

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141525.D
 Acq On : 07 Feb 2025 23:00
 Operator : RC/JU
 Sample : Q1241-15 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-5.4-013025

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: BF141525.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.410	559	564	580	rVB	654244	898888	18.62%	2.216%
2	6.434	732	738	754	rBV	682882	987222	20.45%	2.434%
3	6.792	794	799	806	rBV	439676	542298	11.23%	1.337%
4	7.351	884	894	904	rBV	449839	599098	12.41%	1.477%
5	8.075	1010	1017	1025	rBV	533060	763826	15.82%	1.883%
6	9.145	1194	1199	1209	rBV	760462	984548	20.40%	2.427%
7	9.228	1209	1213	1222	rBV2	47087	76622	1.59%	0.189%
8	9.486	1253	1257	1260	rBV	44666	63517	1.32%	0.157%
9	9.763	1299	1304	1308	rVB	41434	52791	1.09%	0.130%
10	9.828	1308	1315	1318	rBV	550660	716900	14.85%	1.767%
11	9.863	1318	1321	1326	rVB	186364	224817	4.66%	0.554%
12	10.033	1345	1350	1354	rVV	91071	121542	2.52%	0.300%
13	10.075	1354	1357	1365	rVB4	31916	52987	1.10%	0.131%
14	10.257	1380	1388	1393	rBV2	98225	162774	3.37%	0.401%
15	10.375	1403	1408	1414	rBV	153806	210812	4.37%	0.520%
16	10.439	1414	1419	1421	rBV	43169	74219	1.54%	0.183%
17	10.539	1431	1436	1442	rVB2	151883	220919	4.58%	0.545%
18	10.616	1444	1449	1455	rBV	430658	595754	12.34%	1.469%
19	10.739	1465	1470	1477	rVB2	77757	135936	2.82%	0.335%
20	10.927	1495	1502	1505	rBV3	69546	135558	2.81%	0.334%
21	11.057	1519	1524	1525	rBV2	61331	88617	1.84%	0.218%
22	11.122	1532	1535	1539	rVB	67320	83504	1.73%	0.206%
23	11.180	1539	1545	1548	rVV3	164112	280866	5.82%	0.692%
24	11.216	1548	1551	1557	rVB	120376	163447	3.39%	0.403%
25	11.345	1563	1573	1577	rBV2	1881258	3015153	62.46%	7.433%
26	11.392	1577	1581	1585	rVV	572285	761762	15.78%	1.878%
27	11.427	1585	1587	1593	rVB2	47705	62139	1.29%	0.153%
28	11.551	1603	1608	1615	rBV4	67094	165311	3.42%	0.408%
29	11.610	1615	1618	1622	rVV	94681	131780	2.73%	0.325%
30	11.651	1622	1625	1630	rVB4	39524	57278	1.19%	0.141%
31	11.822	1649	1654	1656	rBV	232070	327962	6.79%	0.809%
32	11.851	1656	1659	1663	rVV	387454	488330	10.12%	1.204%
33	11.898	1663	1667	1669	rVV	166148	214987	4.45%	0.530%
34	11.933	1669	1673	1681	rVB	512739	875543	18.14%	2.159%
35	12.022	1681	1688	1692	rBV	164850	262607	5.44%	0.647%
36	12.116	1698	1704	1707	rBV	223804	325396	6.74%	0.802%

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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

37	12.145	1707	1709	1713	rVB	98730	98974	2.05%	0.244%
38	12.263	1725	1729	1732	rBV2	128016	164963	3.42%	0.407%
39	12.369	1743	1747	1751	rBV	142181	232944	4.83%	0.574%
40	12.410	1751	1754	1759	rVV4	144990	247775	5.13%	0.611%
41	12.463	1759	1763	1768	rVB	184728	257404	5.33%	0.635%
42	12.545	1770	1777	1781	rBV	3020104	4436917	91.91%	10.939%
43	12.598	1781	1786	1789	rVB2	58976	113986	2.36%	0.281%
44	12.686	1797	1801	1808	rVB2	134476	199605	4.13%	0.492%
45	12.774	1808	1816	1820	rBV	2834489	4827276	100.00%	11.901%
46	12.816	1820	1823	1829	rVB2	130535	181565	3.76%	0.448%
47	12.904	1830	1838	1845	rBV3	601195	1150208	23.83%	2.836%
48	12.980	1846	1851	1856	rBV2	217841	438310	9.08%	1.081%
49	13.092	1863	1870	1874	rVB	373142	647306	13.41%	1.596%
50	13.157	1878	1881	1884	rVV	240559	305067	6.32%	0.752%
51	13.198	1884	1888	1895	rVB2	248600	490920	10.17%	1.210%
52	13.286	1900	1903	1906	rVV2	205185	279641	5.79%	0.689%
53	13.321	1906	1909	1917	rVB2	129562	208310	4.32%	0.514%
54	13.480	1932	1936	1940	rBV2	178241	296779	6.15%	0.732%
55	13.604	1954	1957	1962	rVB	134441	182155	3.77%	0.449%
56	13.716	1972	1976	1978	rBV2	182098	253989	5.26%	0.626%
57	13.816	1990	1993	2000	rVB	154348	198094	4.10%	0.488%
58	13.963	2012	2018	2022	rBV2	1375241	2520513	52.21%	6.214%
59	13.998	2022	2024	2031	rVB	1070214	1402653	29.06%	3.458%
60	14.080	2034	2038	2042	rVB	254257	314625	6.52%	0.776%
61	14.368	2084	2087	2090	rVB	149932	179373	3.72%	0.442%
62	15.033	2194	2200	2209	rBV	971603	2280250	47.24%	5.622%
63	15.133	2214	2217	2222	rVB	173996	217292	4.50%	0.536%
64	15.327	2246	2250	2256	rVB	487089	809175	16.76%	1.995%
65	15.392	2256	2261	2266	rVB	814519	1227170	25.42%	3.025%
66	15.451	2268	2271	2273	rBV	156357	215969	4.47%	0.532%
67	16.909	2513	2519	2526	rVB2	329058	695361	14.40%	1.714%
68	17.345	2588	2593	2609	rVB	239155	561509	11.63%	1.384%

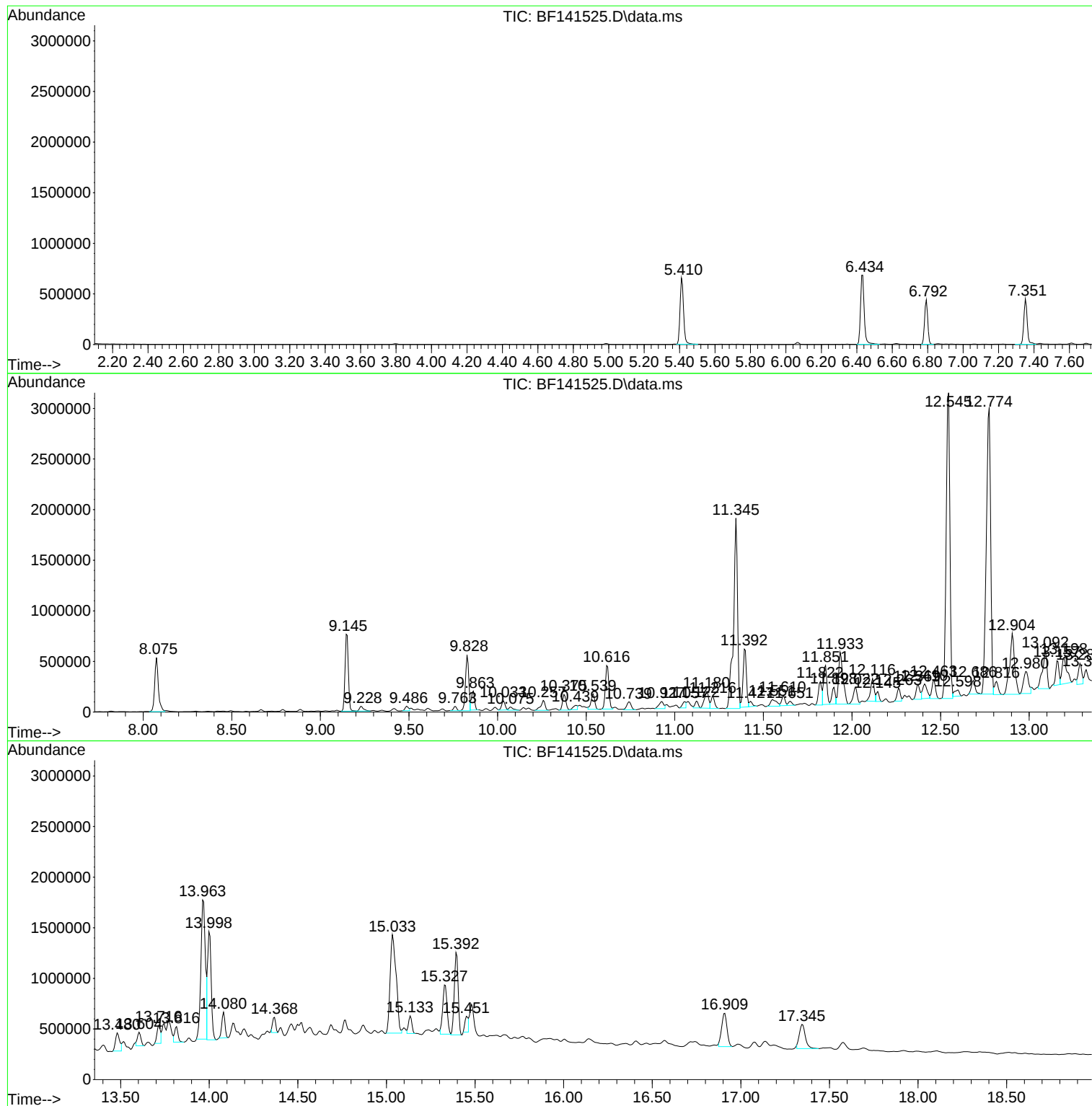
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JPP-5.4-013025

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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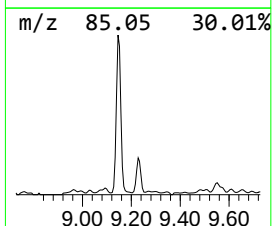
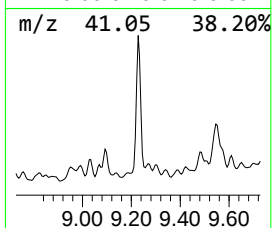
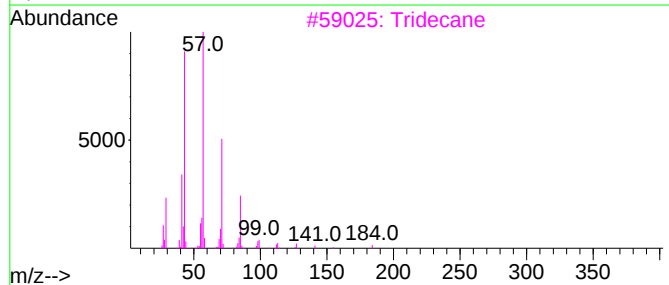
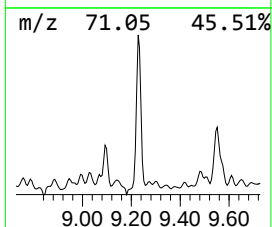
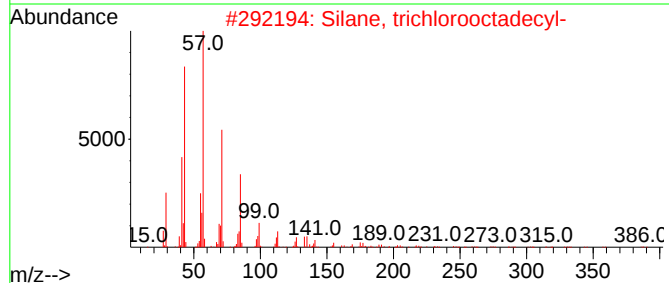
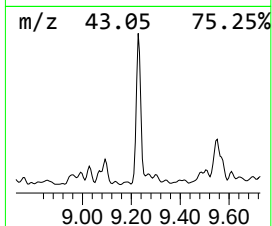
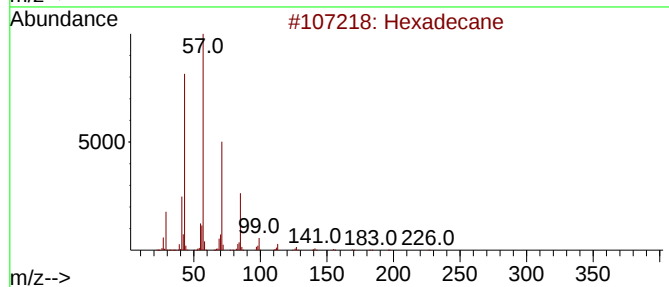
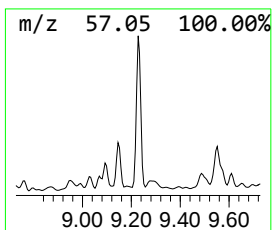
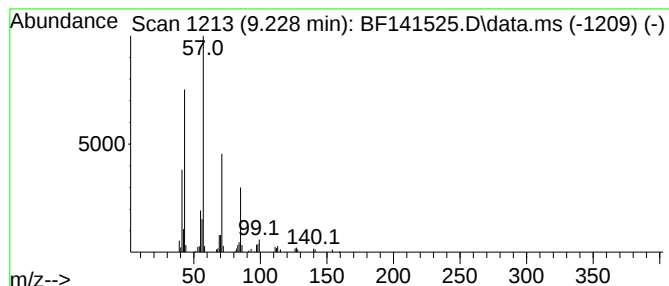
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.228	2.14 ng	76622	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
3			Tridecane	184	C13H28	000629-50-5	86
4			Nonadecane	268	C19H40	000629-92-5	80
5			Eicosane	282	C20H42	000112-95-8	78



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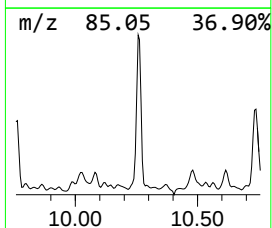
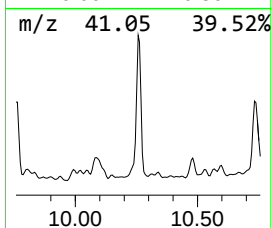
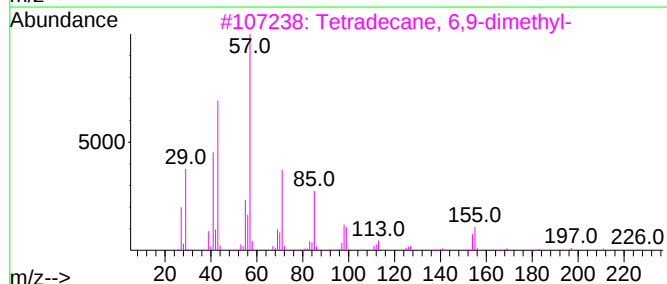
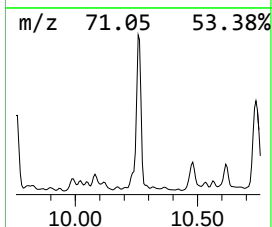
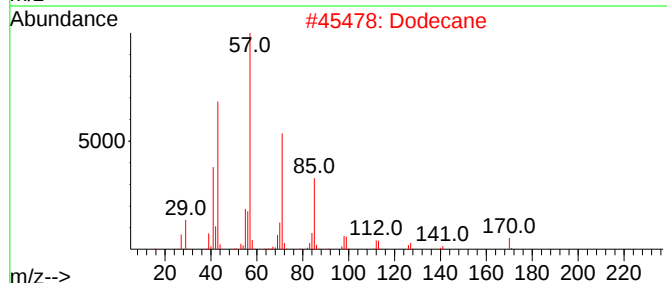
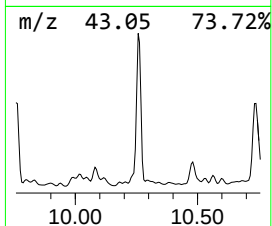
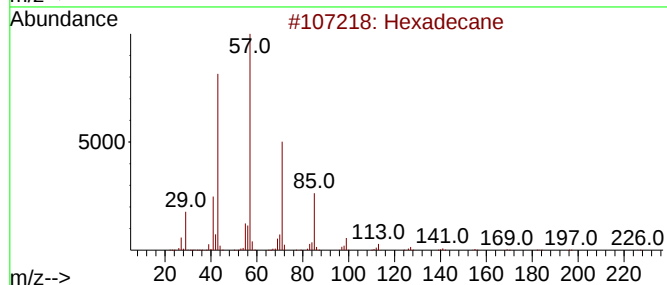
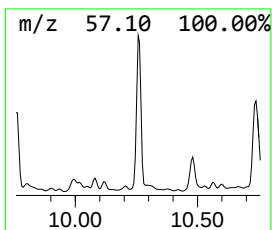
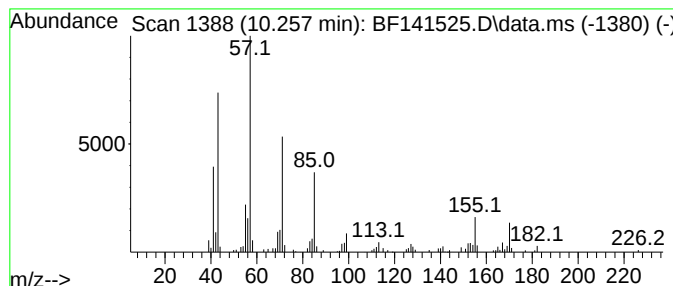
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.257	4.54 ng	162774	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Dodecane	170	C12H26	000112-40-3	76
3			Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	74
4			Undecane	156	C11H24	001120-21-4	70
5			Nonadecane	268	C19H40	000629-92-5	62



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ALS Vial : 21 Sample Multiplier: 1

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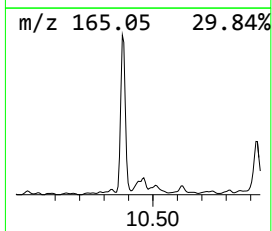
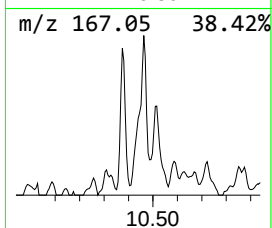
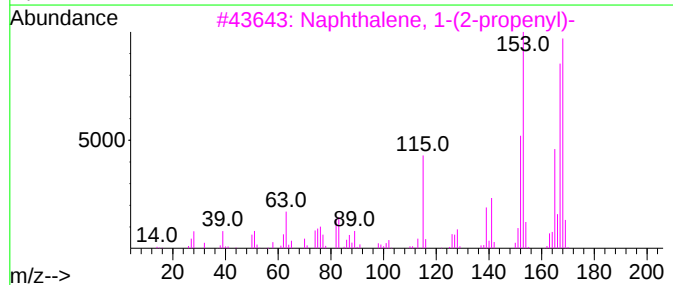
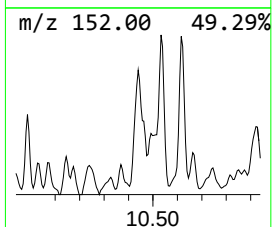
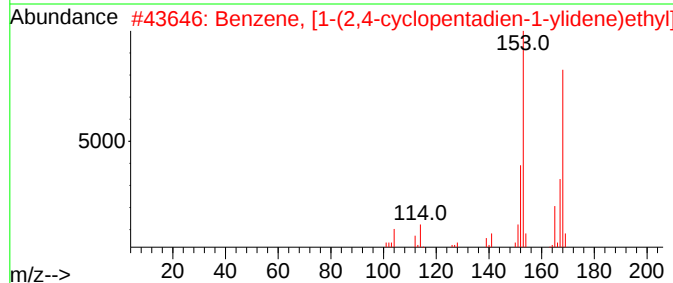
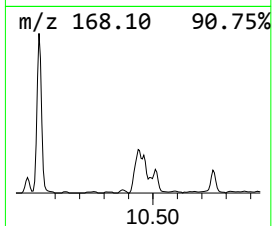
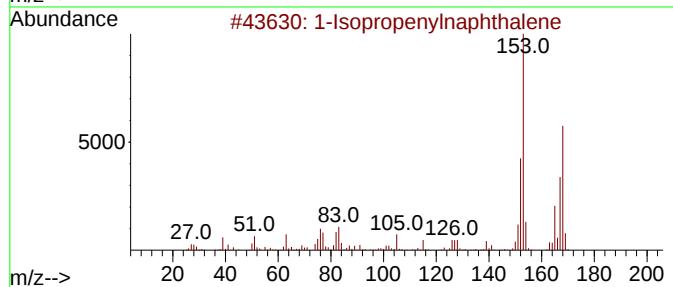
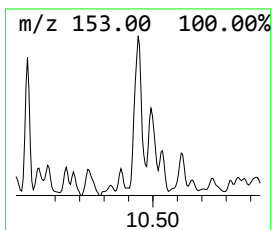
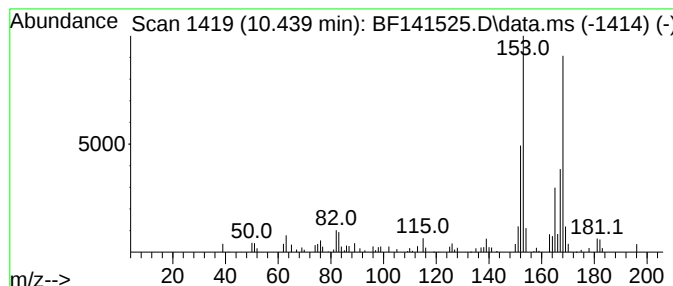
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 1-Isopropenylnaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.439	2.07 ng	74219	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	59
4			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53
5			4-Methoxy-2-methyl-1-(methylthio...	168	C9H12OS	022583-04-6	47



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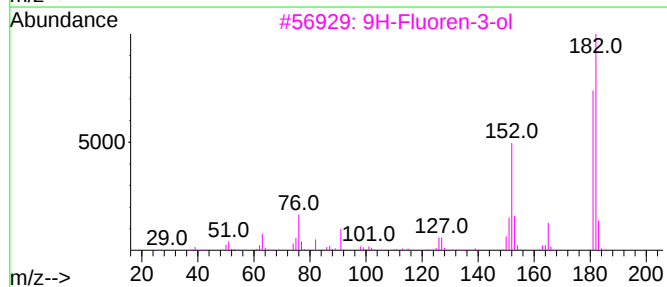
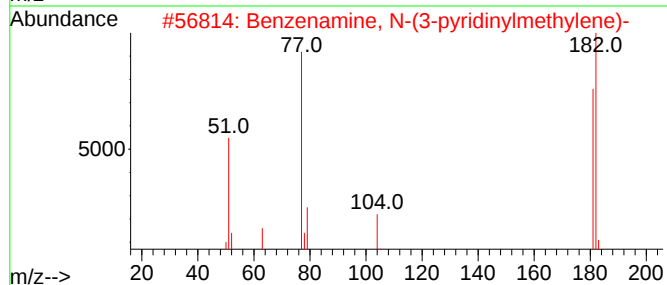
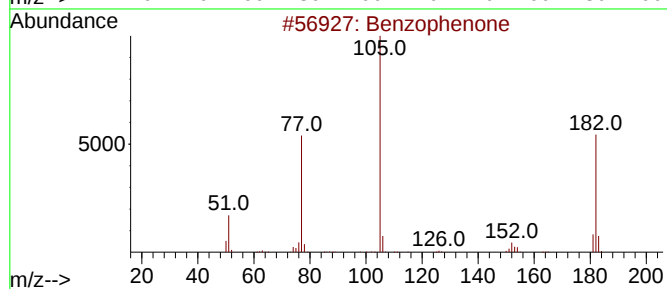
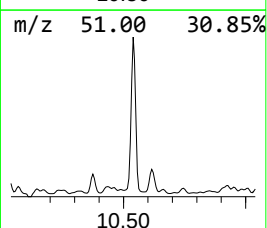
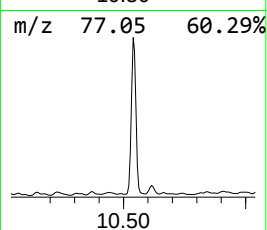
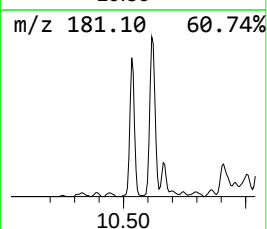
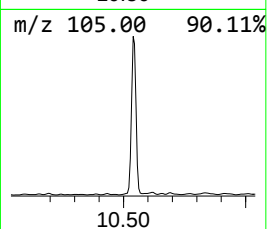
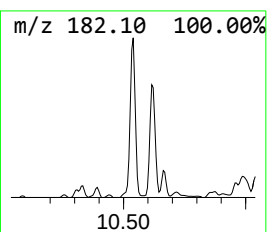
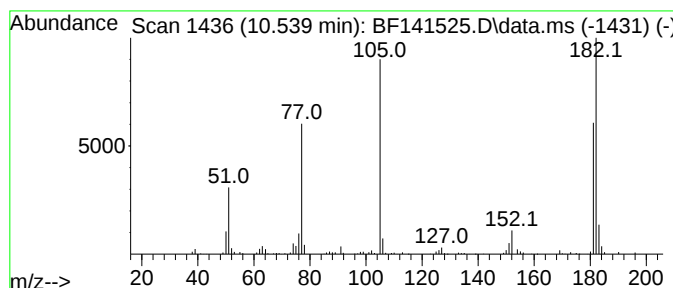
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	6.16 ng	220919	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	64
3			9H-Fluoren-3-ol	182	C13H10O	006344-67-8	52
4			2-Hydroxyfluorene	182	C13H10O	002443-58-5	50
5			Azobenzene	182	C12H10N2	000103-33-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141525.D
Acq On : 07 Feb 2025 23:00
Operator : RC/JU
Sample : Q1241-15 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JPP-5.4-013025

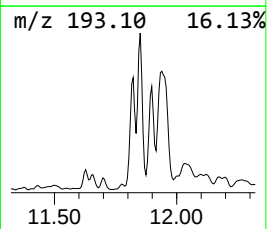
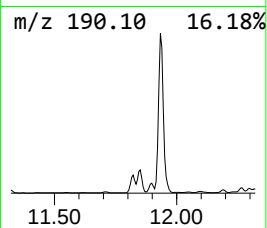
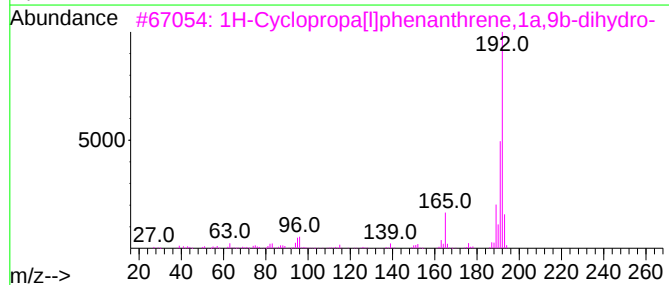
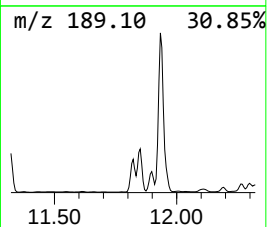
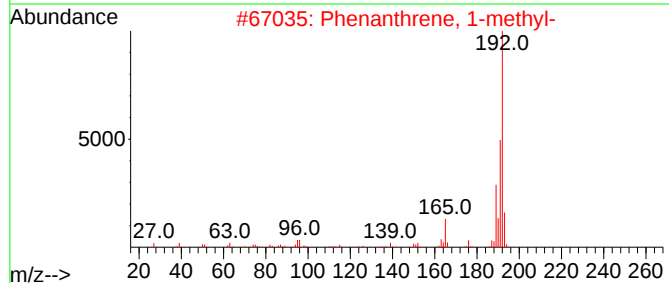
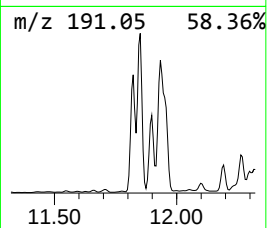
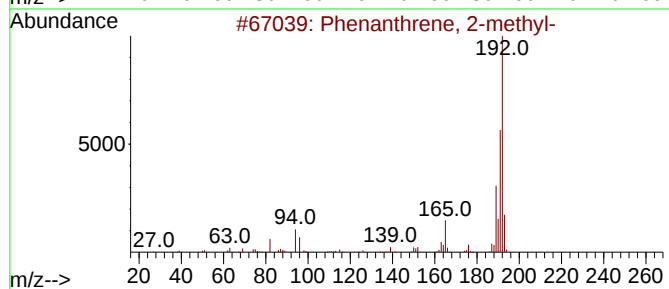
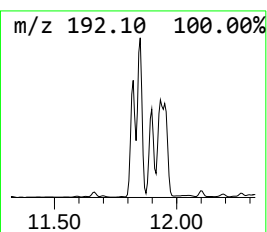
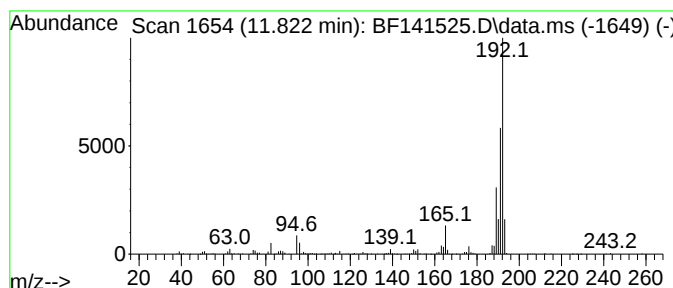
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	2.18 ng	327962	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141525.D
Acq On : 07 Feb 2025 23:00
Operator : RC/JU
Sample : Q1241-15 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

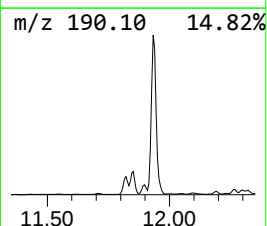
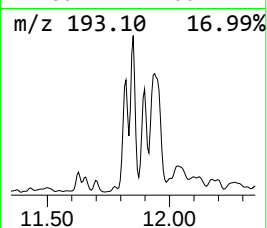
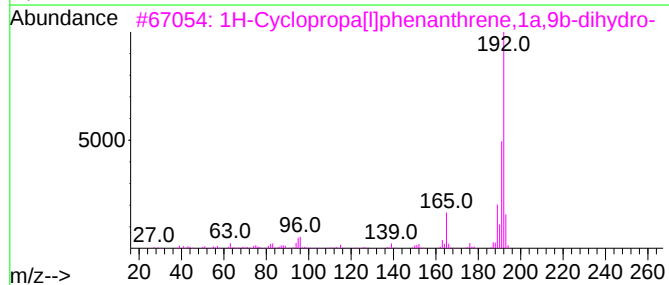
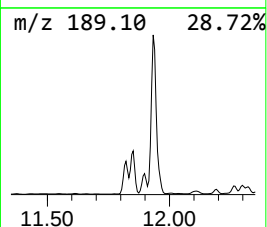
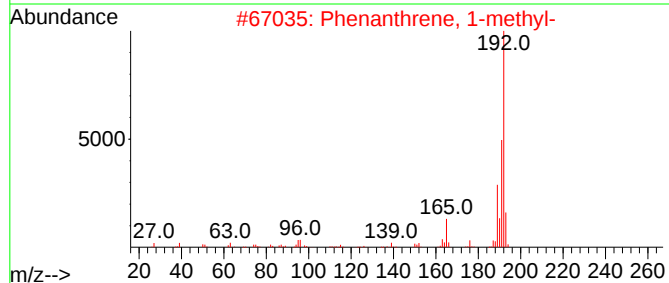
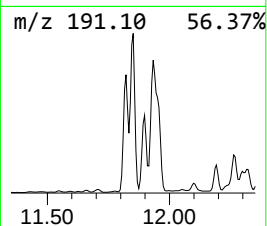
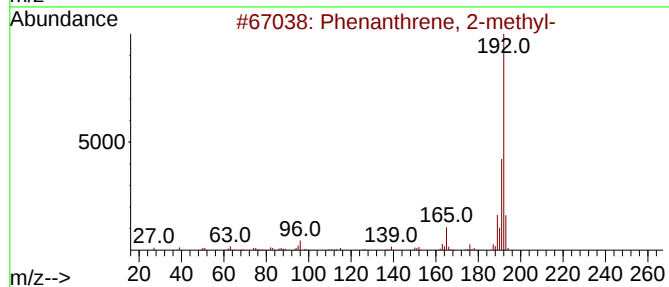
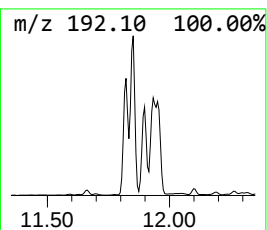
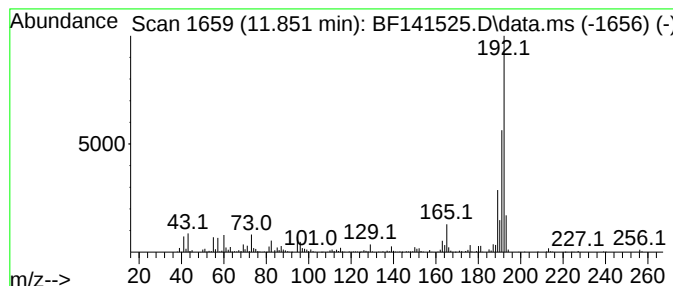
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	3.24 ng	488330	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141525.D
Acq On : 07 Feb 2025 23:00
Operator : RC/JU
Sample : Q1241-15 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

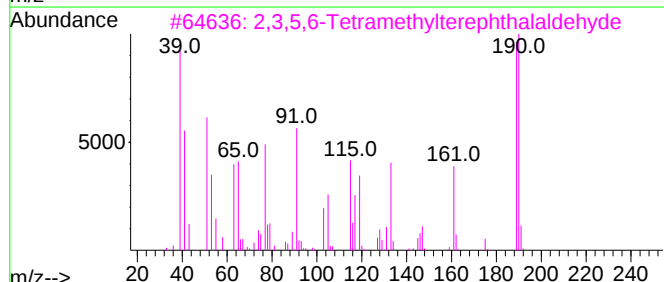
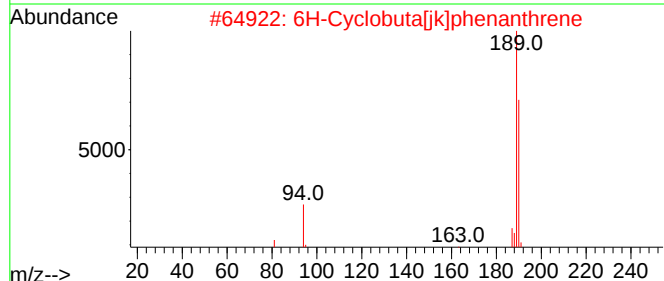
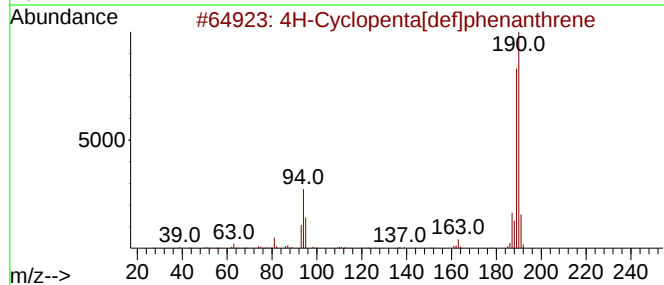
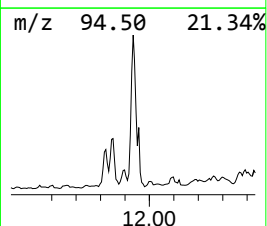
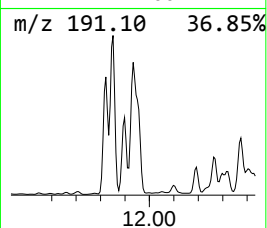
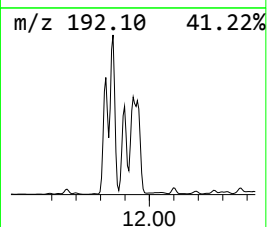
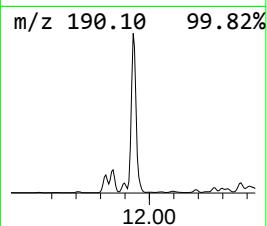
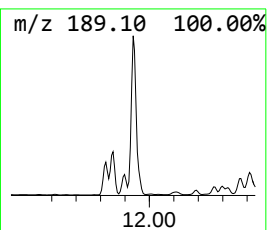
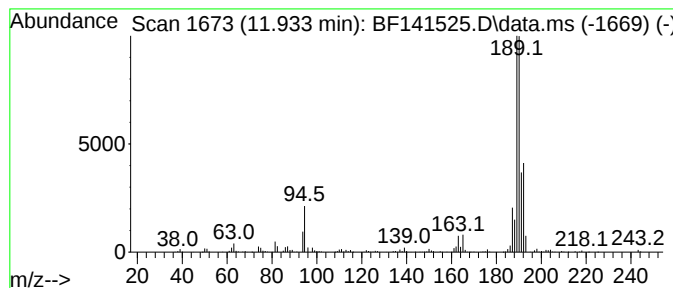
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	5.81 ng	875543	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5			2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141525.D
Acq On : 07 Feb 2025 23:00
Operator : RC/JU
Sample : Q1241-15 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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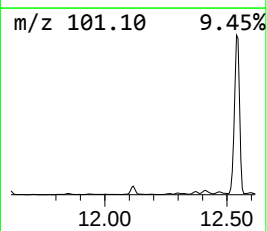
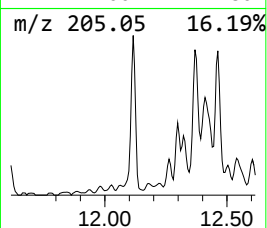
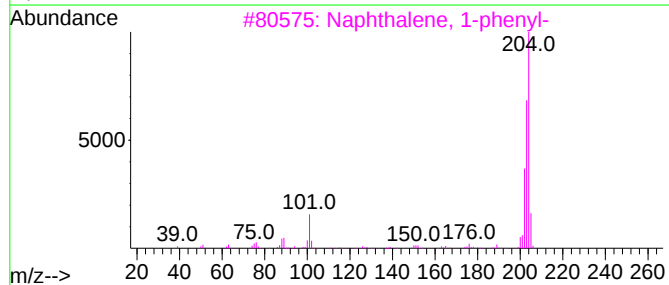
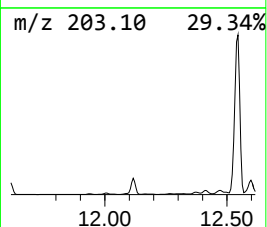
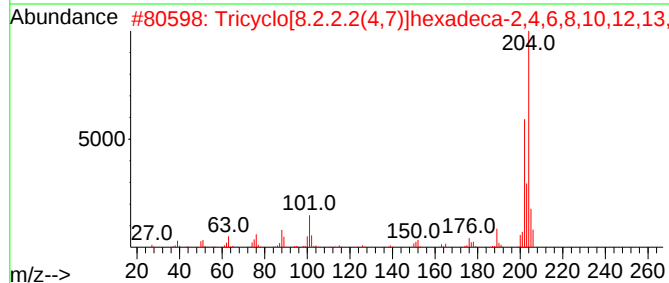
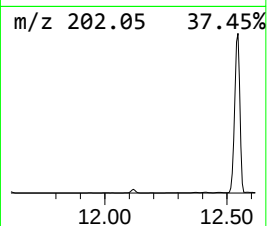
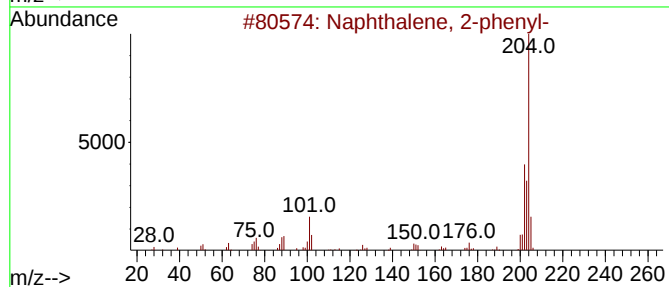
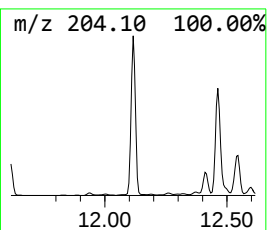
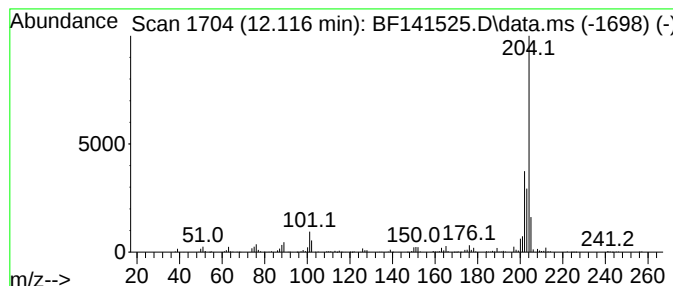
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	2.16 ng	325396	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
4			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5			9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141525.D
Acq On : 07 Feb 2025 23:00
Operator : RC/JU
Sample : Q1241-15 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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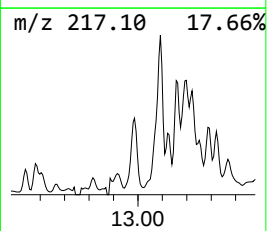
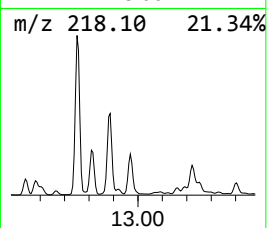
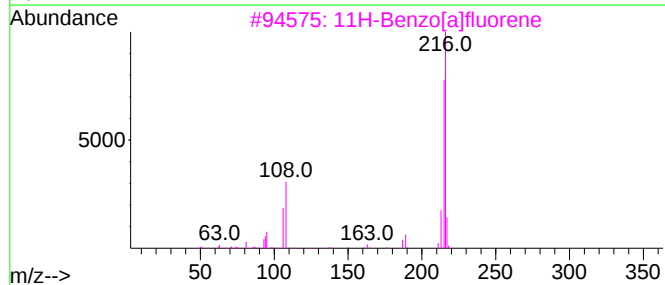
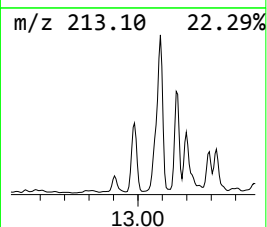
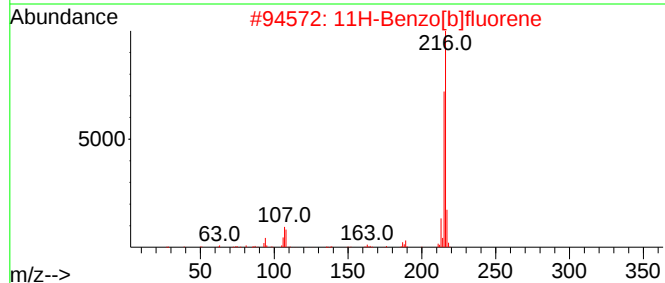
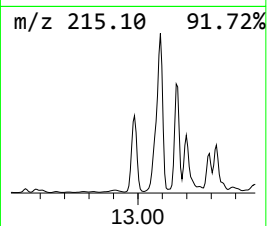
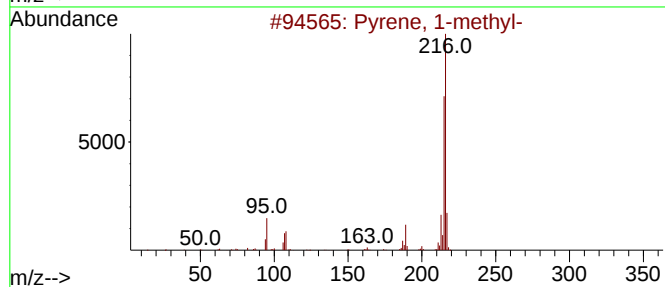
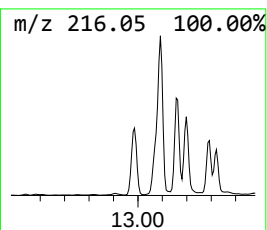
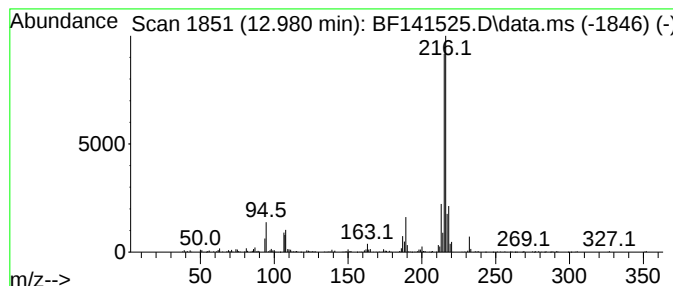
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	3.48 ng	438310	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141525.D
Acq On : 07 Feb 2025 23:00
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Misc :
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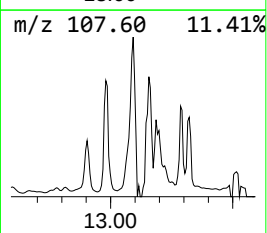
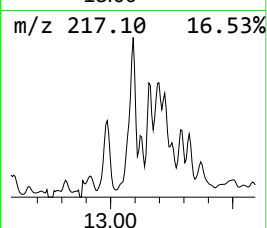
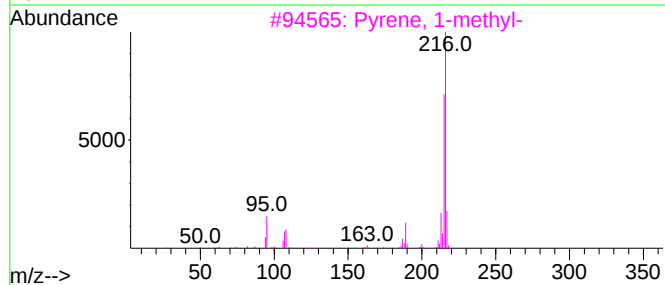
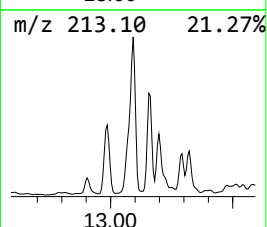
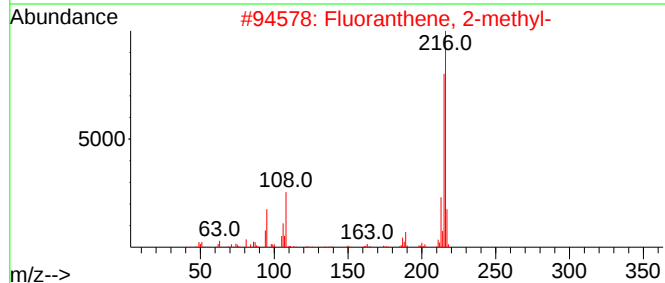
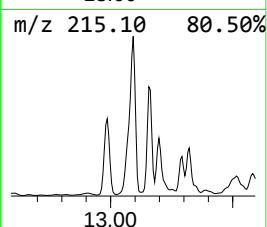
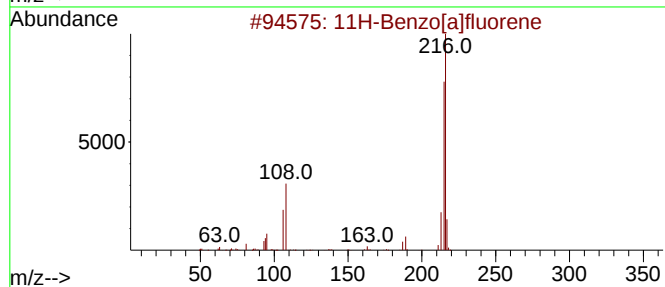
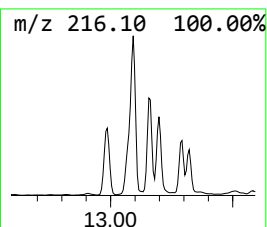
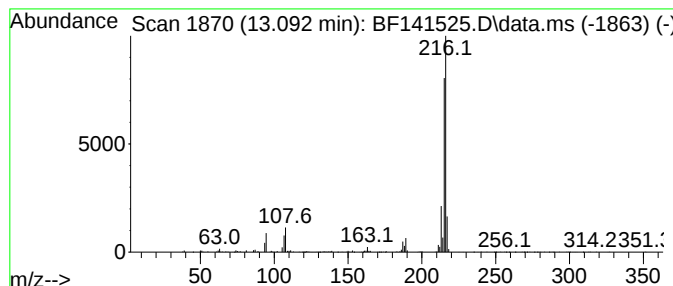
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	5.14 ng	647306	Chrysene-d12	13.974

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141525.D
Acq On : 07 Feb 2025 23:00
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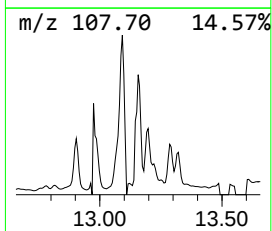
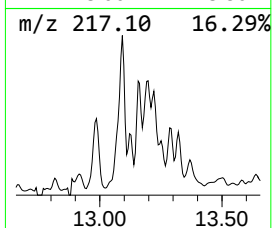
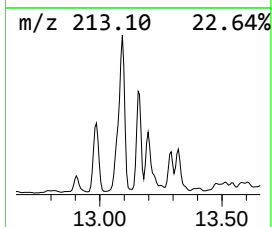
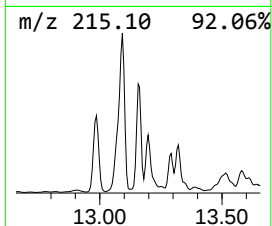
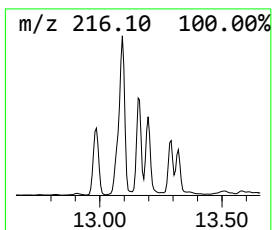
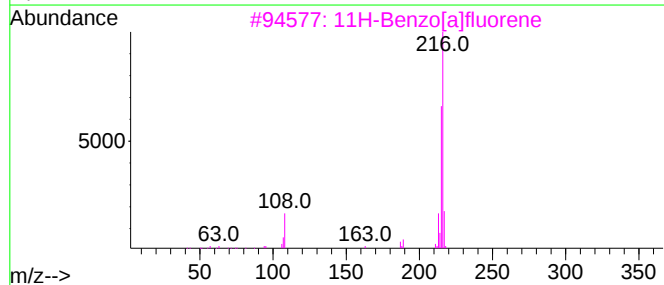
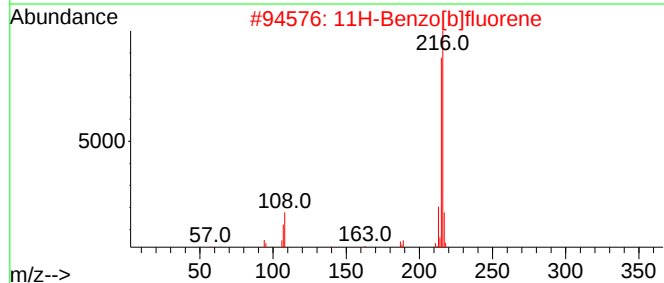
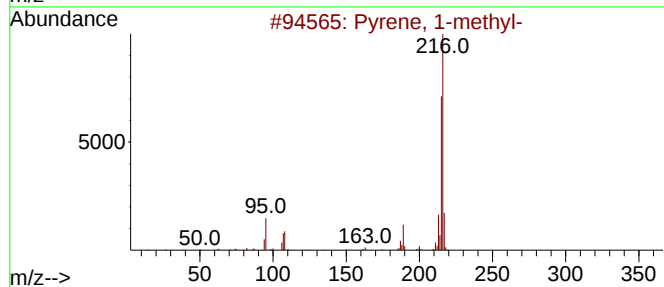
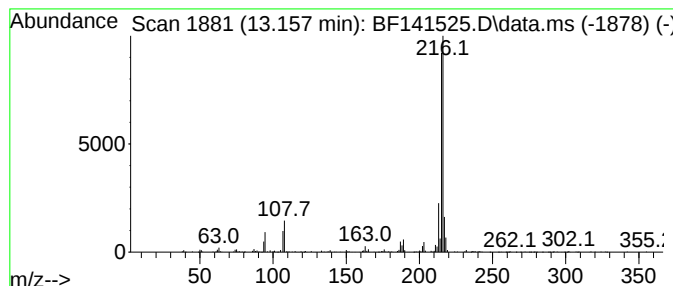
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	2.42 ng	305067	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141525.D
Acq On : 07 Feb 2025 23:00
Operator : RC/JU
Sample : Q1241-15 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

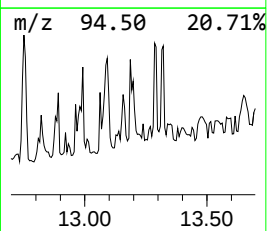
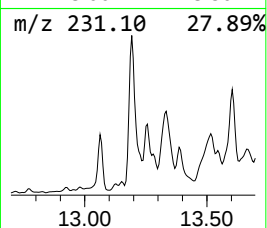
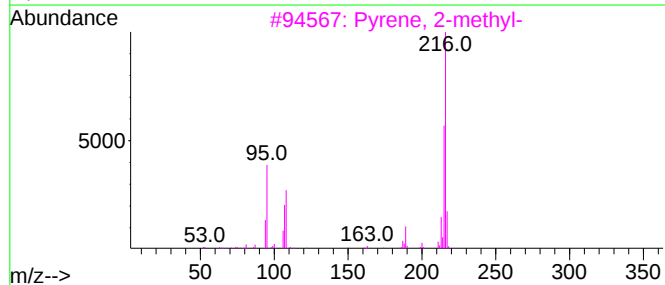
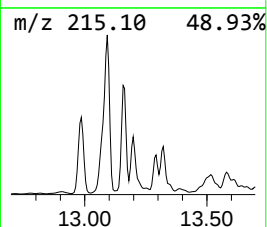
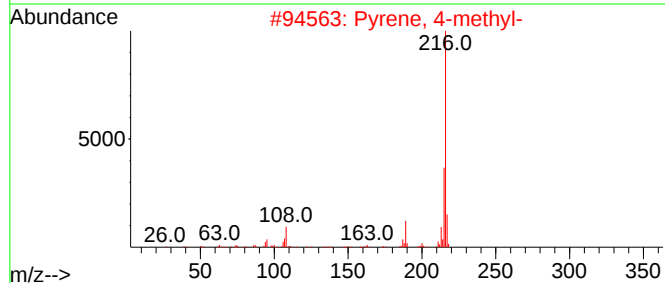
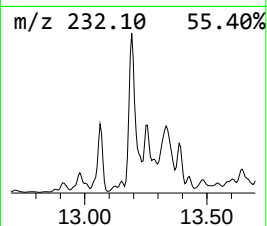
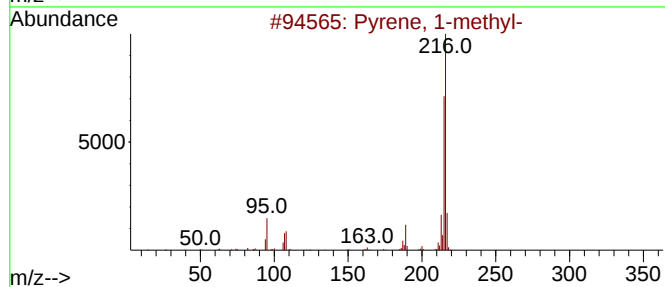
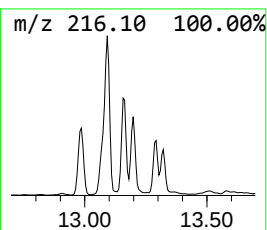
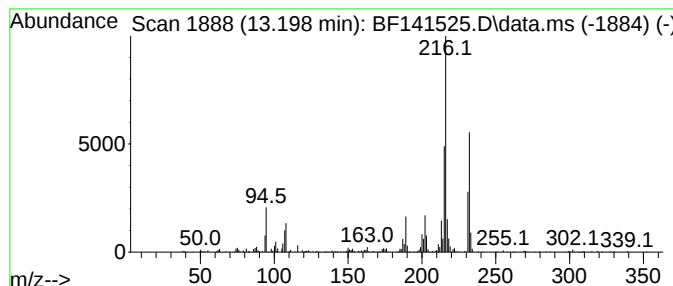
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	3.90 ng	490920	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2			Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141525.D
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Operator : RC/JU
Sample : Q1241-15 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JPP-5.4-013025

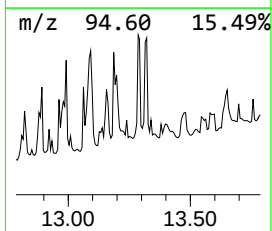
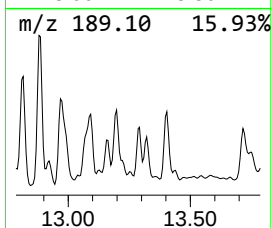
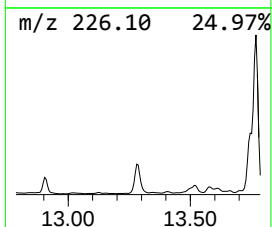
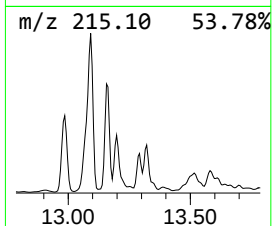
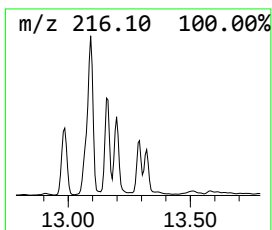
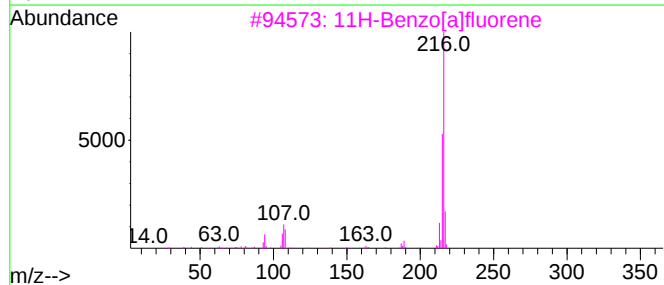
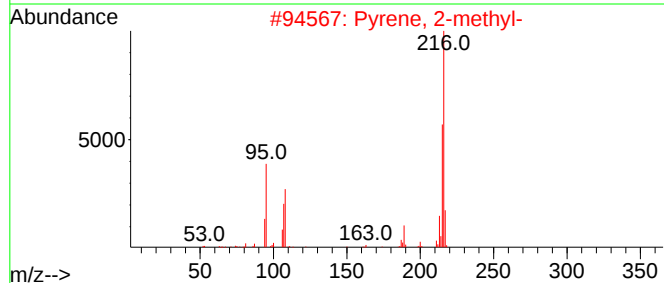
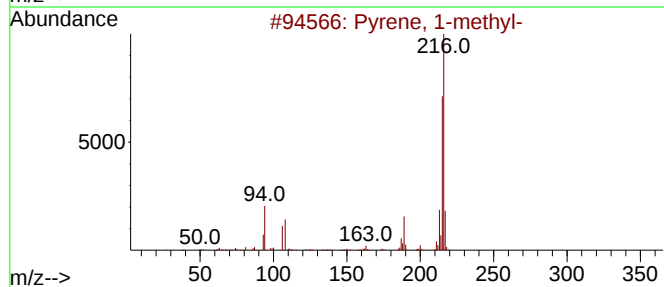
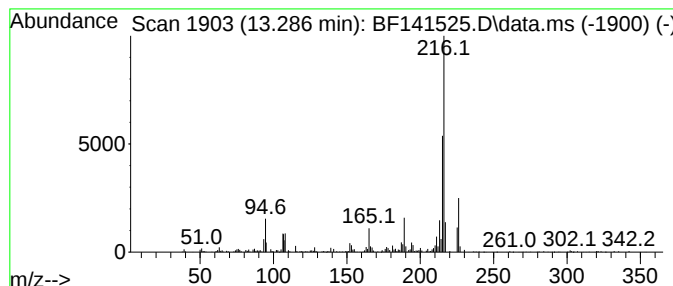
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pyrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	2.22 ng	279641	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
4			Pyrene, 4-methyl-	216	C17H12	003353-12-6	70
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141525.D
Acq On : 07 Feb 2025 23:00
Operator : RC/JU
Sample : Q1241-15 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JPP-5.4-013025

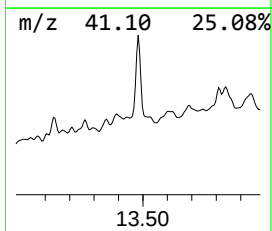
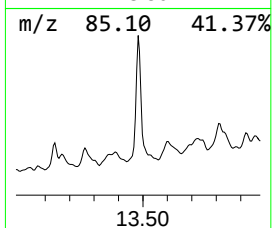
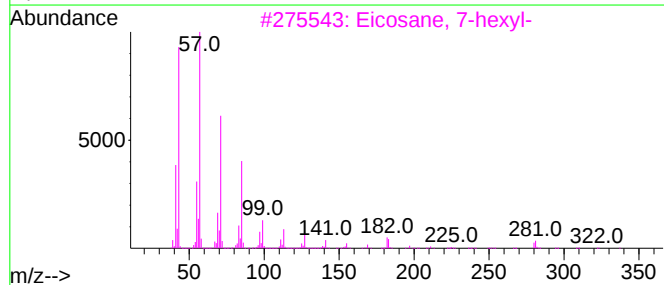
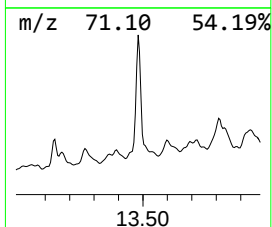
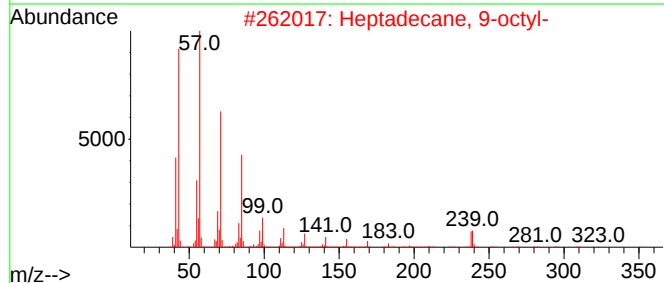
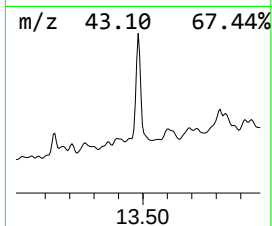
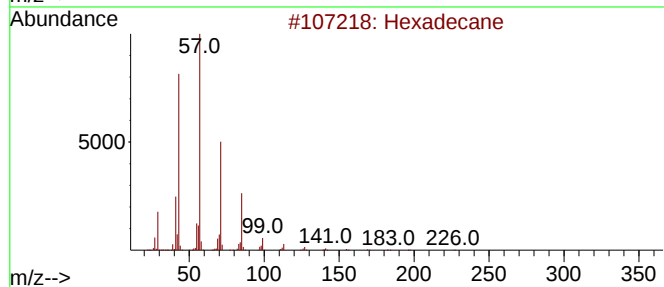
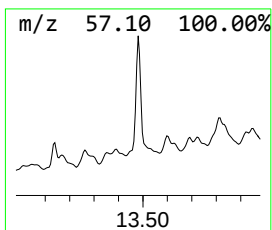
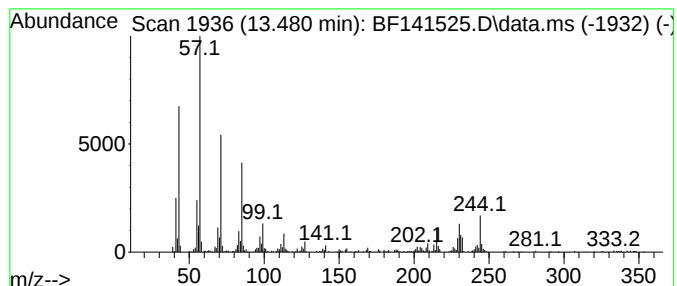
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane, 9-octyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.480	2.35 ng	296779	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	70
4			Tetracosane	338	C24H50	000646-31-1	70
5			Tricosane, 2-methyl-	338	C24H50	001928-30-9	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141525.D
Acq On : 07 Feb 2025 23:00
Operator : RC/JU
Sample : Q1241-15 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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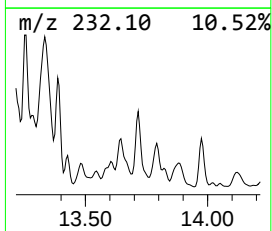
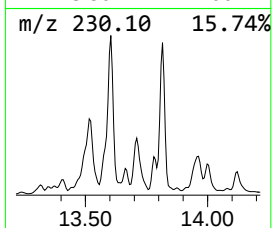
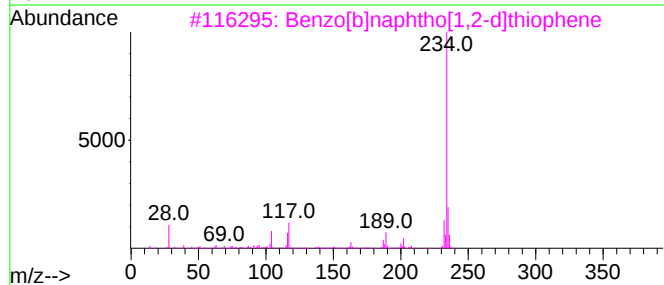
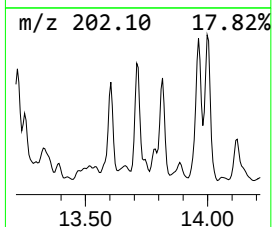
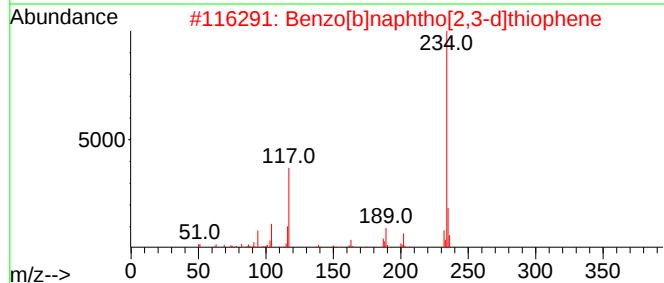
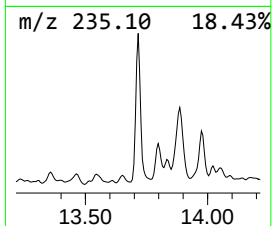
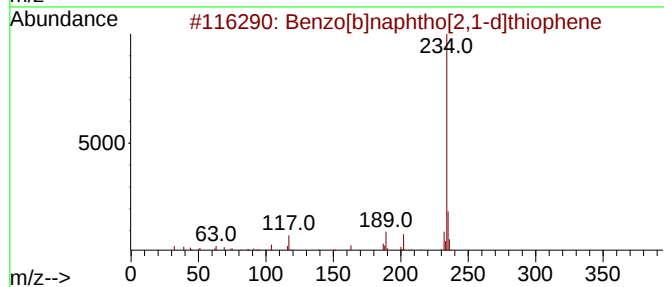
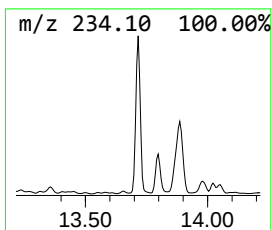
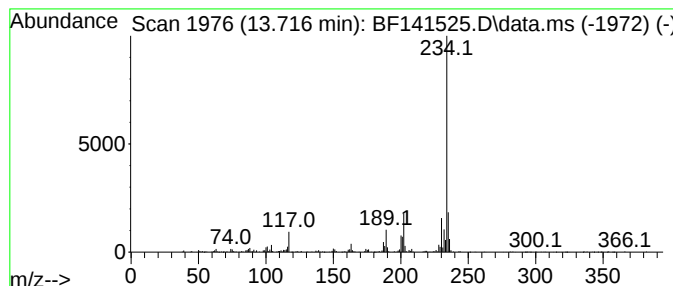
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	2.02 ng	253989	Chrysene-d12	13.974

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	87
3			Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	76
4			pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	53
5			Imidazole, 4-pentafluorophenyl-	234	C9H3F5N2	081769-58-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141525.D
Acq On : 07 Feb 2025 23:00
Operator : RC/JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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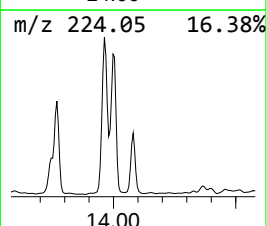
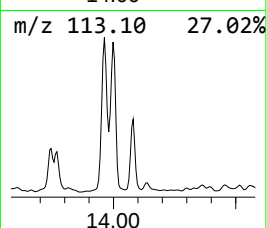
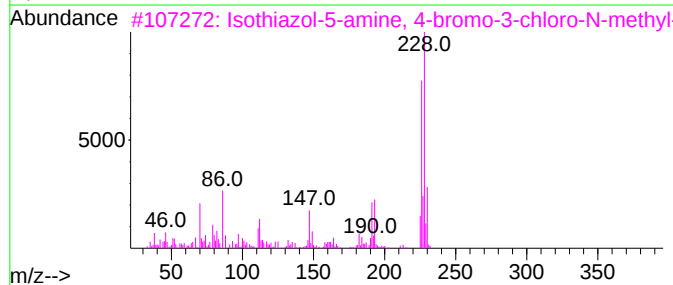
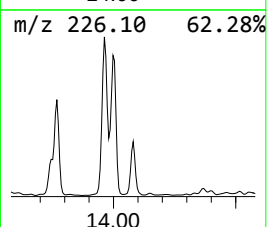
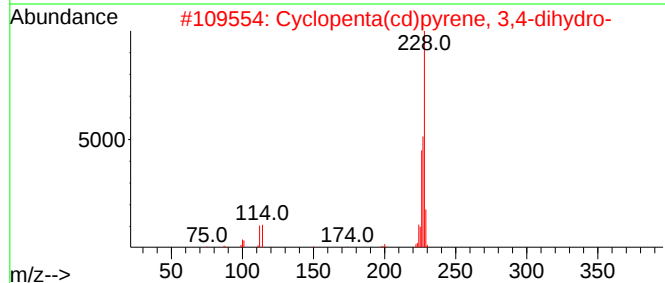
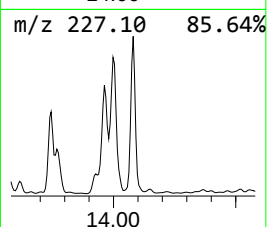
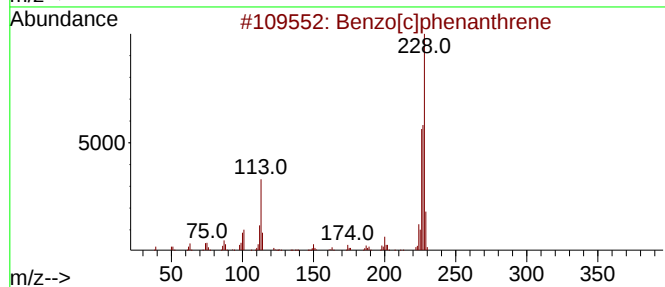
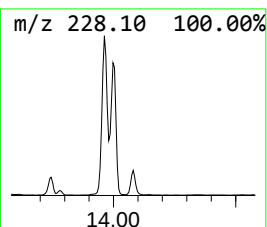
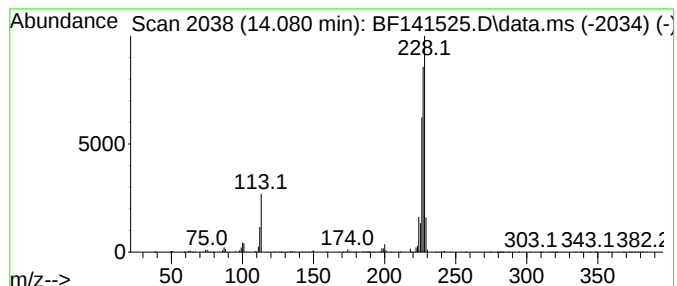
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[c]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.080	2.50 ng	314625	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]phenanthrene	228	C18H12	000195-19-7	68
2			Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	64
3			Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	50
4			Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
5			Benz[a]anthracene	228	C18H12	000056-55-3	43



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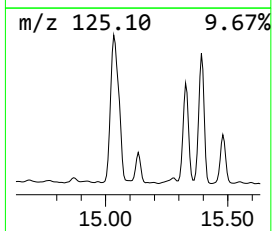
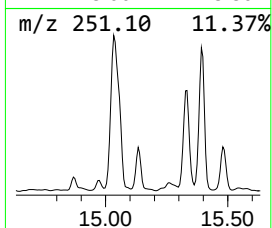
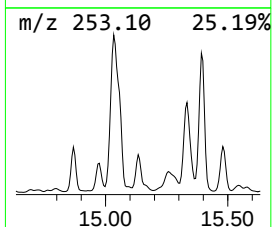
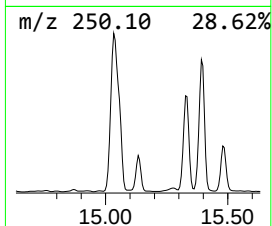
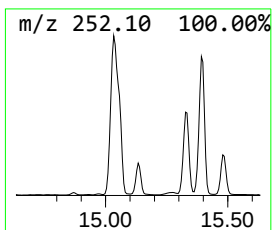
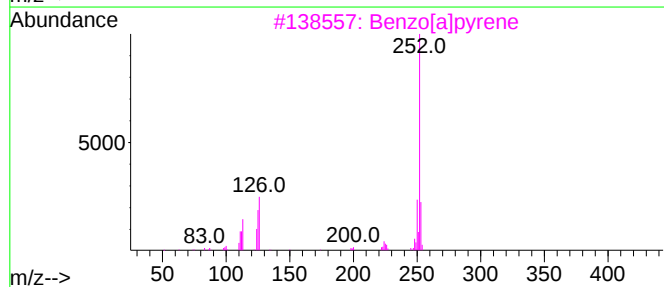
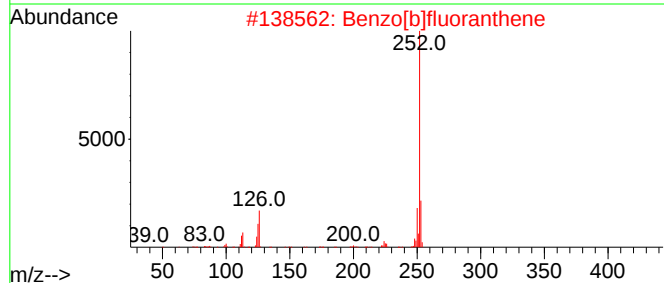
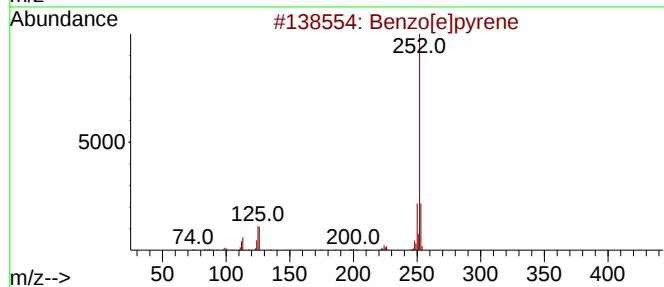
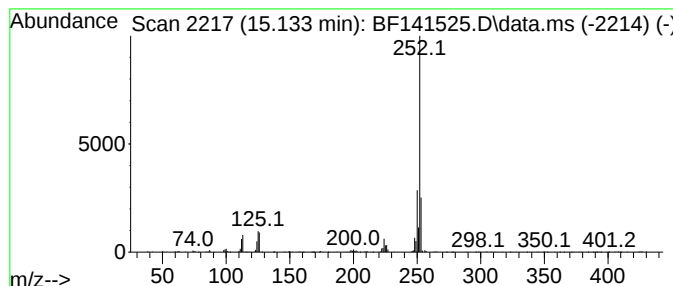
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.133	20.12 ng	217292	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	93
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3			Benzo[a]pyrene	252	C20H12	000050-32-8	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 : BF141525.D
Acq On : 07 Feb 2025 23:00
Operator : RC/JU
Sample : Q1241-15 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

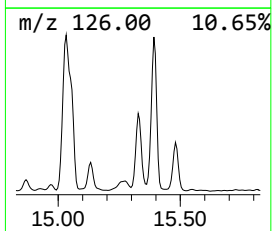
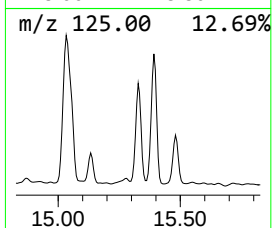
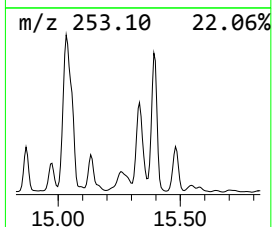
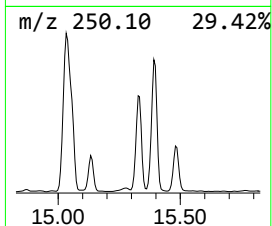
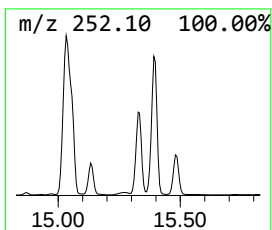
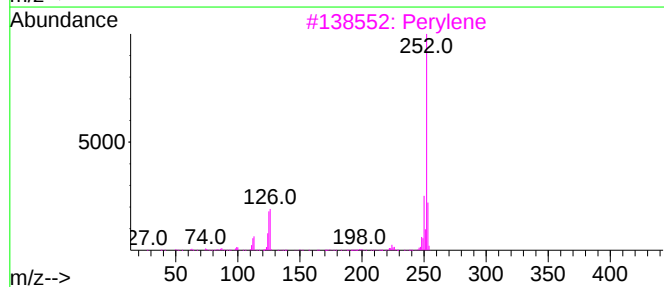
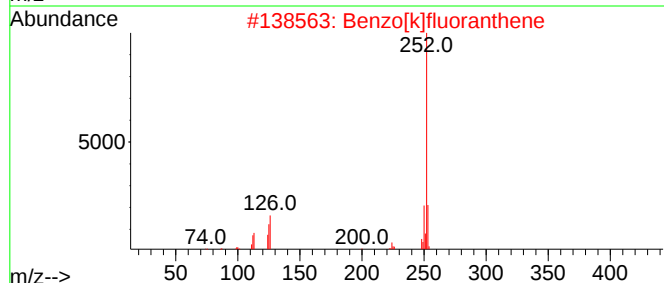
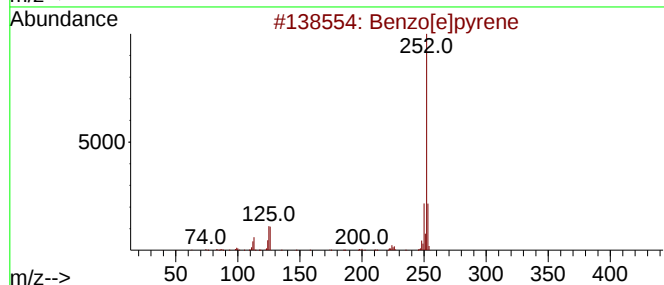
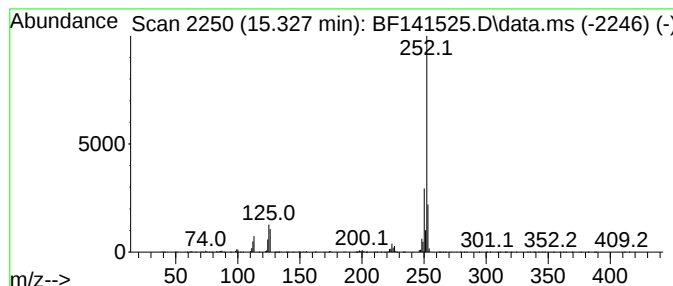
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	74.93 ng	809175	Perylene-d12	15.451

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			Perylene	252	C20H12	000198-55-0	95
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141525.D
Acq On : 07 Feb 2025 23:00
Operator : RC/JU
Sample : Q1241-15 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

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
Hexadecane	9.228	2.1	ng	76622	3	9.828	716900	20.0
Dodecane	10.257	4.5	ng	162774	3	9.828	716900	20.0
1-Isopropenylna...	10.439	2.1	ng	74219	3	9.828	716900	20.0
Benzophenone	10.539	6.2	ng	220919	3	9.828	716900	20.0
Phenanthrene, 2...	11.822	2.2	ng	327962	4	11.322	3015150	20.0
Phenanthrene, 1...	11.851	3.2	ng	488330	4	11.322	3015150	20.0
4H-Cyclopenta[d...	11.933	5.8	ng	875543	4	11.322	3015150	20.0
Naphthalene, 2-...	12.116	2.2	ng	325396	4	11.322	3015150	20.0
Pyrene, 1-methyl-	12.980	3.5	ng	438310	5	13.974	2520510	20.0
11H-Benzo[a]flu...	13.092	5.1	ng	647306	5	13.974	2520510	20.0
11H-Benzo[b]flu...	13.157	2.4	ng	305067	5	13.974	2520510	20.0
Pyrene, 4-methyl-	13.198	3.9	ng	490920	5	13.974	2520510	20.0
Pyrene, 2-methyl-	13.286	2.2	ng	279641	5	13.974	2520510	20.0
Heptadecane, 9-...	13.480	2.4	ng	296779	5	13.974	2520510	20.0
Benzo[b]naphtho...	13.716	2.0	ng	253989	5	13.974	2520510	20.0
Benzo[c]phenant...	14.080	2.5	ng	314625	5	13.974	2520510	20.0
Benzo[e]pyrene	15.133	20.1	ng	217292	6	15.451	215969	20.0
Perylene	15.327	74.9	ng	809175	6	15.451	215969	20.0