

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141433.D
 Acq On : 05 Feb 2025 02:07
 Operator : RC/JU
 Sample : Q1241-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-5.3-013025

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-BF012925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141433.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.187	175	186	214	rBV	40996	147733	7.48%	0.729%
2	4.987	483	492	504	rBV	47003	77477	3.92%	0.382%
3	5.410	559	564	592	rVB	1101235	1506223	76.22%	7.432%
4	6.434	732	738	759	rVB	1322471	1797061	90.94%	8.867%
5	6.793	793	799	804	rBV	388129	494663	25.03%	2.441%
6	7.351	888	894	899	rBV	906736	1168552	59.13%	5.766%
7	7.610	931	938	948	rBV	22934	30785	1.56%	0.152%
8	8.075	1010	1017	1033	rBV	513080	686308	34.73%	3.387%
9	9.151	1194	1200	1205	rBV	1555466	1976085	100.00%	9.751%
10	9.486	1249	1257	1260	rBV2	14717	30327	1.53%	0.150%
11	9.828	1308	1315	1319	rBV	587769	749263	37.92%	3.697%
12	9.857	1319	1320	1325	rVB	53090	51568	2.61%	0.254%
13	10.034	1345	1350	1354	rBV	29553	39776	2.01%	0.196%
14	10.257	1386	1388	1392	rVB	24690	29437	1.49%	0.145%
15	10.375	1404	1408	1413	rVB	39927	49083	2.48%	0.242%
16	10.539	1431	1436	1441	rVB	167964	215732	10.92%	1.065%
17	10.616	1444	1449	1455	rBV	670007	872057	44.13%	4.303%
18	10.698	1460	1463	1466	rVV2	25071	32996	1.67%	0.163%
19	10.739	1466	1470	1477	rVB2	37412	64477	3.26%	0.318%
20	10.922	1497	1501	1504	rBV3	15513	24250	1.23%	0.120%
21	11.057	1519	1524	1525	rBV3	13960	21803	1.10%	0.108%
22	11.122	1531	1535	1539	rVB2	21359	26712	1.35%	0.132%
23	11.180	1539	1545	1548	rBV4	33090	65454	3.31%	0.323%
24	11.210	1548	1550	1557	rVB	35090	47165	2.39%	0.233%
25	11.316	1563	1568	1570	rBV	506149	669627	33.89%	3.304%
26	11.339	1570	1572	1576	rVV	448032	502008	25.40%	2.477%
27	11.392	1576	1581	1584	rVV	130329	176358	8.92%	0.870%
28	11.428	1584	1587	1591	rVB2	14966	19972	1.01%	0.099%
29	11.551	1604	1608	1615	rBV2	25767	63333	3.20%	0.313%
30	11.610	1615	1618	1622	rVV	31371	38925	1.97%	0.192%
31	11.816	1649	1653	1655	rBV	55799	73396	3.71%	0.362%
32	11.851	1655	1659	1663	rVV	260050	376573	19.06%	1.858%
33	11.892	1663	1666	1669	rVV2	53543	82006	4.15%	0.405%
34	11.933	1669	1673	1681	rVB	132345	245902	12.44%	1.213%
35	12.110	1698	1703	1707	rBV2	58373	114505	5.79%	0.565%
36	12.369	1744	1747	1750	rBV	41836	54989	2.78%	0.271%

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37	12.410	1751	1754	1758	rVV3	43664	64880	3.28%	0.320%
38	12.457	1758	1762	1767	rVB2	61984	86737	4.39%	0.428%
39	12.533	1770	1775	1780	rBV	908485	1142865	57.83%	5.639%
40	12.633	1789	1792	1796	rBV	40962	70774	3.58%	0.349%
41	12.763	1807	1814	1820	rBV	940780	1416136	71.66%	6.988%
42	12.904	1831	1838	1845	rVB	1148583	1544577	78.16%	7.622%
43	13.086	1867	1869	1873	rVB	110697	123991	6.27%	0.612%
44	13.157	1878	1881	1884	rVV	52090	62317	3.15%	0.307%
45	13.192	1884	1887	1891	rVV	71099	94185	4.77%	0.465%
46	13.957	2011	2017	2020	rBV3	683802	1215117	61.49%	5.996%
47	14.998	2190	2194	2203	rVB	374674	791284	40.04%	3.905%
48	15.298	2241	2245	2250	rVB	192683	314234	15.90%	1.551%
49	15.357	2251	2255	2261	rVB	288501	414430	20.97%	2.045%
50	15.421	2262	2266	2269	rBV	193043	301838	15.27%	1.489%

Sum of corrected areas: 20265946

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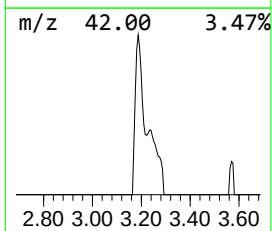
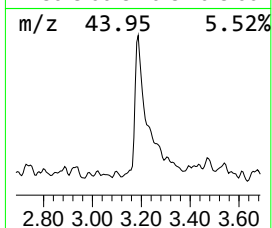
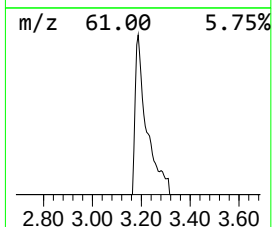
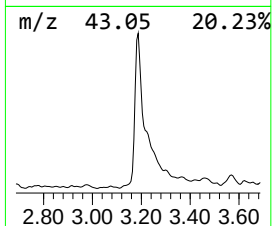
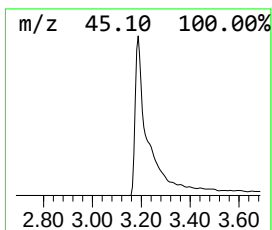
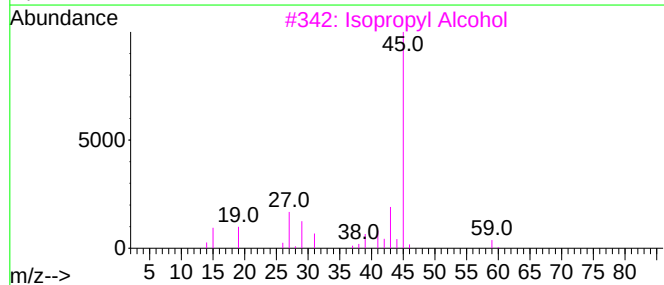
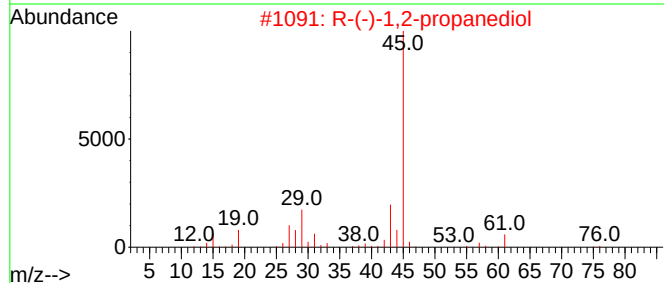
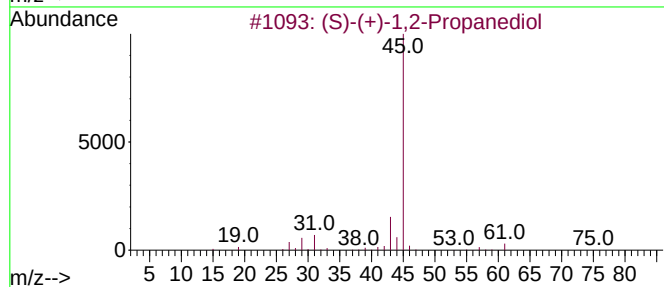
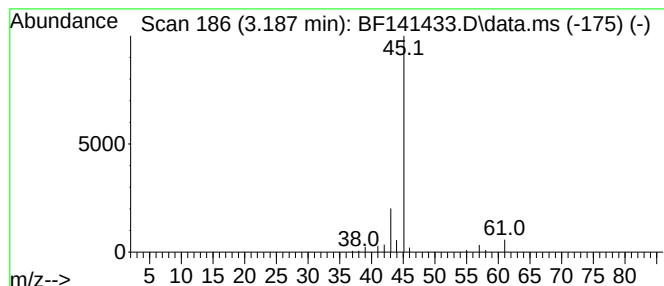
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 (S)-(+)-1,2-Propanediol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.187	5.97 ng	147733	1,4-Dichlorobenzene-d4	6.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol			76	C3H8O2	004254-15-3	64
2	R-(-)-1,2-propanediol			76	C3H8O2	004254-14-2	64
3	Isopropyl Alcohol			60	C3H8O	000067-63-0	9
4	Propylene Glycol			76	C3H8O2	000057-55-6	9
5	Formamide			45	CH3NO	000075-12-7	5



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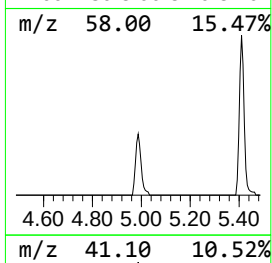
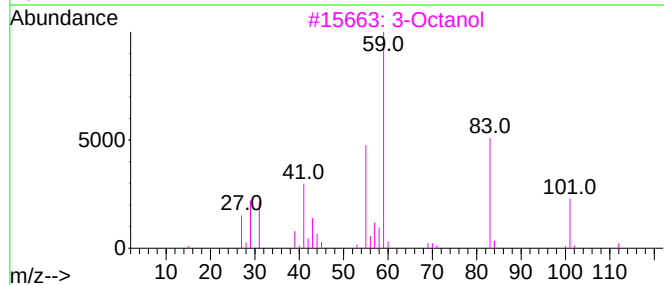
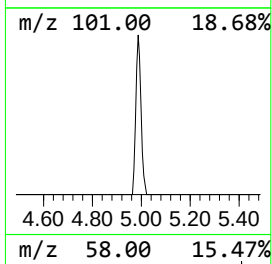
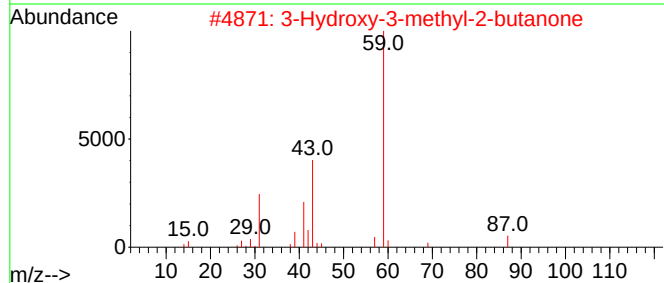
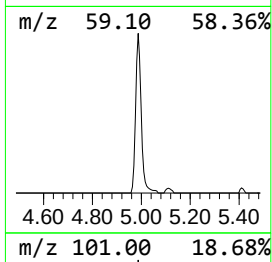
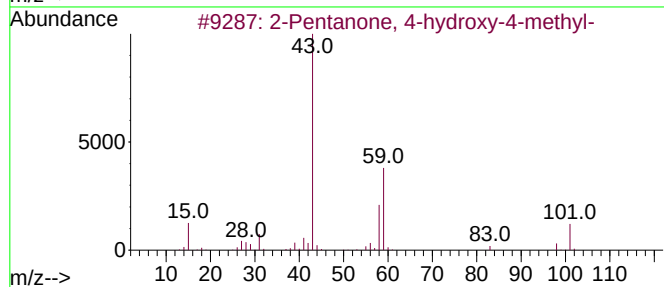
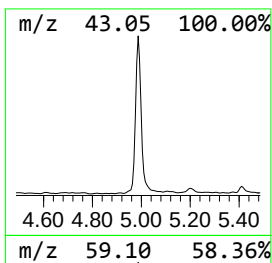
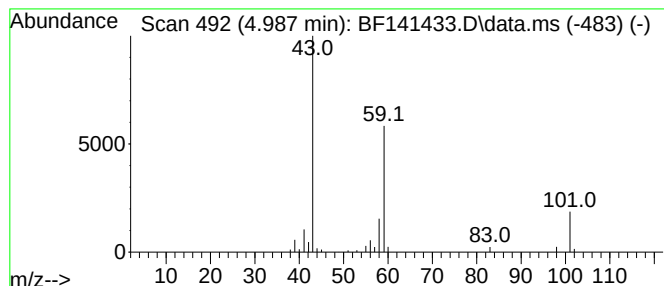
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.987	3.13 ng	77477	1,4-Dichlorobenzene-d4	6.793

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	38
3		3-Octanol	130	C8H18O	000589-98-0	36
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	23



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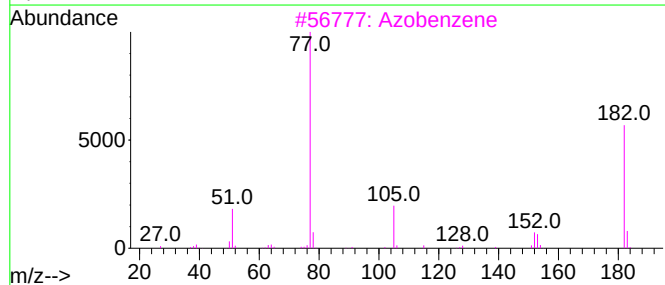
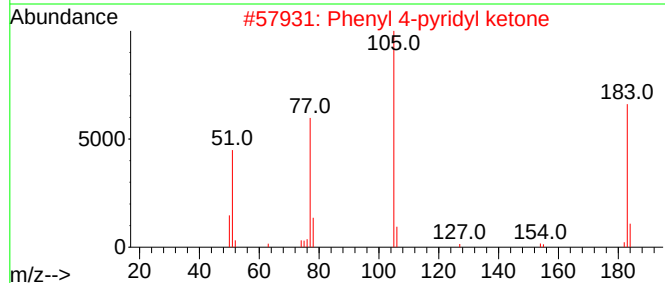
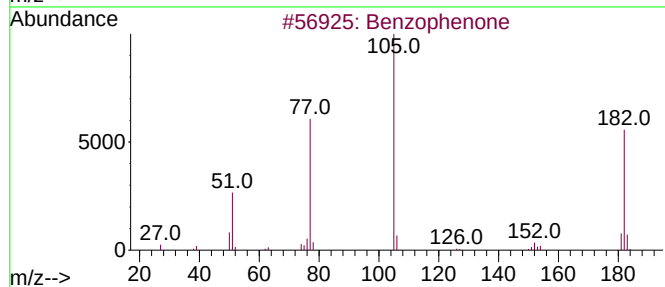
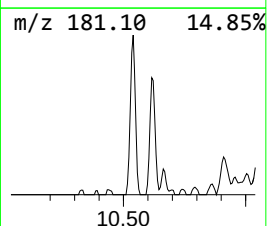
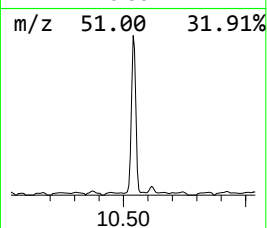
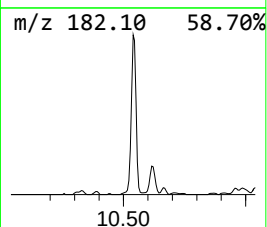
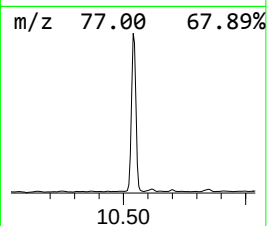
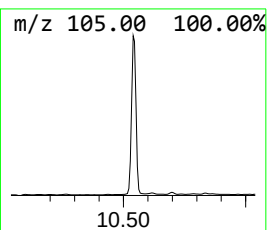
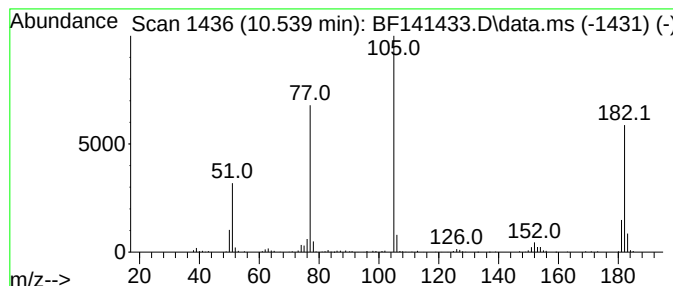
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	5.76 ng	215732	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	64
3			Azobenzene	182	C12H10N2	000103-33-3	52
4			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
5			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	49



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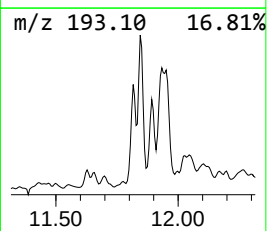
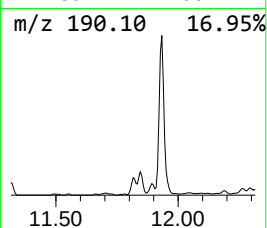
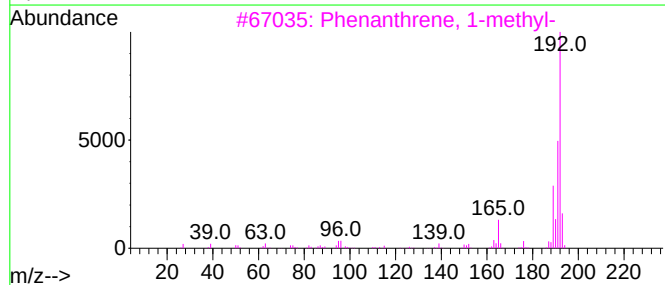
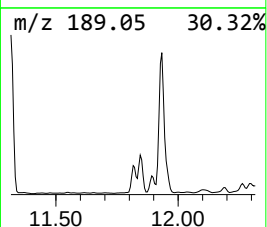
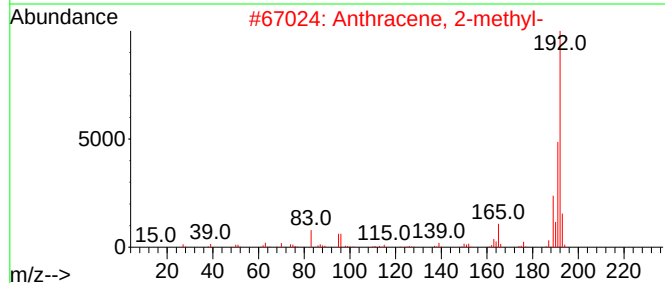
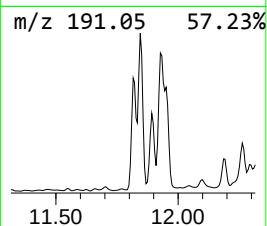
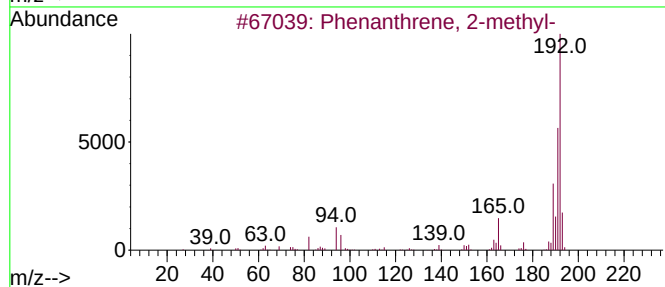
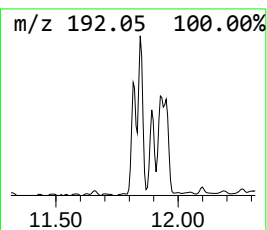
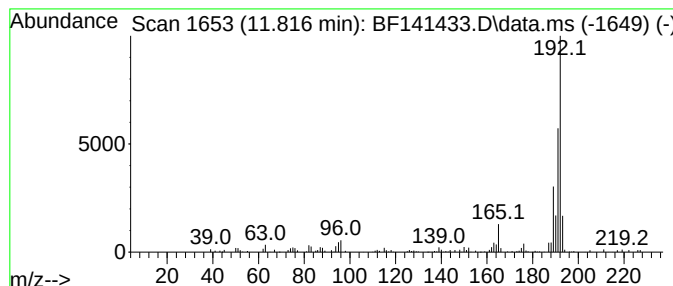
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	2.19 ng	73396	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



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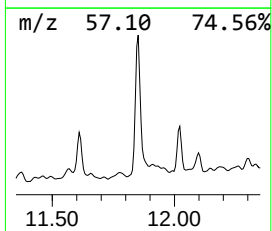
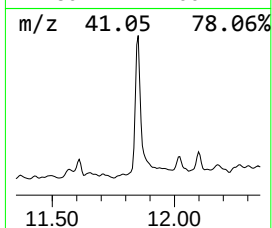
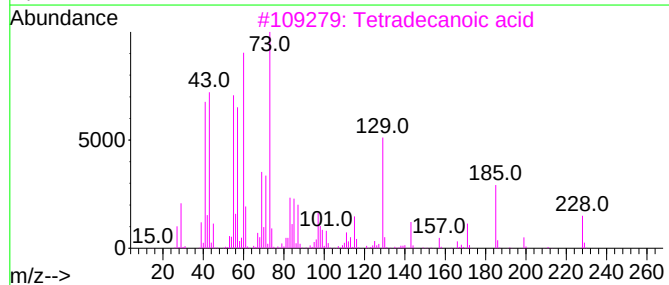
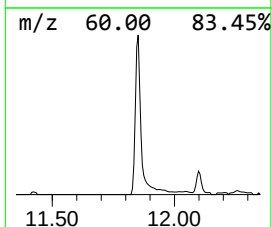
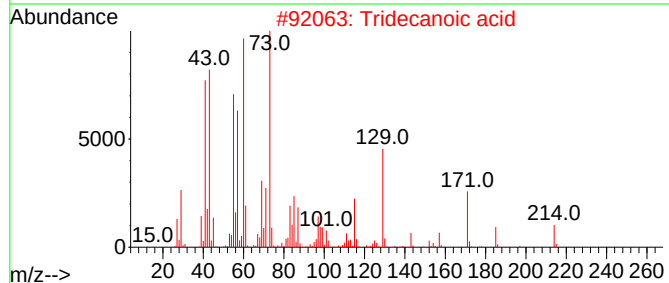
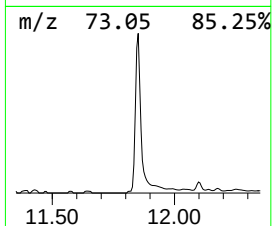
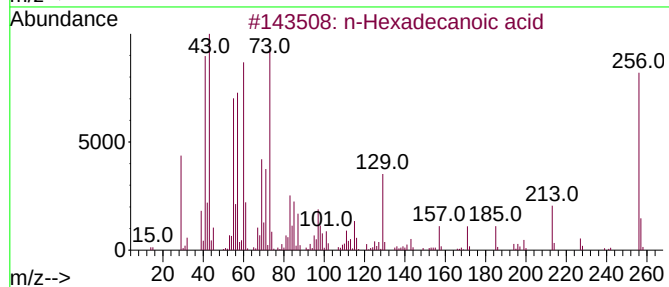
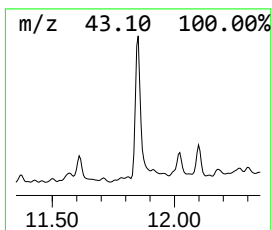
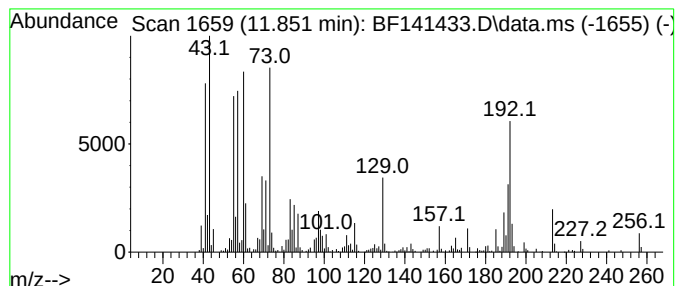
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	11.25 ng	376573	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	92
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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Data File : BF141433.D
Acq On : 05 Feb 2025 02:07
Operator : RC/JU
Sample : Q1241-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JPP-5.3-013025

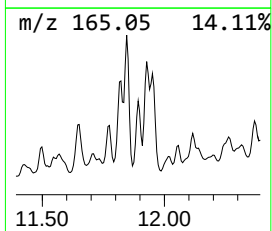
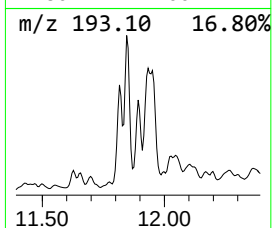
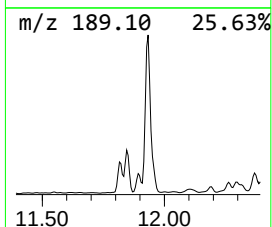
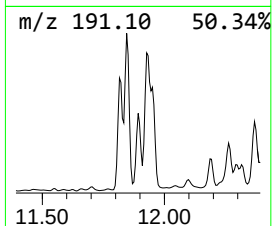
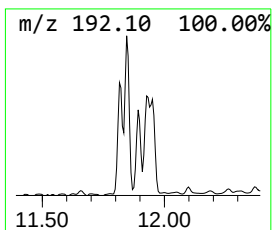
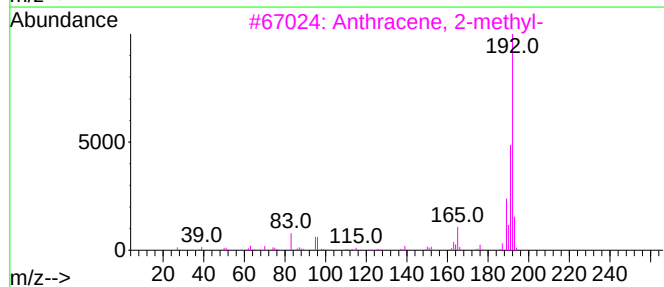
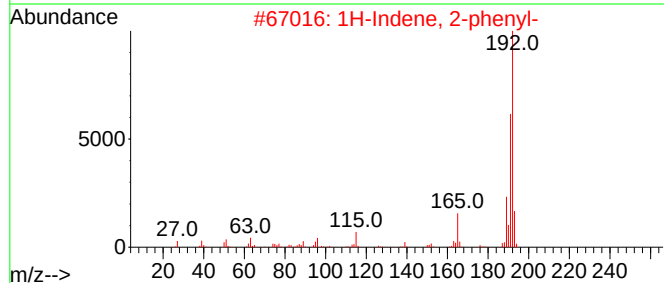
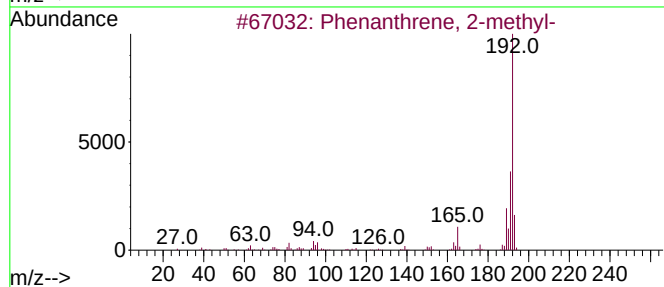
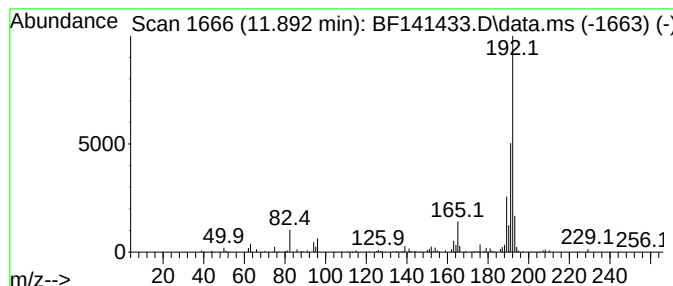
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1H-Indene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	2.45 ng	82006	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141433.D
Acq On : 05 Feb 2025 02:07
Operator : RC/JU
Sample : Q1241-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

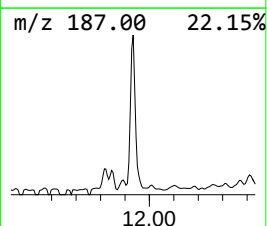
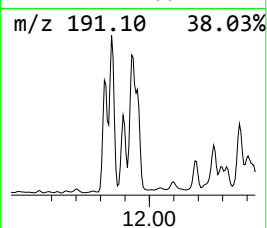
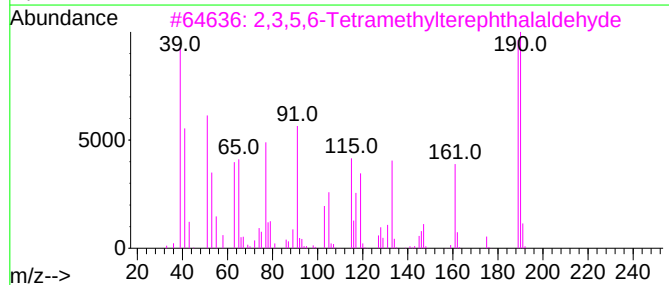
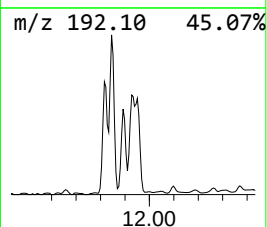
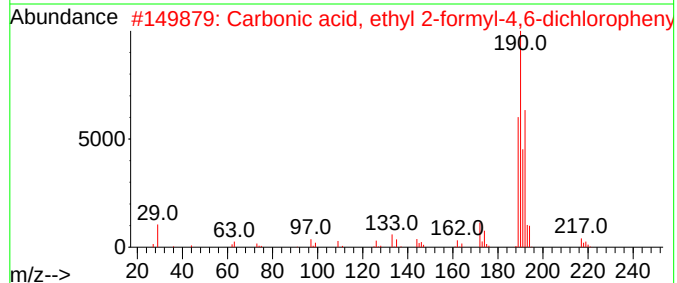
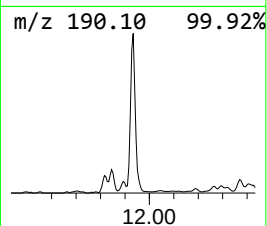
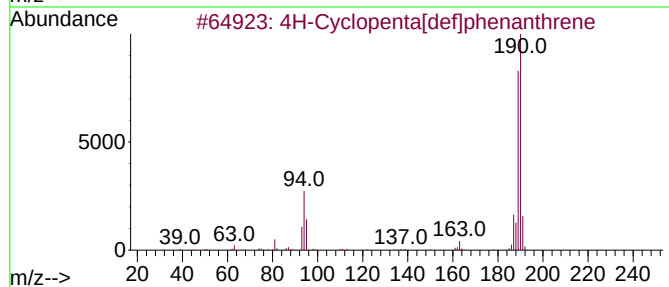
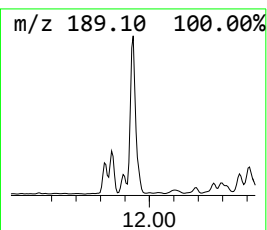
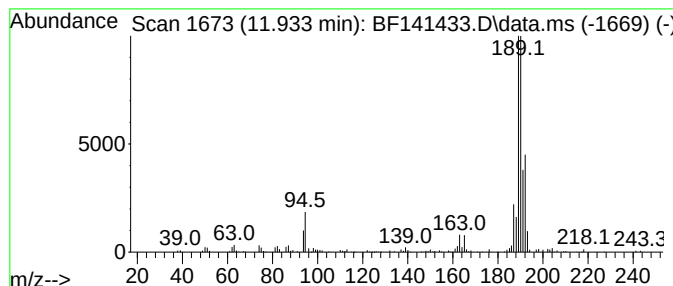
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.933	7.34 ng	245902	Phenanthrene-d10	11.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141433.D
Acq On : 05 Feb 2025 02:07
Operator : RC/JU
Sample : Q1241-07
Misc :
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Instrument :
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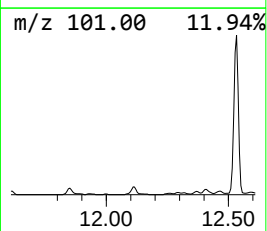
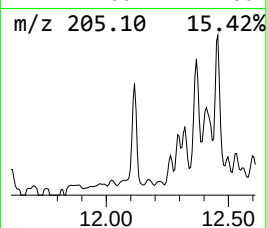
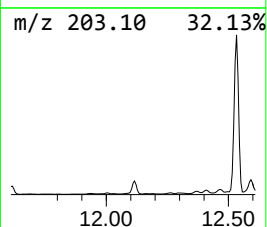
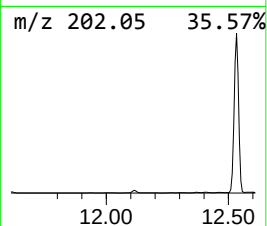
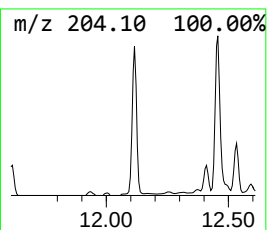
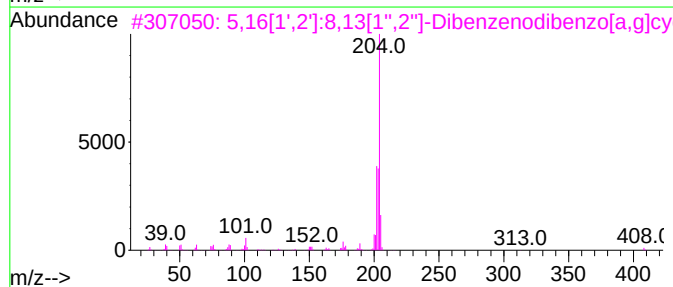
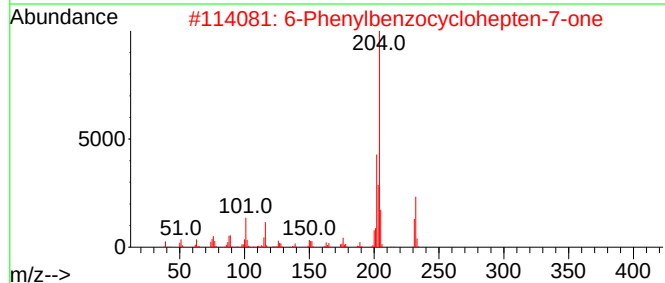
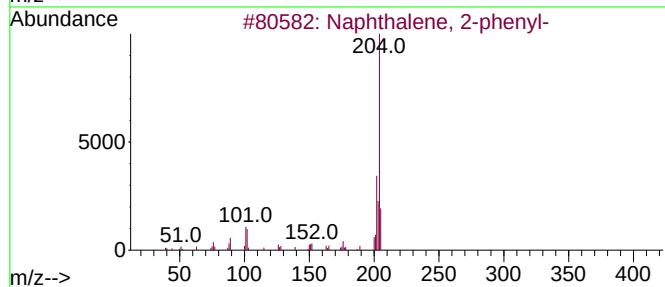
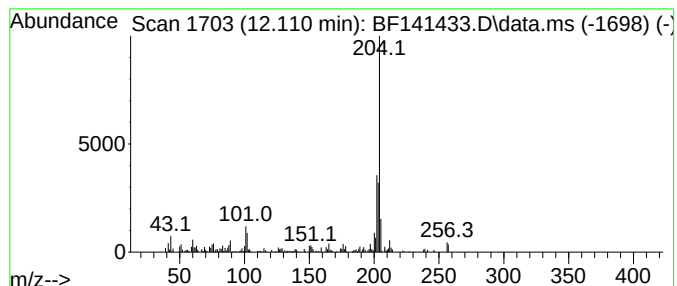
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	3.42 ng	114505	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	80
3			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
5			Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141433.D
Acq On : 05 Feb 2025 02:07
Operator : RC/JU
Sample : Q1241-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

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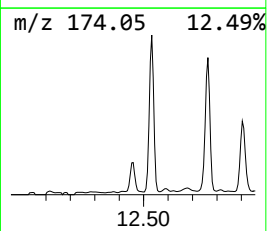
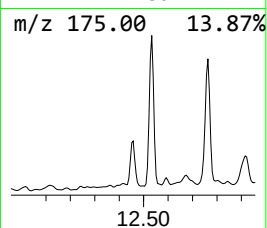
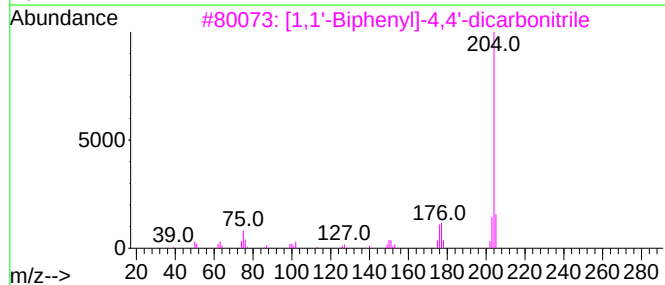
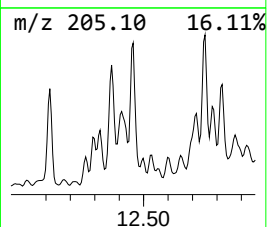
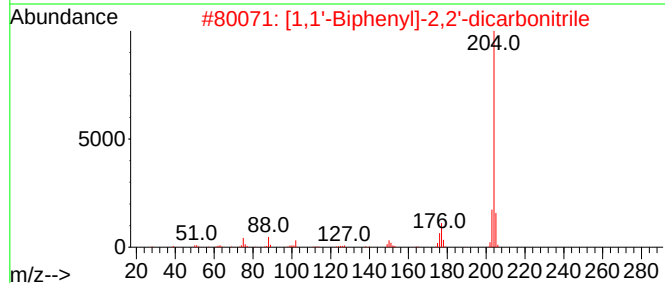
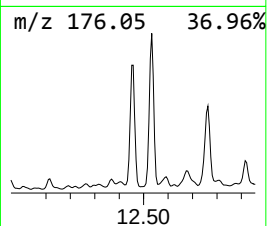
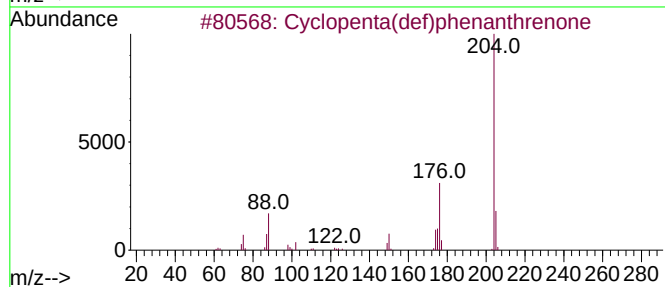
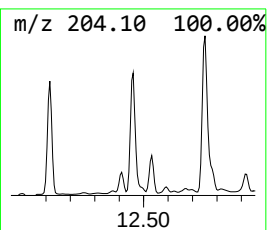
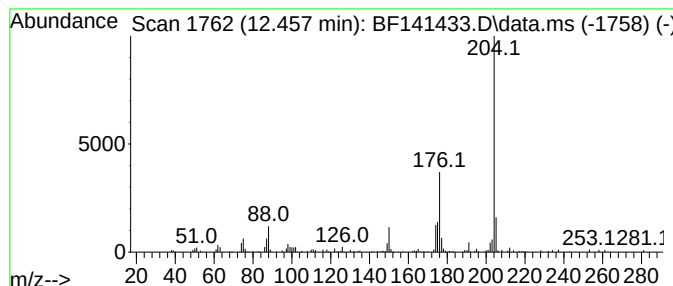
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	2.59 ng	86737	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
3			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4			5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
5			9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
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Misc :
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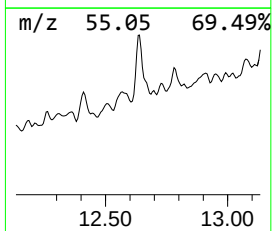
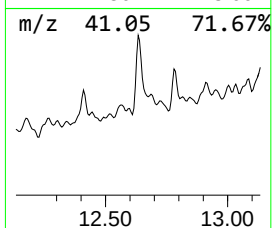
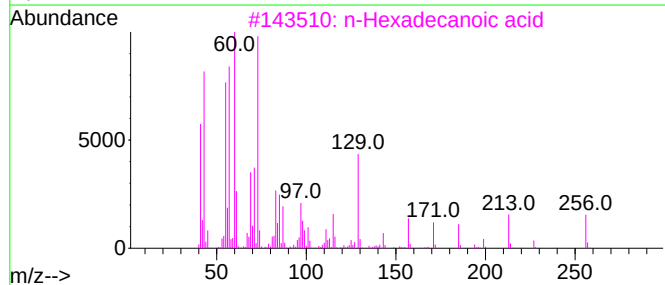
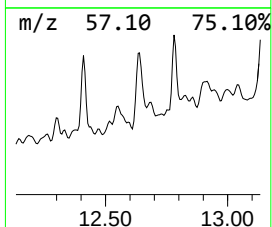
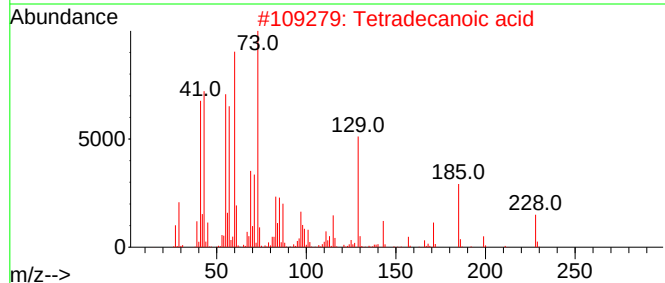
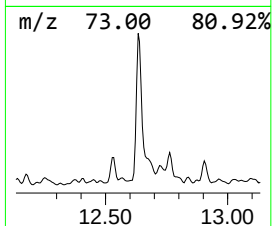
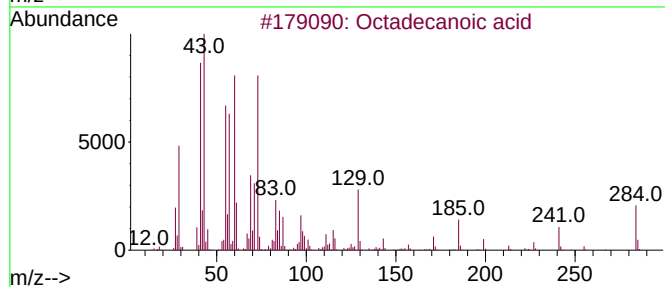
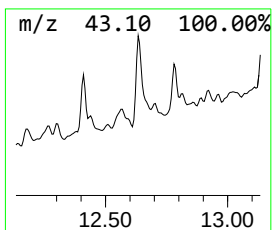
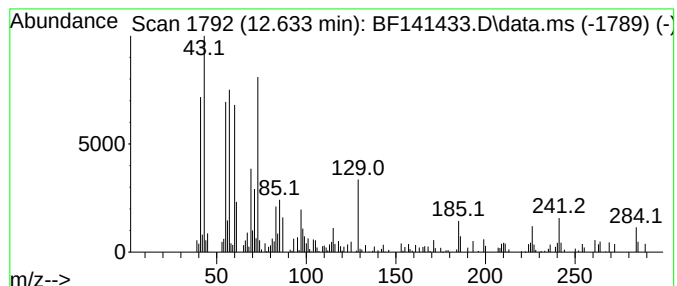
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.633	2.11 ng	70774	Phenanthrene-d10		11.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	98
2	Tetradecanoic acid		228	C14H28O2	000544-63-8	86
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	83
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	83
5	Tridecanoic acid		214	C13H26O2	000638-53-9	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141433.D
Acq On : 05 Feb 2025 02:07
Operator : RC/JU
Sample : Q1241-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

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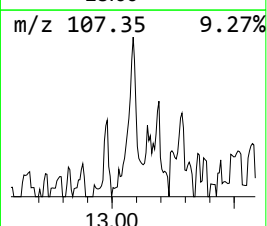
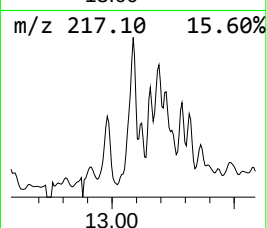
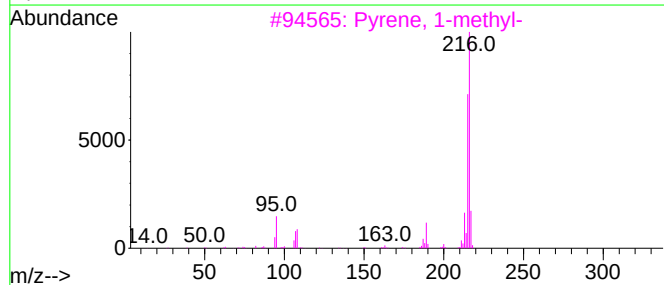
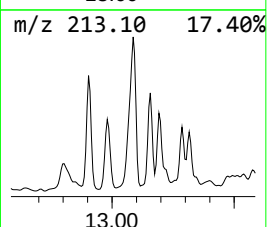
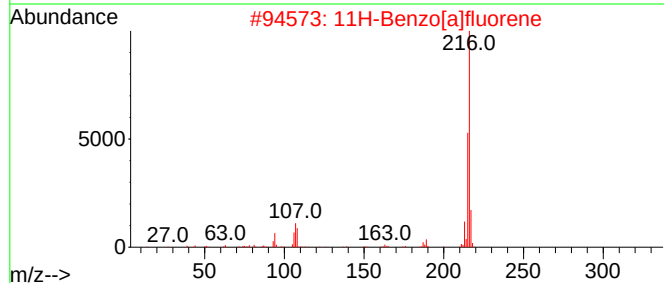
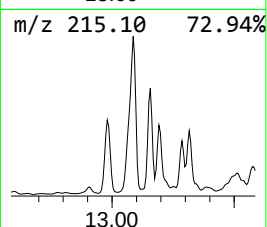
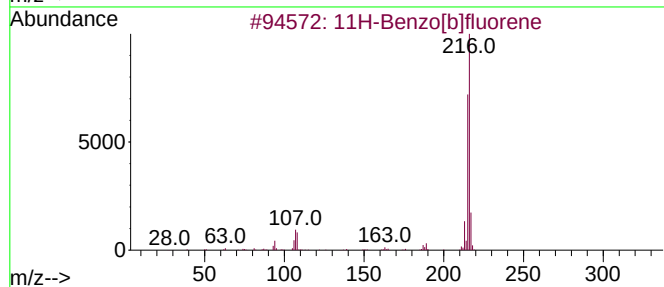
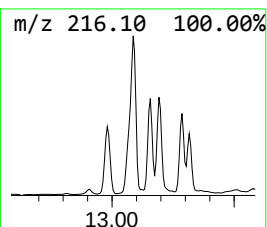
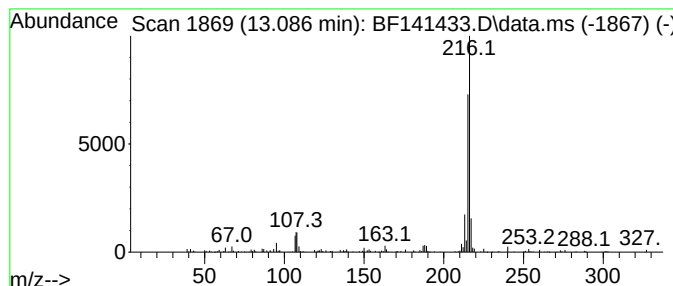
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	2.04 ng	123991	Chrysene-d12	13.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141433.D
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Operator : RC/JU
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Misc :
ALS Vial : 25 Sample Multiplier: 1

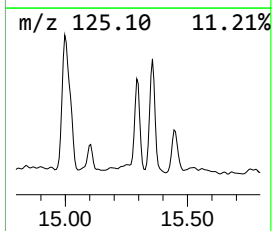
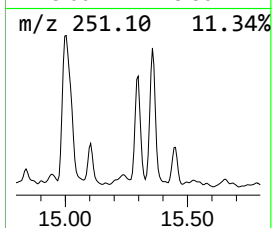
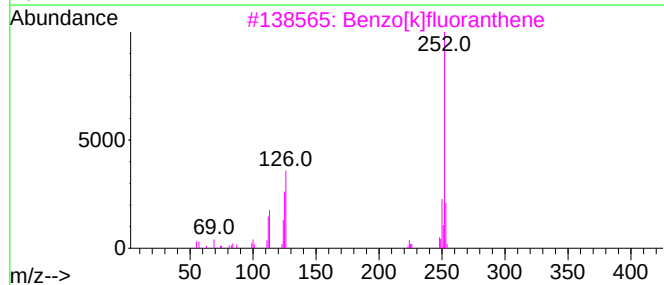
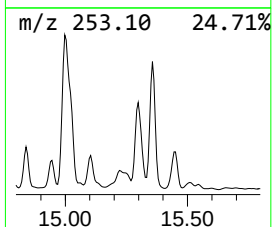
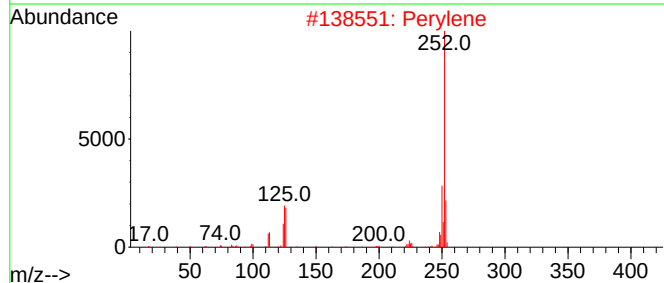
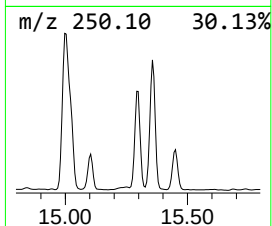
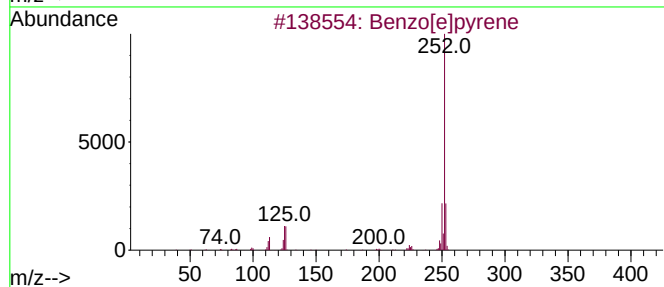
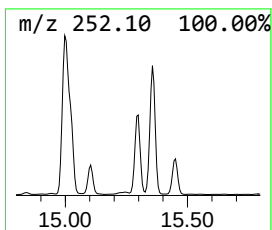
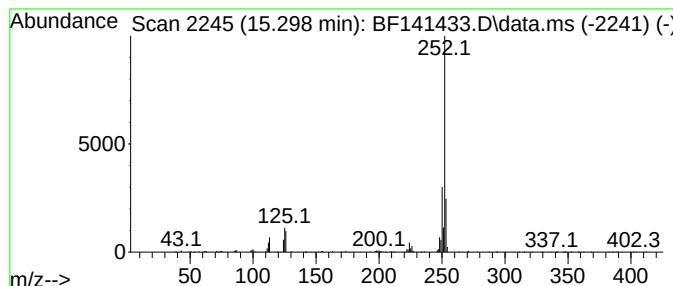
Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

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

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.298	20.82 ng	314234	Perylene-d12	15.416	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141433.D
Acq On : 05 Feb 2025 02:07
Operator : RC/JU
Sample : Q1241-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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
(S)-(+)-1,2-Pro...	3.187	6.0	ng	147733	1	6.793	494663	20.0
2-Pentanone, 4-...	4.987	3.1	ng	77477	1	6.793	494663	20.0
Benzophenone	10.539	5.8	ng	215732	3	9.828	749263	20.0
Phenanthrene, 2...	11.816	2.2	ng	73396	4	11.316	669627	20.0
n-Hexadecanoic ...	11.851	11.3	ng	376573	4	11.316	669627	20.0
1H-Indene, 2-ph...	11.892	2.5	ng	82006	4	11.316	669627	20.0
4H-Cyclopenta[d...	11.933	7.3	ng	245902	4	11.316	669627	20.0
Naphthalene, 2-...	12.110	3.4	ng	114505	4	11.316	669627	20.0
Cyclopenta(def)...	12.457	2.6	ng	86737	4	11.316	669627	20.0
Octadecanoic acid	12.633	2.1	ng	70774	4	11.316	669627	20.0
11H-Benzo[b]flu...	13.086	2.0	ng	123991	5	13.963	1215120	20.0
Benzo[e]pyrene	15.298	20.8	ng	314234	6	15.416	301838	20.0