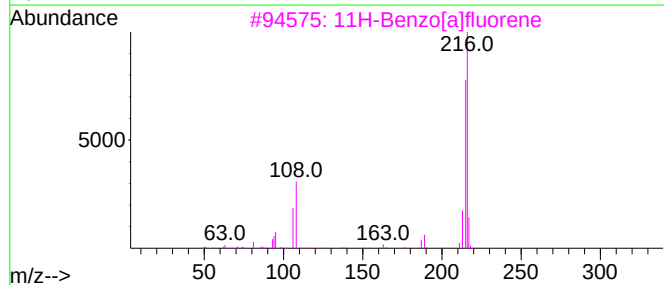
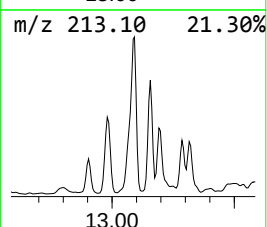
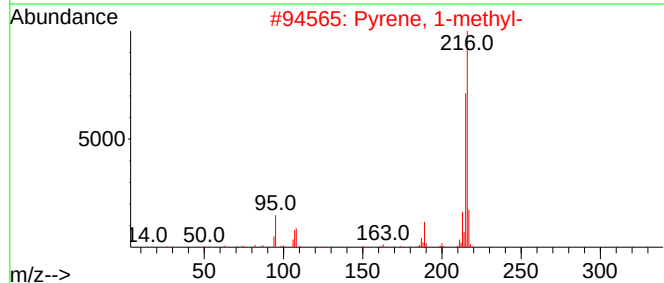
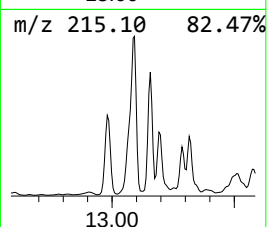
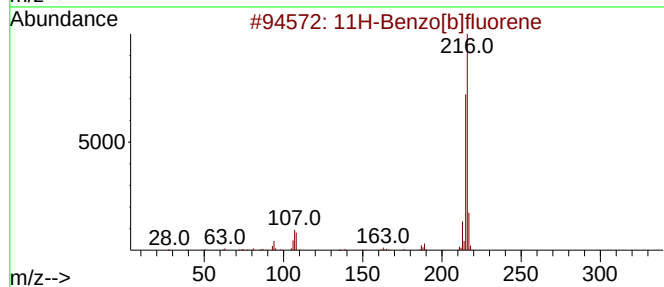
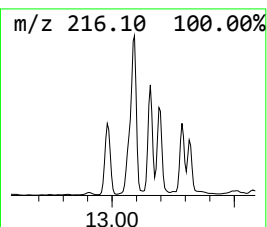
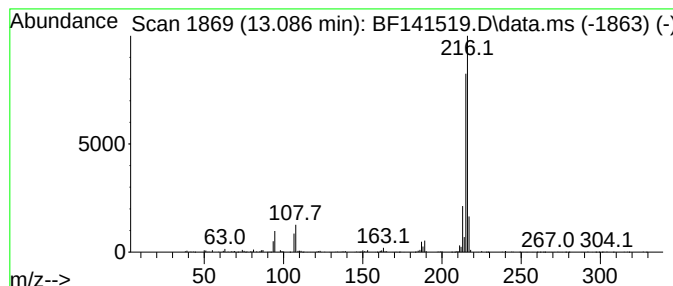
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	5.41 ng	565350	Chrysene-d12	13.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
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			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141519.D
Acq On : 07 Feb 2025 20:21
Operator : RC/JU
Sample : Q1232-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

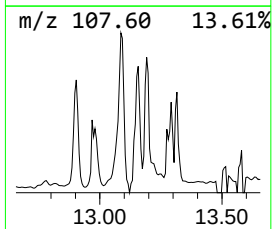
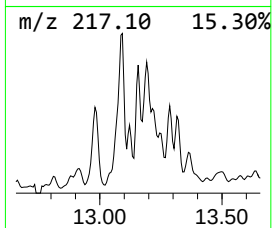
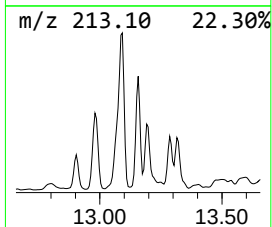
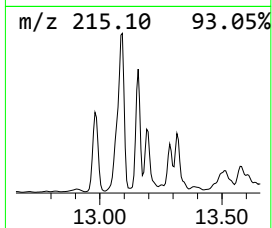
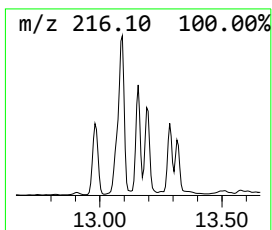
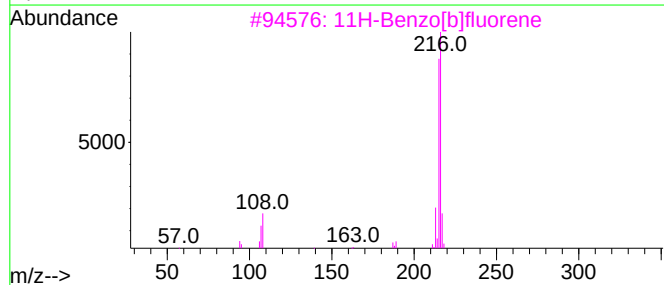
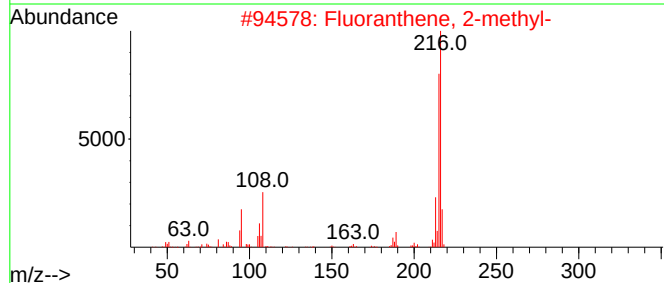
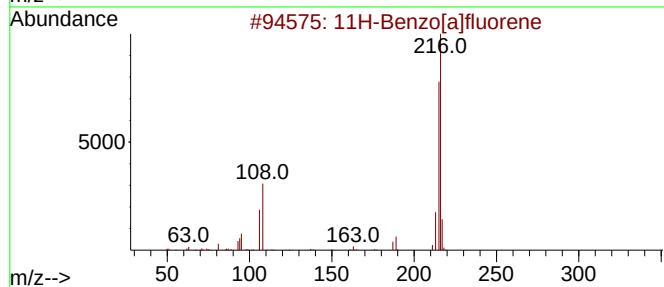
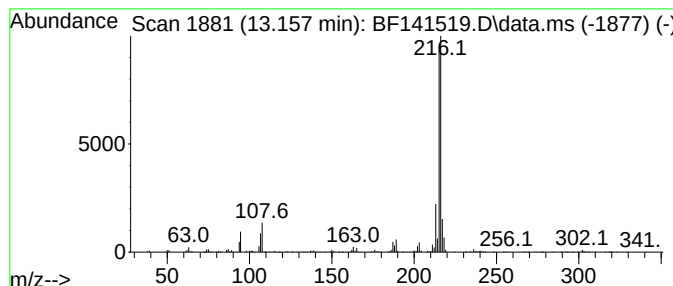
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	2.76 ng	288183	Chrysene-d12	13.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141519.D
Acq On : 07 Feb 2025 20:21
Operator : RC/JU
Sample : Q1232-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JPP-42.2-012925

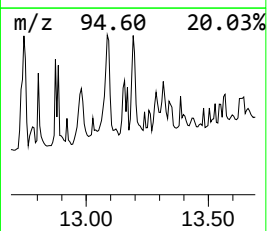
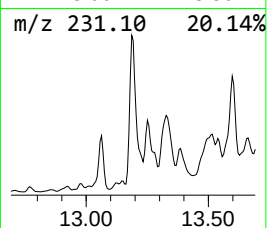
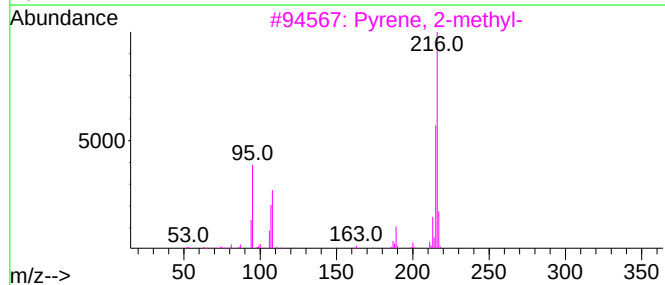
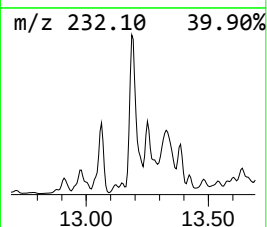
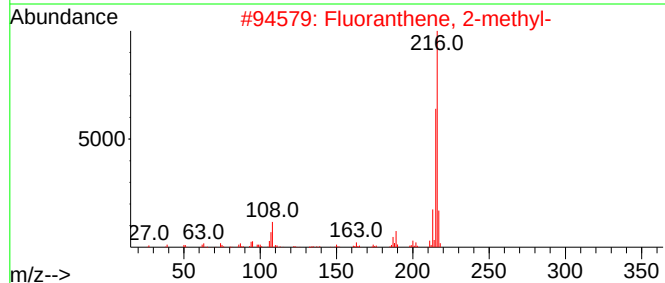
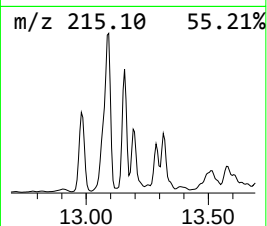
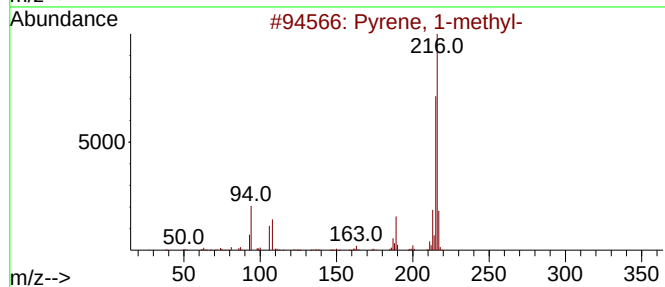
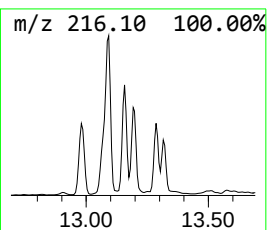
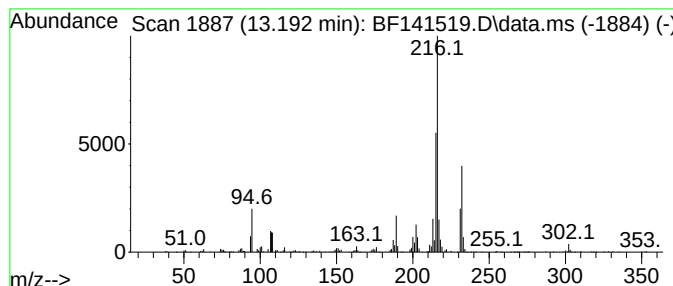
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	3.54 ng	370505	Chrysene-d12	13.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4			Pyrene, 4-methyl-	216	C17H12	003353-12-6	50
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141519.D
Acq On : 07 Feb 2025 20:21
Operator : RC/JU
Sample : Q1232-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

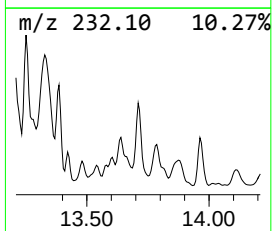
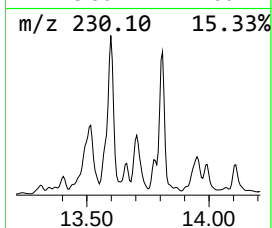
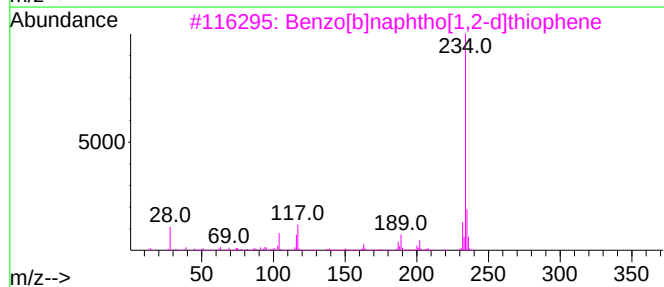
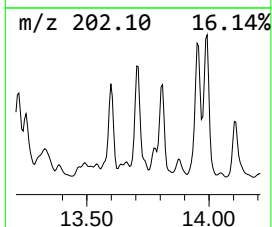
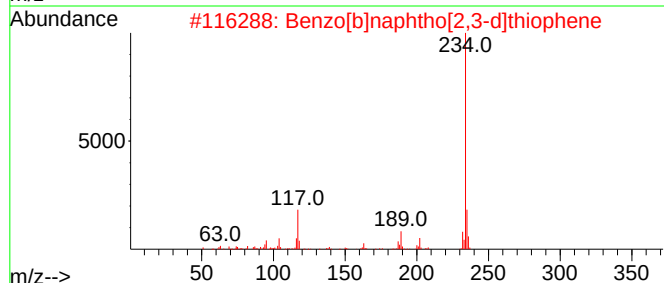
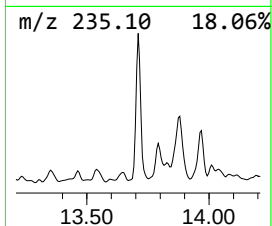
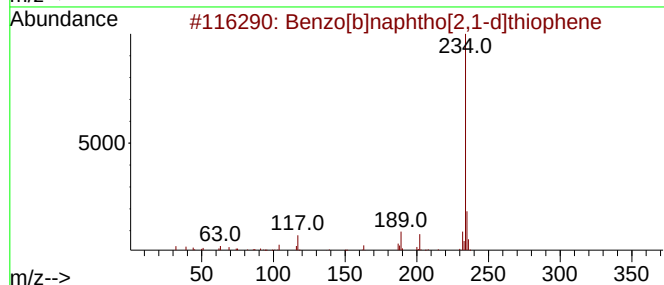
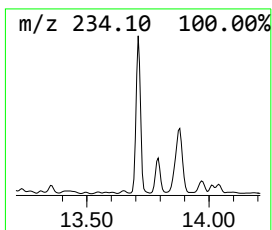
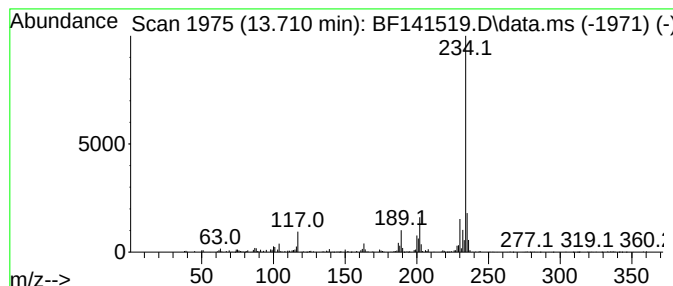
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.710	2.21 ng	230615	Chrysene-d12	13.963	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	76
4	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	59
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141519.D
Acq On : 07 Feb 2025 20:21
Operator : RC/JU
Sample : Q1232-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JPP-42.2-012925

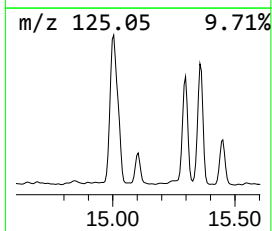
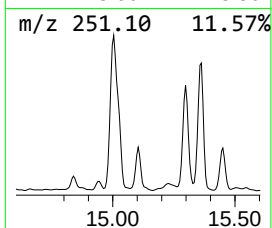
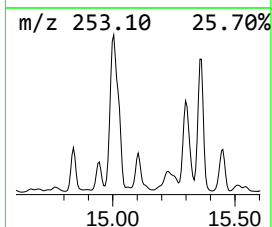
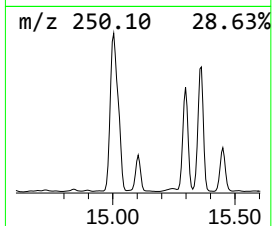
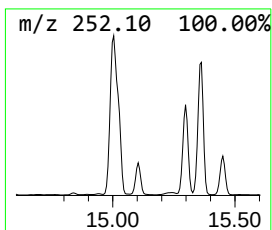
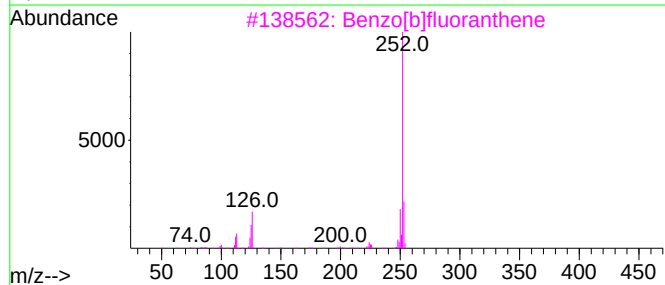
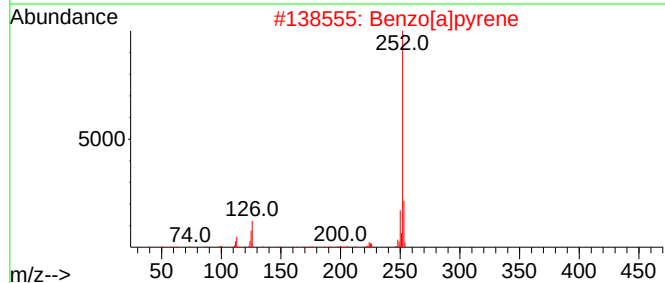
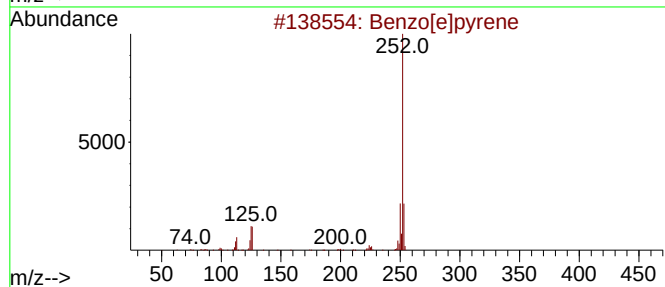
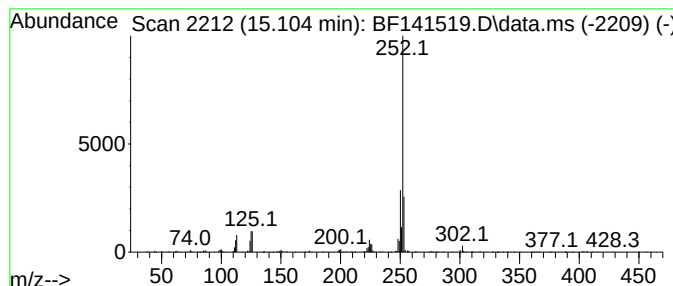
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	14.62 ng	183312	Perylene-d12	15.421

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	91
2		Benzo[a]pyrene	252	C20H12	000050-32-8	90
3		Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5		Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141519.D
Acq On : 07 Feb 2025 20:21
Operator : RC/JU
Sample : Q1232-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JPP-42.2-012925

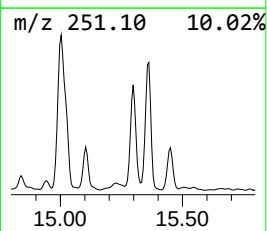
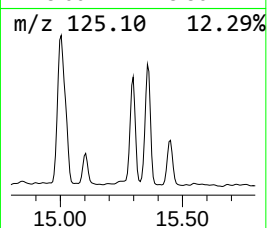
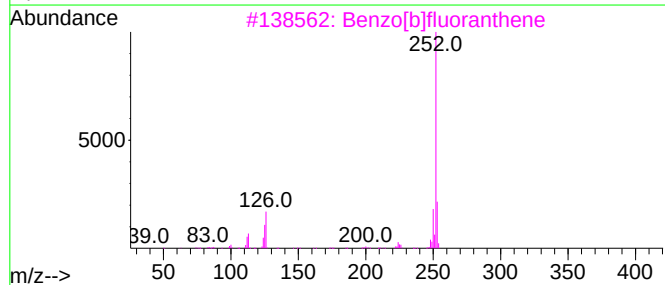
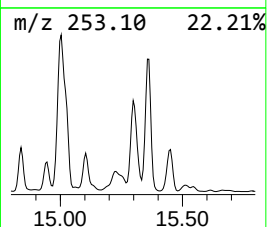
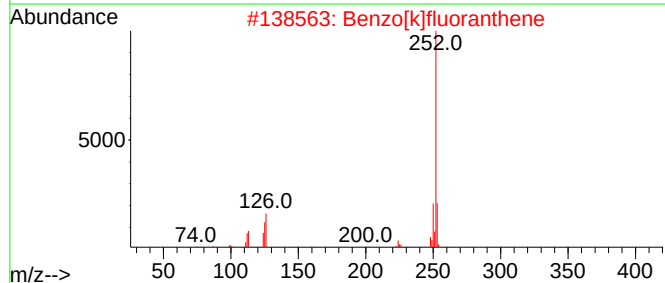
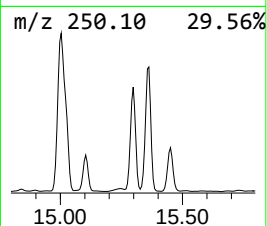
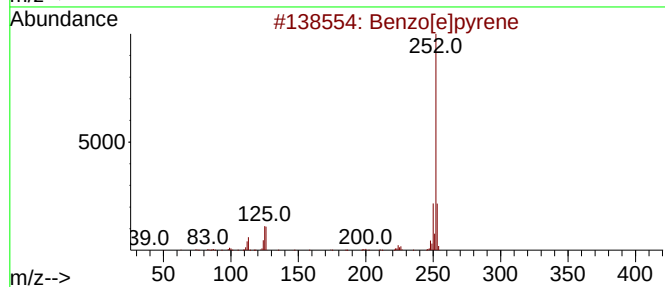
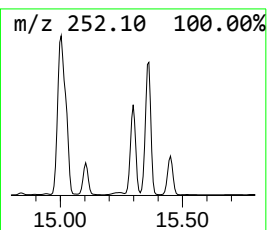
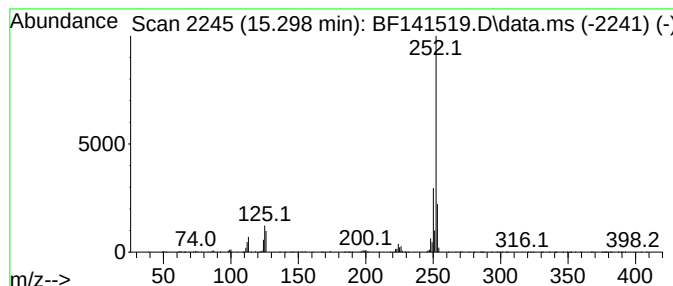
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	58.48 ng	733310	Perylene-d12	15.421

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141519.D
Acq On : 07 Feb 2025 20:21
Operator : RC/JU
Sample : Q1232-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Naphthalene, 2,...	9.486	3.3	ng	91365	3	9.827	547348	20.0
Benzene, [1-(2,...	10.439	2.2	ng	60401	3	9.827	547348	20.0
Benzophenone	10.539	9.0	ng	247077	3	9.827	547348	20.0
Phenanthrene, 2...	11.816	2.2	ng	237613	4	11.316	2133010	20.0
Phenanthrene, 1...	11.845	3.7	ng	396101	4	11.316	2133010	20.0
4H-Cyclopenta[d...	11.933	6.9	ng	736317	4	11.316	2133010	20.0
Naphthalene, 2-...	12.116	2.5	ng	264124	4	11.316	2133010	20.0
Phenanthrene, 2...	12.368	2.1	ng	219763	4	11.316	2133010	20.0
unknown12.404	12.404	2.1	ng	227342	4	11.316	2133010	20.0
Pyrene, 1-methyl-	12.980	4.1	ng	428191	5	13.963	2090960	20.0
11H-Benzo[b]flu...	13.086	5.4	ng	565350	5	13.963	2090960	20.0
11H-Benzo[a]flu...	13.157	2.8	ng	288183	5	13.963	2090960	20.0
Fluoranthene, 2...	13.192	3.5	ng	370505	5	13.963	2090960	20.0
Benzo[b]naphtho...	13.710	2.2	ng	230615	5	13.963	2090960	20.0
Cyclopenta(cd)p...	14.068	2.2	ng	227807	5	13.963	2090960	20.0
Benzo[e]pyrene	15.104	14.6	ng	183312	6	15.421	250793	20.0
Perylene	15.298	58.5	ng	733310	6	15.421	250793	20.0