

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
 Data File : BF138081.D
 Acq On : 30 May 2024 17:51
 Operator : CG\JU
 Sample : P2654-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-052924

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-BF051424.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138081.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.157	5	12	18	rVB2	22297	49521	2.86%	0.318%
2	2.375	40	49	59	rBV	771957	1076965	62.24%	6.912%
3	3.298	198	206	214	rBV	283985	479274	27.70%	3.076%
4	5.663	604	608	625	rBV	1565766	1439706	83.21%	9.240%
5	6.657	773	777	793	rBV	1428392	1333185	77.05%	8.556%
6	7.034	838	841	845	rVB	713105	544213	31.45%	3.493%
7	7.592	932	936	940	rBV	957050	915585	52.92%	5.876%
8	7.833	973	977	984	rBV	53985	45026	2.60%	0.289%
9	8.316	1056	1059	1065	rBV	889839	701790	40.56%	4.504%
10	8.869	1147	1153	1161	rBV6	11386	25646	1.48%	0.165%
11	9.392	1238	1242	1245	rBV	2251095	1730207	100.00%	11.104%
12	9.939	1332	1335	1341	rBV	27577	28589	1.65%	0.183%
13	10.080	1355	1359	1362	rBV	882545	693412	40.08%	4.450%
14	10.110	1362	1364	1369	rVB	37788	36113	2.09%	0.232%
15	10.169	1369	1374	1381	rBV4	43691	86888	5.02%	0.558%
16	10.486	1422	1428	1433	rVB6	17648	27095	1.57%	0.174%
17	10.627	1449	1452	1458	rBV	37599	41639	2.41%	0.267%
18	10.874	1490	1494	1506	rBV	897312	839596	48.53%	5.388%
19	10.980	1508	1512	1519	rVB5	21295	39895	2.31%	0.256%
20	11.380	1575	1580	1583	rVB2	18491	26883	1.55%	0.173%
21	11.474	1593	1596	1599	rVB	28123	26871	1.55%	0.172%
22	11.574	1610	1613	1615	rBV	646927	543211	31.40%	3.486%
23	11.598	1615	1617	1621	rVV	337658	291097	16.82%	1.868%
24	11.651	1623	1626	1629	rVV	61158	47689	2.76%	0.306%
25	11.810	1649	1653	1657	rBV2	24651	37678	2.18%	0.242%
26	11.910	1667	1670	1673	rVB	29601	26443	1.53%	0.170%
27	11.945	1673	1676	1680	rVV2	31798	30079	1.74%	0.193%
28	11.992	1681	1684	1688	rVB	19593	22794	1.32%	0.146%
29	12.080	1695	1699	1701	rBV	70531	76395	4.42%	0.490%
30	12.104	1701	1703	1707	rVB	78514	75093	4.34%	0.482%
31	12.192	1714	1718	1720	rBV2	102160	117249	6.78%	0.752%
32	12.216	1720	1722	1725	rVB	55988	44676	2.58%	0.287%
33	12.374	1746	1749	1751	rBV	41733	40897	2.36%	0.262%
34	12.404	1751	1754	1760	rVB2	44030	51036	2.95%	0.328%
35	12.551	1777	1779	1782	rBV	42659	43101	2.49%	0.277%
36	12.627	1789	1792	1795	rBV	83212	98172	5.67%	0.630%

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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-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.657	1795	1797	1801	rVV4	44566	57957	3.35%	0.372%
38	12.721	1804	1808	1810	rBV2	50455	66761	3.86%	0.428%
39	12.798	1817	1821	1824	rBV	419438	390219	22.55%	2.504%
40	12.833	1825	1827	1829	rBV	31230	25763	1.49%	0.165%
41	12.951	1844	1847	1849	rBV	43474	44024	2.54%	0.283%
42	13.027	1857	1860	1866	rVB	458314	406931	23.52%	2.612%
43	13.074	1866	1868	1872	rVB	41709	43137	2.49%	0.277%
44	13.163	1879	1883	1886	rBV	1579561	1240891	71.72%	7.964%
45	13.239	1893	1896	1903	rBV5	41529	69605	4.02%	0.447%
46	13.351	1909	1915	1918	rBV	90916	138839	8.02%	0.891%
47	13.421	1924	1927	1929	rBV2	47709	39942	2.31%	0.256%
48	13.463	1931	1934	1936	rBV2	63160	60359	3.49%	0.387%
49	13.557	1947	1950	1952	rBV	54067	52778	3.05%	0.339%
50	13.586	1952	1955	1957	rVV	57482	53489	3.09%	0.343%
51	14.227	2060	2064	2067	rBV2	527939	653615	37.78%	4.195%
52	14.257	2067	2069	2074	rVB	159488	148054	8.56%	0.950%
53	15.804	2328	2332	2336	rVB	266123	355551	20.55%	2.282%

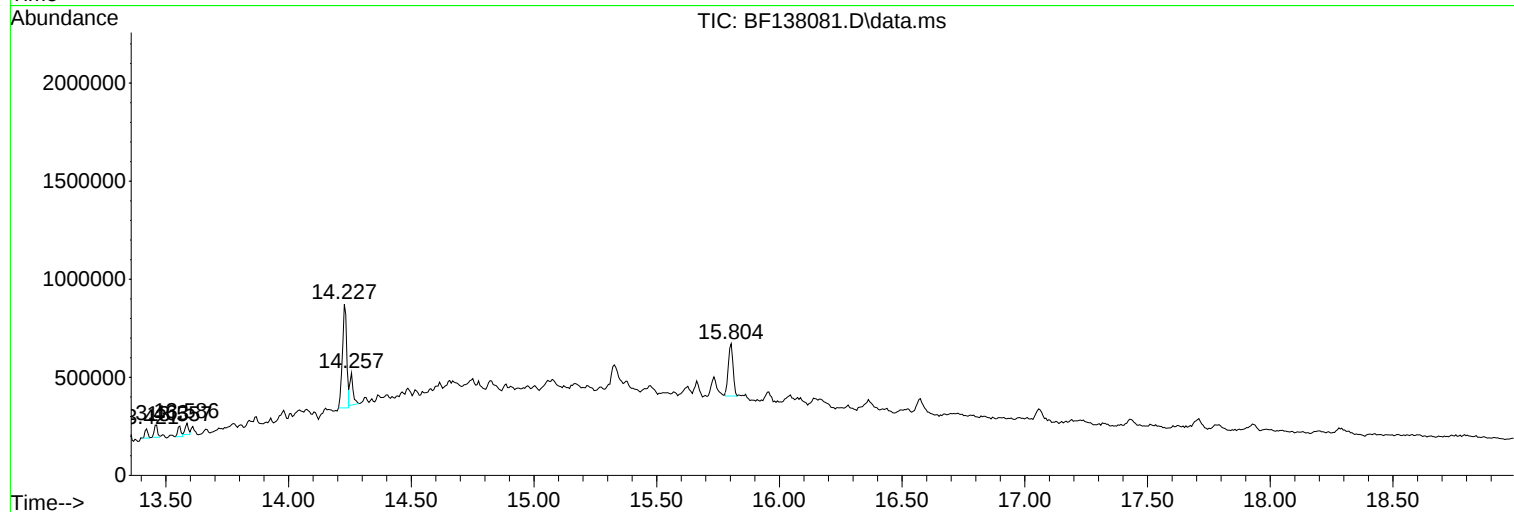
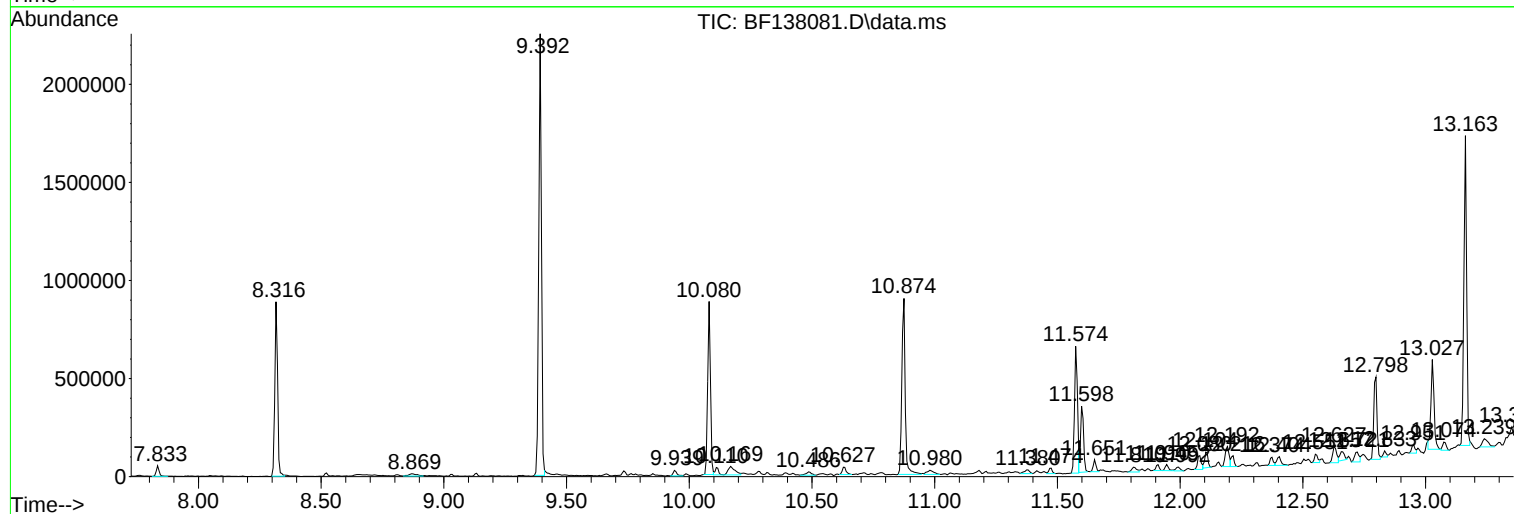
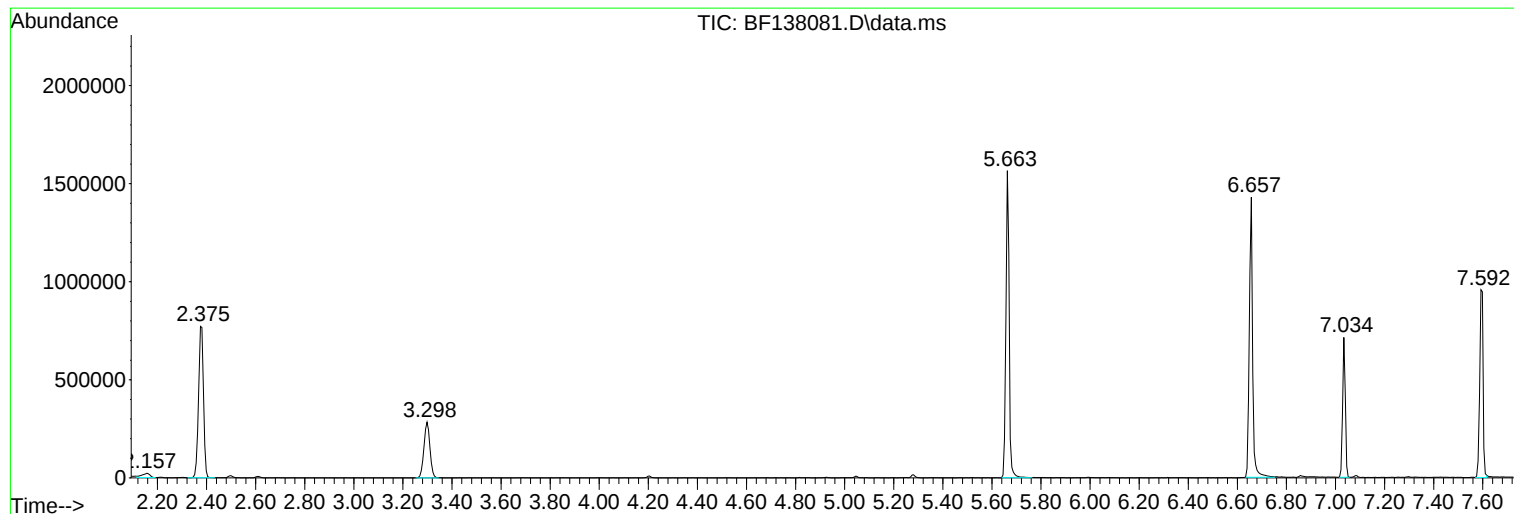
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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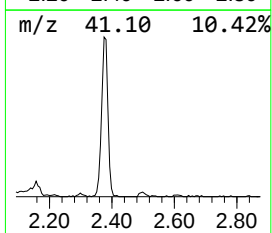
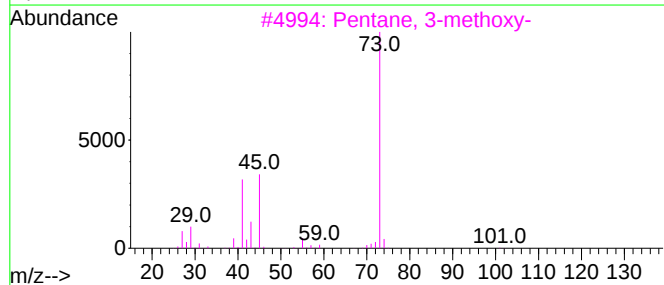
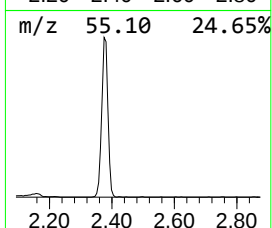
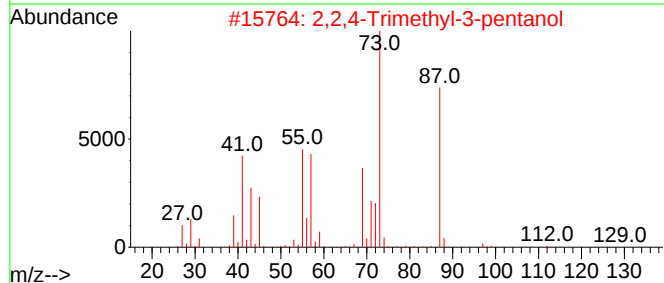
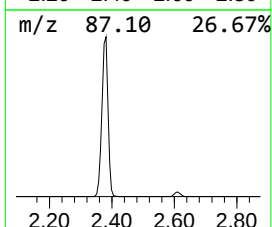
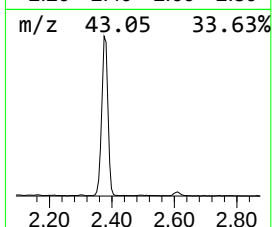
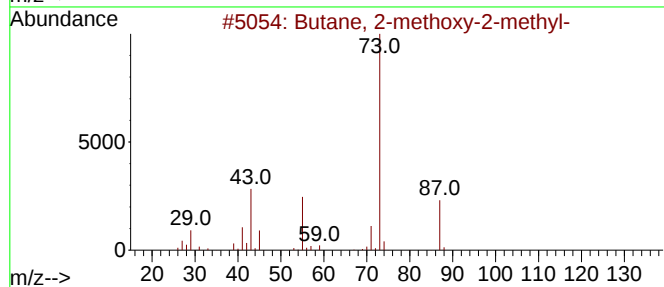
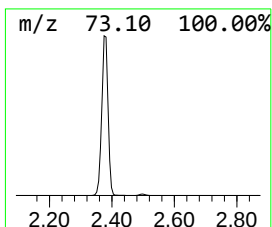
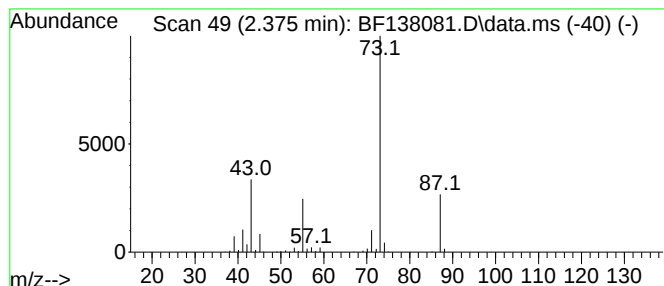
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.375	39.58 ng	1076970	1,4-Dichlorobenzene-d4	7.034

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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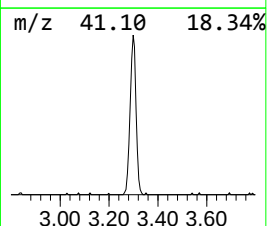
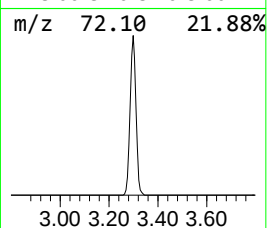
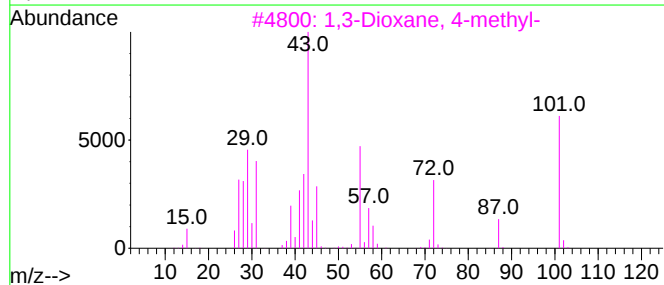
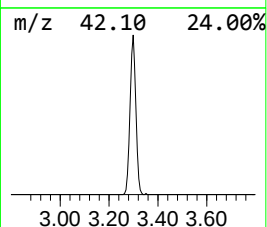
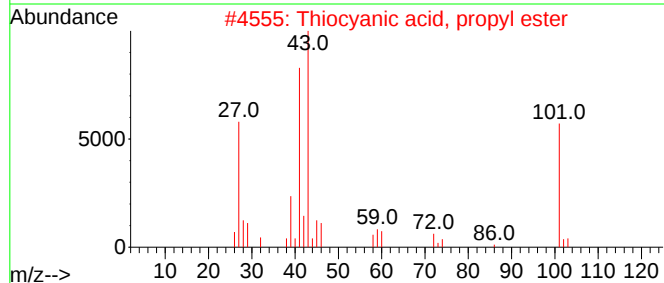
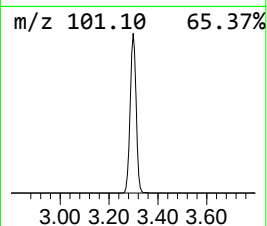
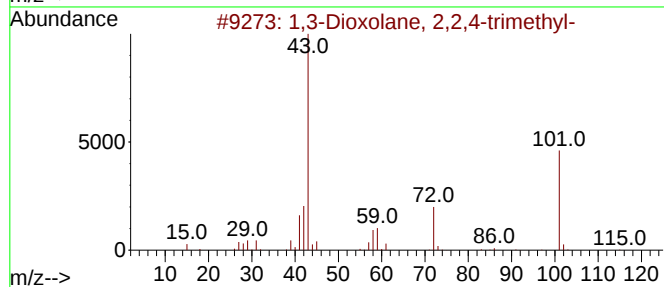
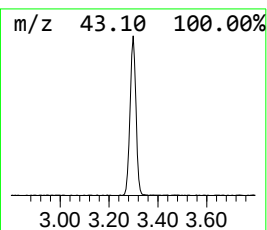
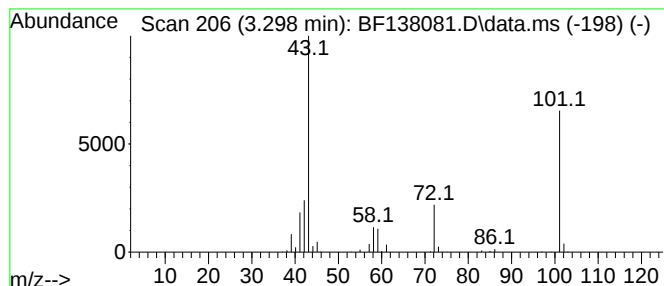
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 1,3-Dioxolane, 2,2,4-trimet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.298	17.61 ng	479274	1,4-Dichlorobenzene-d4	7.034

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	90
2		Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	53
3		1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	50
4		Isopropyl isothiocyanate	101	C4H7NS	002253-73-8	50
5		Propane, 1-isothiocyanato-	101	C4H7NS	000628-30-8	28



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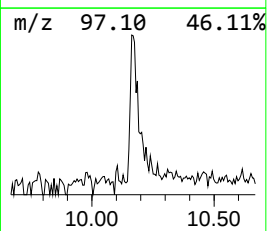
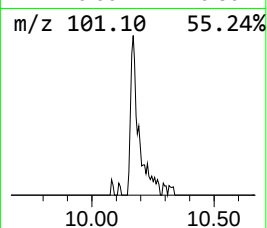
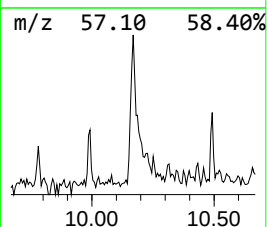
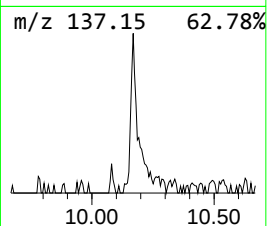
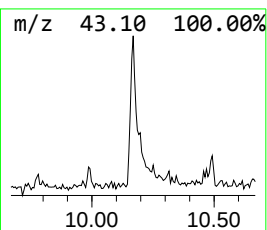
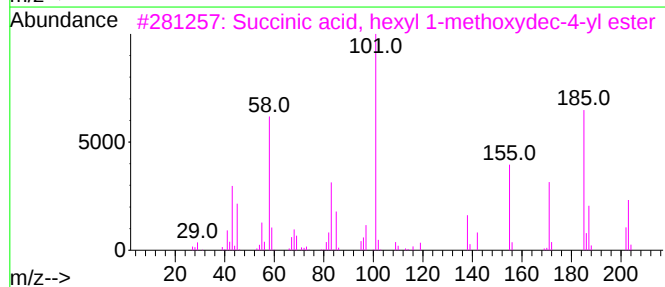
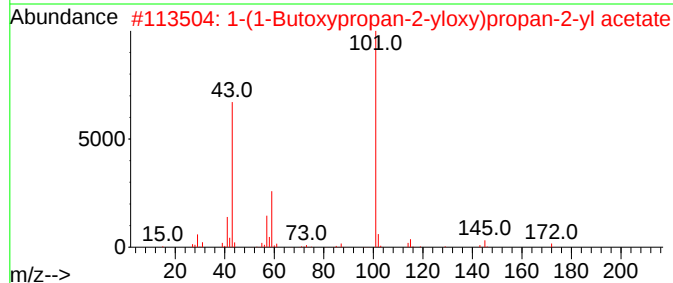
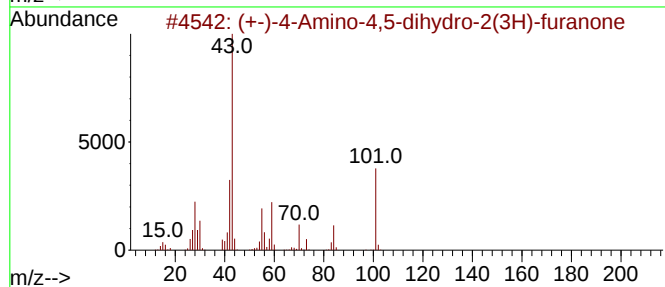
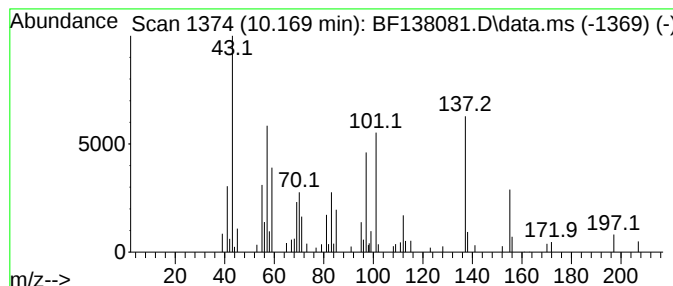
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown10.169 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.169	2.51 ng	86888	Acenaphthene-d10	10.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	22		
2	1-(1-Butoxypropan-2-yloxy)propan...	232	C12H24O4	1000367-08-4	22		
3	Succinic acid, hexyl 1-methoxyde...	372	C21H40O5	1000330-13-8	16		
4	Anthralic acid, 6-fluoro-	155	C7H6FN02	000434-76-4	14		
5	Succinic acid, 1-methoxydec-4-yl...	358	C20H38O5	1000330-13-6	12		



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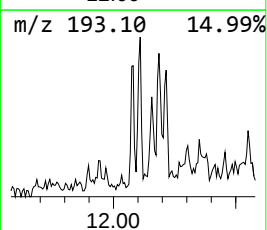
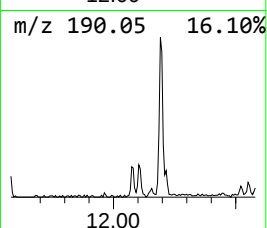
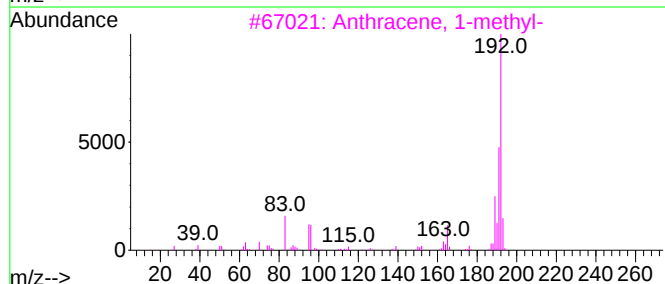
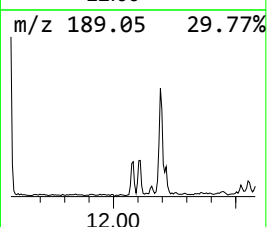
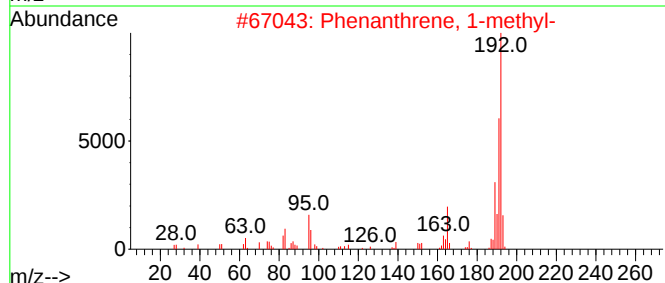
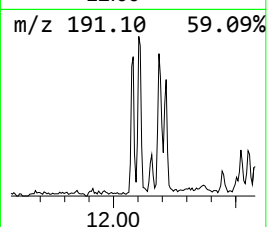
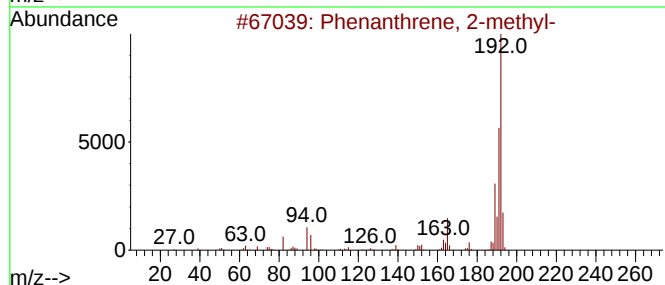
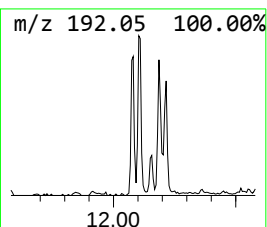
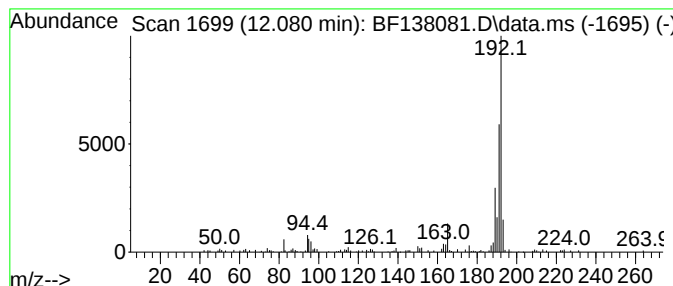
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	2.81 ng	76395	Phenanthrene-d10	11.574

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	94
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



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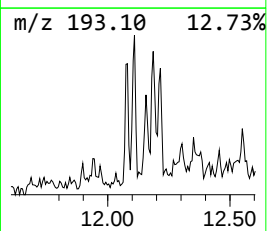
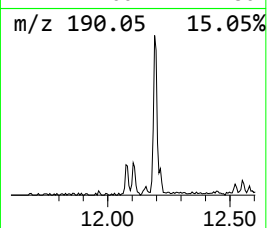
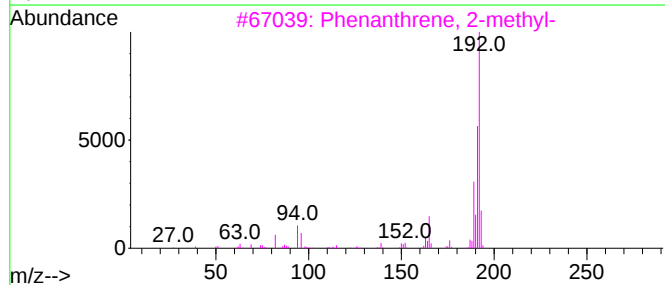
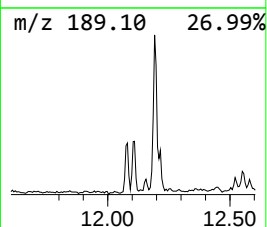
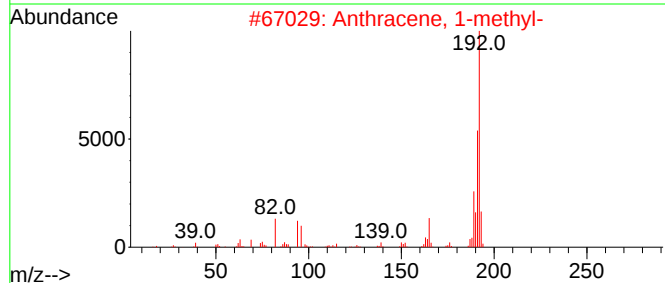
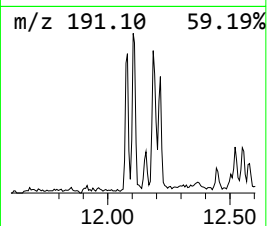
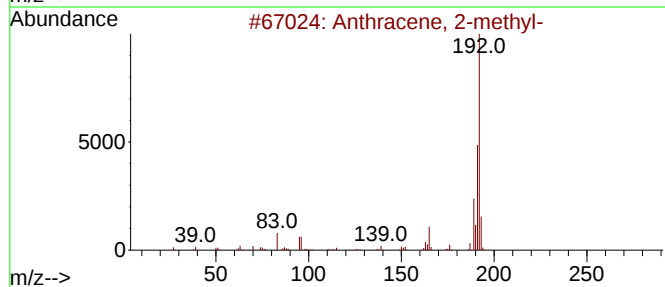
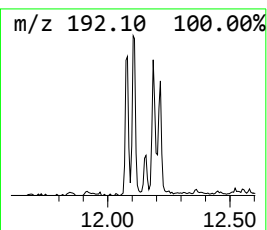
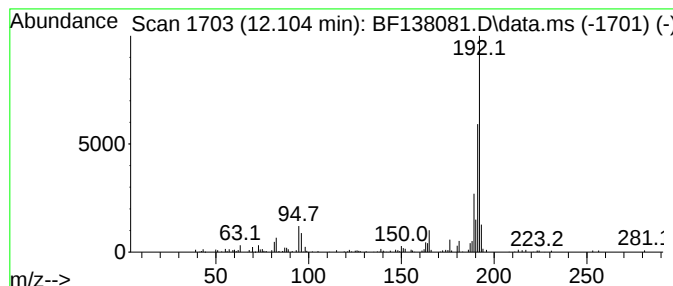
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	2.76 ng	75093	Phenanthrene-d10	11.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138081.D
Acq On : 30 May 2024 17:51
Operator : CG\JU
Sample : P2654-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-052924

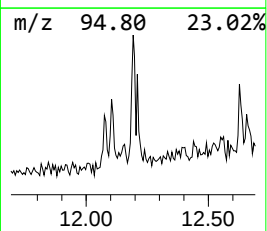
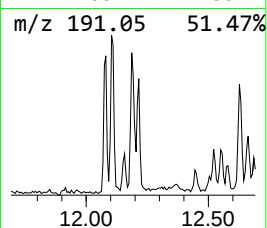
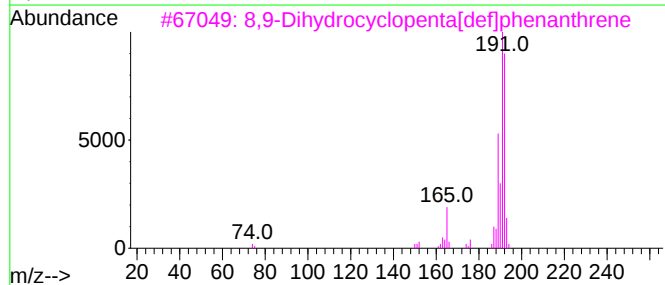
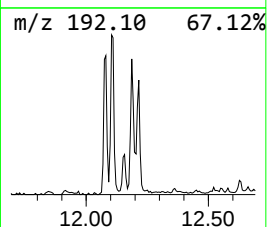
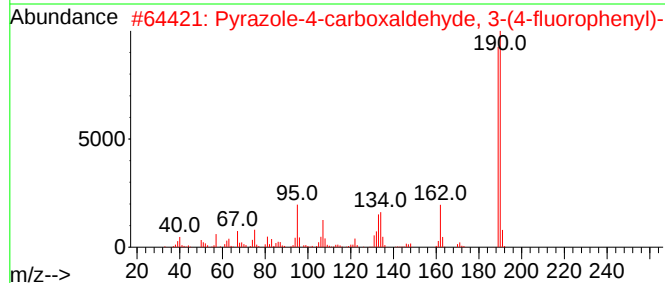
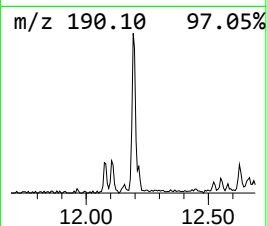
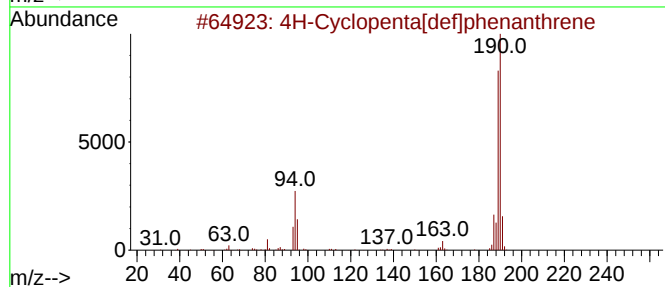
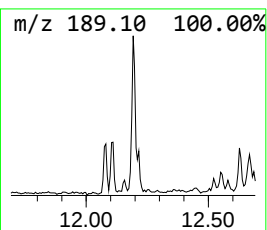
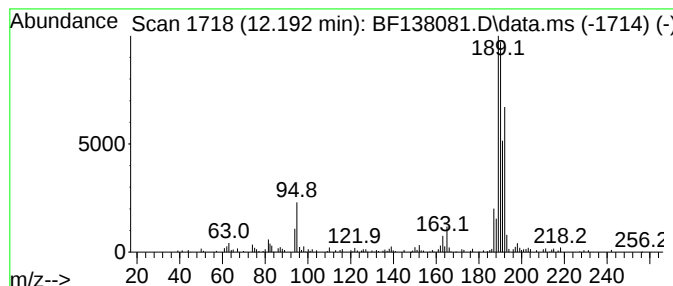
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	4.32 ng	117249	Phenanthrene-d10	11.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2			Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	46
3			8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	35
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
5			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138081.D
Acq On : 30 May 2024 17:51
Operator : CG\JU
Sample : P2654-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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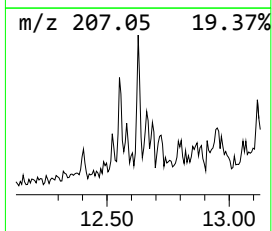
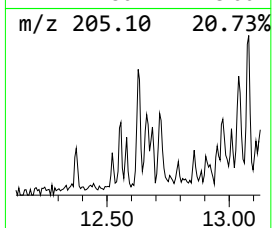
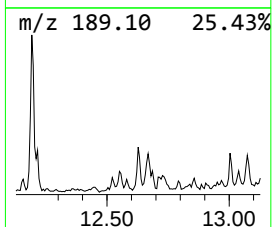
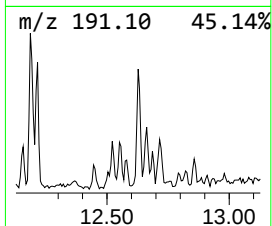
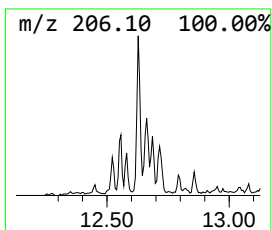
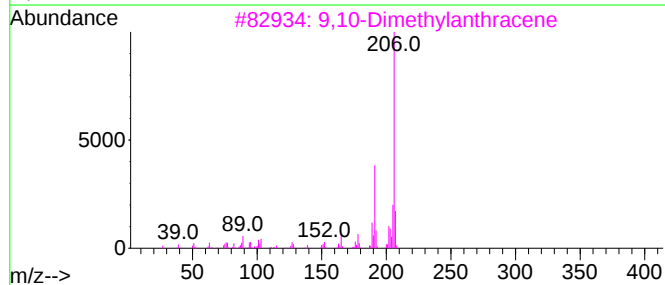
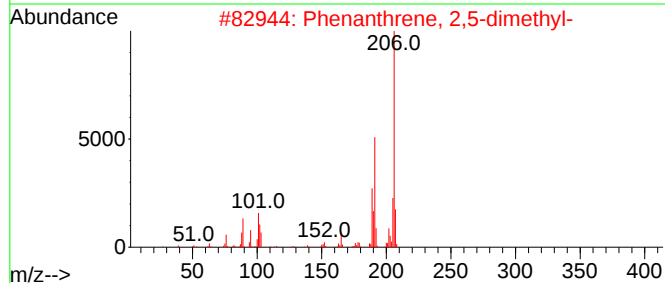
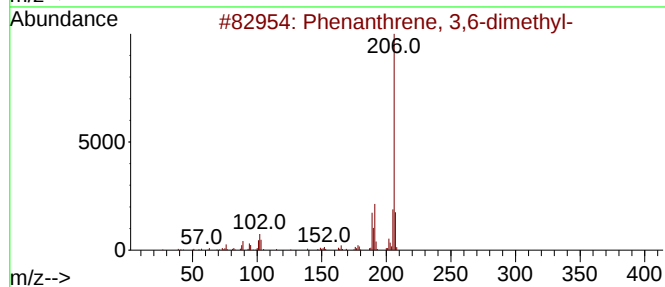
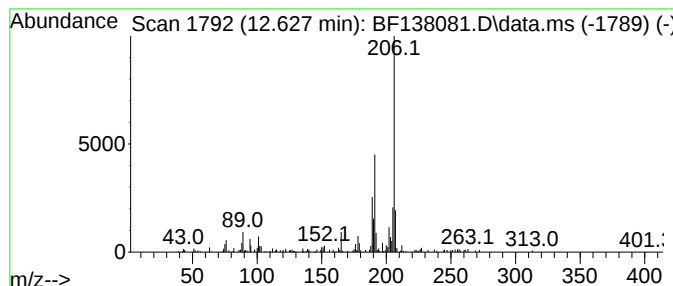
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.627	3.61 ng	98172	Phenanthrene-d10	11.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138081.D
Acq On : 30 May 2024 17:51
Operator : CG\JU
Sample : P2654-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

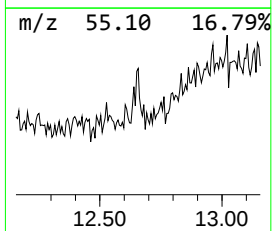
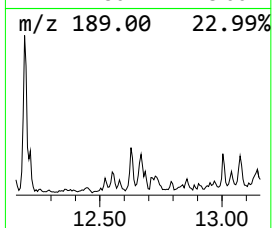
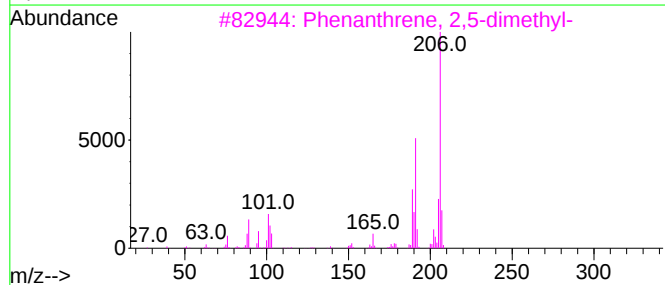
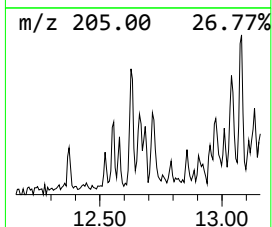
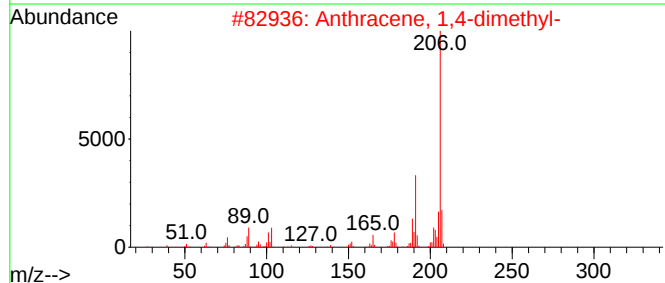
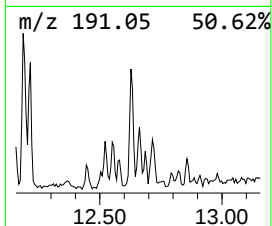
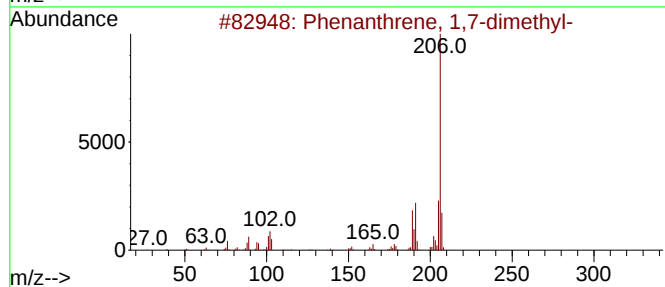
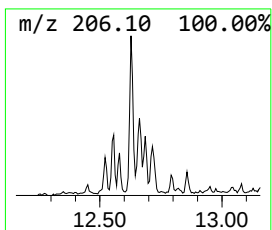
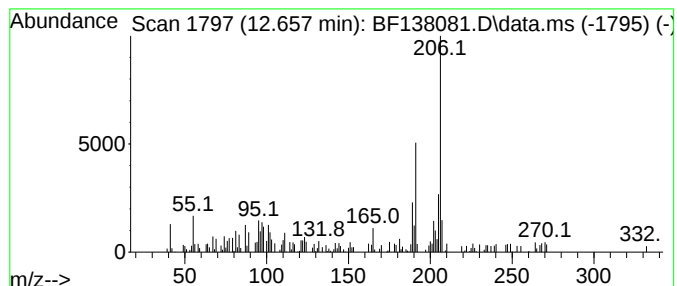
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.657	2.13 ng	57957	Phenanthrene-d10		11.574	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	92
2	Anthracene, 1,4-dimethyl-		206	C16H14	000781-92-0	89
3	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	89
4	Phenanthrene, 2,7-dimethyl-		206	C16H14	001576-69-8	83
5	Phenanthrene, 4,5-dimethyl-		206	C16H14	003674-69-9	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138081.D
Acq On : 30 May 2024 17:51
Operator : CG\JU
Sample : P2654-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-052924

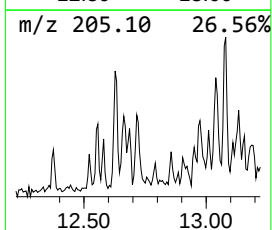
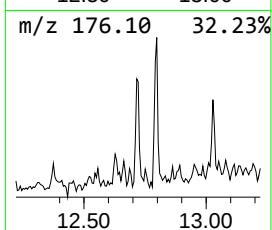
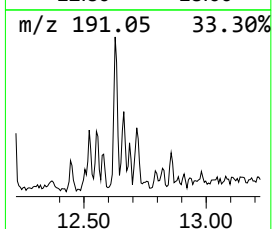
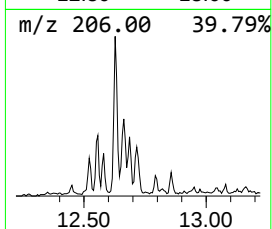
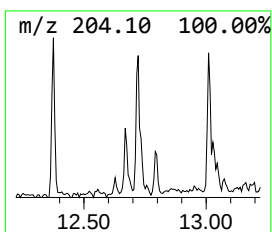
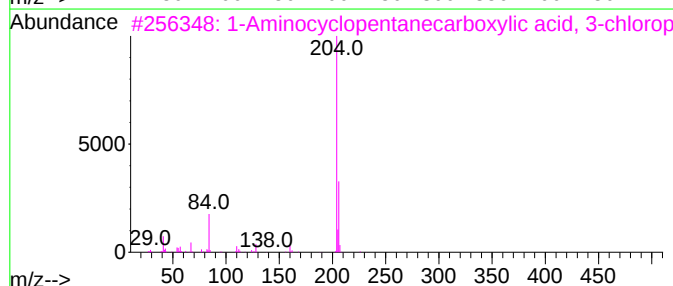
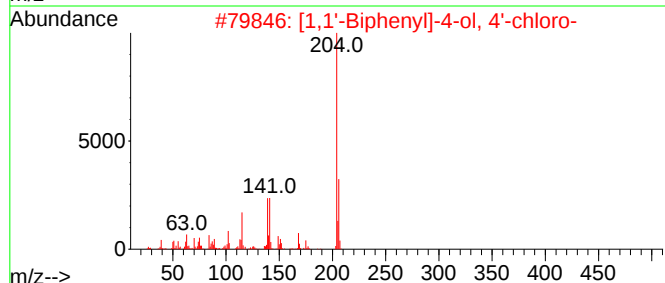
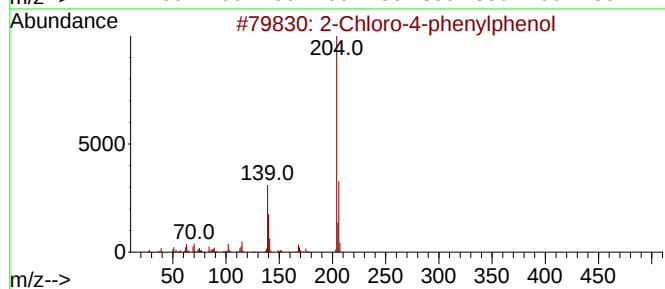
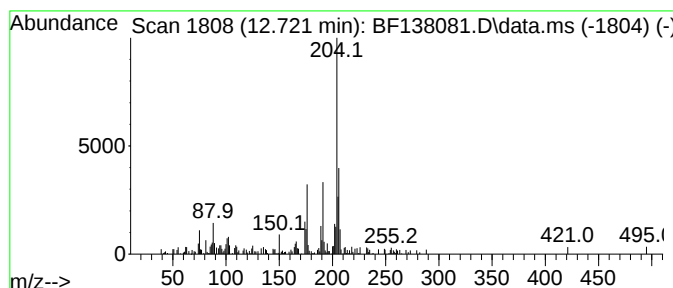
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-Chloro-4-phenylphenol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.721	2.46 ng	66761	Phenanthrene-d10	11.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	52
2			[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47
3			1-Aminocyclopentanecarboxylic ac...	347	C17H30ClNO4	1000392-62-5	47
4			Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	43
5			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138081.D
Acq On : 30 May 2024 17:51
Operator : CG\JU
Sample : P2654-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

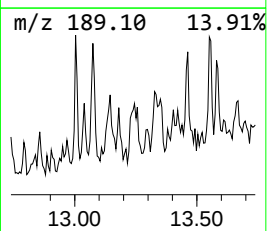
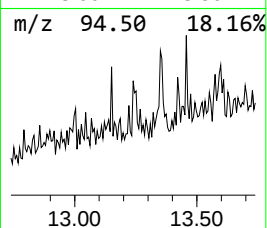
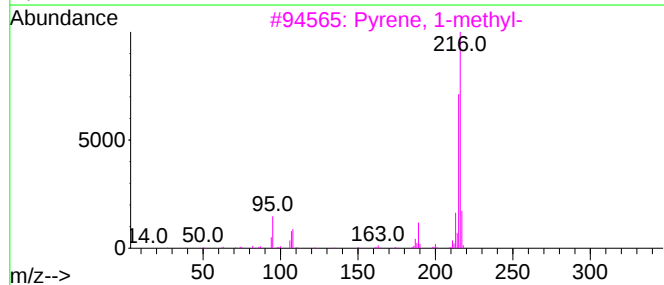
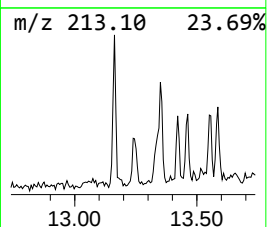
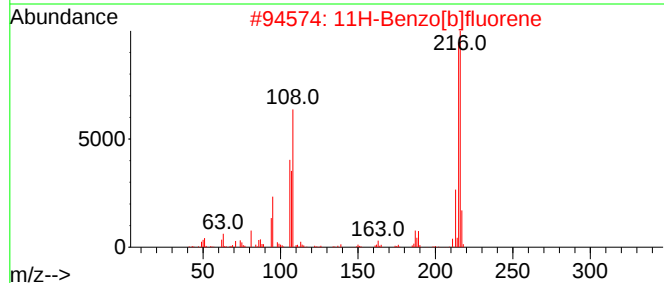
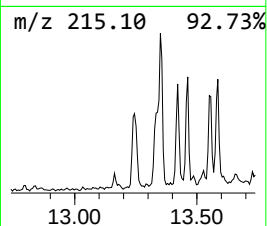
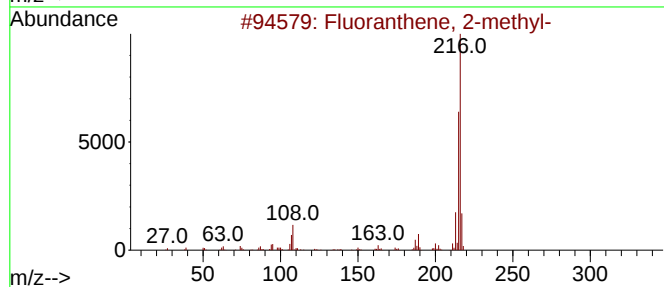
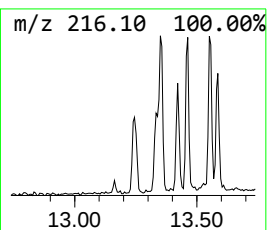
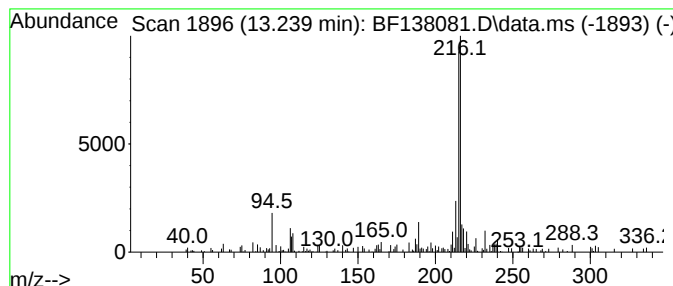
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.239	2.13 ng	69605	Chrysene-d12	14.227	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	68
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53
5	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
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Operator : CG\JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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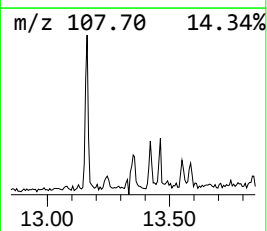
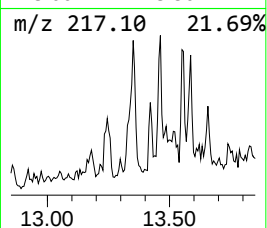
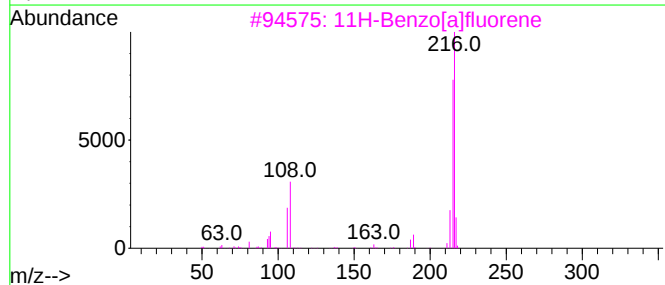
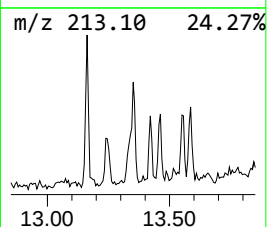
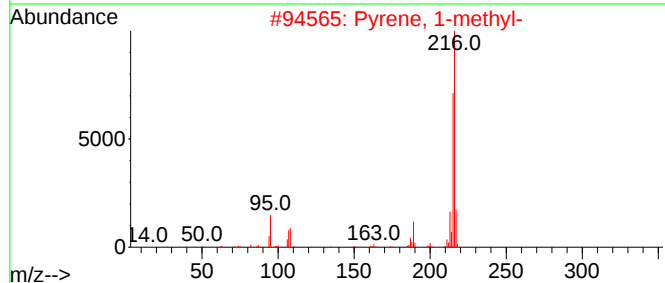
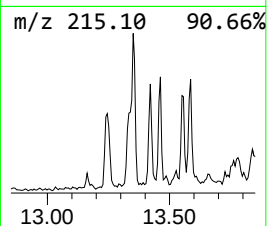
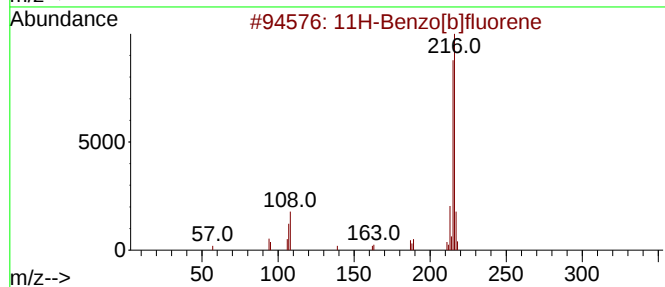
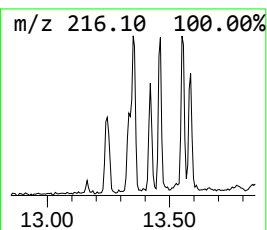
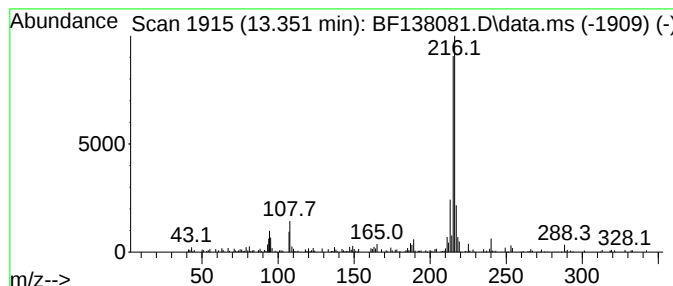
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.351	4.25 ng	138839	Chrysene-d12	14.227

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138081.D
Acq On : 30 May 2024 17:51
Operator : CG\JU
Sample : P2654-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-052924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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
Butane, 2-metho...	2.375	39.6	ng	1076970	1	7.034	544213	20.0
1,3-Dioxolane, ...	3.298	17.6	ng	479274	1	7.034	544213	20.0
unknown10.169	10.169	2.5	ng	86888	3	10.080	693412	20.0
Phenanthrene, 2...	12.080	2.8	ng	76395	4	11.574	543211	20.0
Anthracene, 2-m...	12.104	2.8	ng	75093	4	11.574	543211	20.0
4H-Cyclopenta[d...	12.192	4.3	ng	117249	4	11.574	543211	20.0
Phenanthrene, 3...	12.627	3.6	ng	98172	4	11.574	543211	20.0
Phenanthrene, 1...	12.657	2.1	ng	57957	4	11.574	543211	20.0
2-Chloro-4-phen...	12.721	2.5	ng	66761	4	11.574	543211	20.0
Fluoranthene, 2...	13.239	2.1	ng	69605	5	14.227	653615	20.0
11H-Benzo[b]flu...	13.351	4.3	ng	138839	5	14.227	653615	20.0