

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
 Data File : BF142585.D
 Acq On : 30 May 2025 22:41
 Operator : RC/JU
 Sample : Q2150-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-52

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-BF052025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142585.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.299	13	18	30	rVB	26923	48271	1.97%	0.163%
2	5.116	488	497	511	rBV	181854	286965	11.70%	0.967%
3	5.516	559	565	570	rBV	1829344	2435191	99.31%	8.203%
4	5.845	616	621	629	rBV	59485	77449	3.16%	0.261%
5	6.522	725	736	741	rBV	1744939	2450336	99.92%	8.254%
6	6.898	795	800	805	rVB	618469	756248	30.84%	2.547%
7	7.457	884	895	900	rBV	1167788	1545101	63.01%	5.205%
8	7.710	934	938	944	rVB	29908	38949	1.59%	0.131%
9	8.181	1010	1018	1025	rBV	752382	993402	40.51%	3.346%
10	8.392	1049	1054	1061	rVB2	21813	30372	1.24%	0.102%
11	8.769	1113	1118	1121	rBV	47599	56880	2.32%	0.192%
12	9.257	1195	1201	1206	rBV	1947349	2452188	100.00%	8.260%
13	9.333	1209	1214	1222	rBV	59595	84450	3.44%	0.284%
14	9.651	1264	1268	1275	rVB3	34707	60017	2.45%	0.202%
15	9.798	1288	1293	1298	rBV	83747	105670	4.31%	0.356%
16	9.863	1299	1304	1308	rVB	50821	65336	2.66%	0.220%
17	9.933	1311	1316	1321	rBV	681221	892695	36.40%	3.007%
18	10.139	1346	1351	1355	rBV	24313	34283	1.40%	0.115%
19	10.363	1381	1389	1392	rBV2	44212	76550	3.12%	0.258%
20	10.486	1406	1410	1415	rVB	27940	43201	1.76%	0.146%
21	10.586	1422	1427	1432	rVV2	14527	25754	1.05%	0.087%
22	10.645	1432	1437	1444	rVB	135497	190869	7.78%	0.643%
23	10.727	1445	1451	1462	rBV	993381	1335038	54.44%	4.497%
24	10.845	1466	1471	1477	rVB3	50767	89507	3.65%	0.301%
25	11.033	1498	1503	1506	rBV3	18361	32522	1.33%	0.110%
26	11.280	1540	1545	1548	rBV4	21777	36030	1.47%	0.121%
27	11.316	1548	1551	1558	rVB2	28460	45187	1.84%	0.152%
28	11.427	1564	1570	1578	rBV2	557293	1003037	40.90%	3.379%
29	11.498	1578	1582	1586	rVV	86795	117359	4.79%	0.395%
30	11.533	1586	1588	1594	rVB2	21603	28282	1.15%	0.095%
31	11.657	1605	1609	1615	rBV3	18619	38530	1.57%	0.130%
32	11.716	1616	1619	1623	rVV2	24134	35776	1.46%	0.121%
33	11.757	1623	1626	1630	rVB	22058	27961	1.14%	0.094%
34	11.951	1650	1659	1664	rBV3	341234	597240	24.36%	2.012%
35	12.004	1664	1668	1670	rVV	46771	73801	3.01%	0.249%
36	12.039	1670	1674	1683	rVB	157183	285312	11.63%	0.961%

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37	12.221	1698	1705	1708	rBV	55980	98202	4.00%	0.331%
38	12.368	1725	1730	1733	rBV2	25600	44918	1.83%	0.151%
39	12.404	1733	1736	1738	rBV	21968	25673	1.05%	0.086%
40	12.474	1744	1748	1751	rBV	94828	133878	5.46%	0.451%
41	12.510	1751	1754	1760	rVV2	63777	107570	4.39%	0.362%
42	12.563	1760	1763	1771	rVB3	47496	80789	3.29%	0.272%
43	12.639	1771	1776	1781	rBV	881883	1115306	45.48%	3.757%
44	12.733	1788	1792	1799	rVB	67960	80375	3.28%	0.271%
45	12.792	1799	1802	1808	rVB3	34082	53914	2.20%	0.182%
46	12.868	1808	1815	1821	rBV	859017	1285596	52.43%	4.330%
47	12.921	1821	1824	1828	rVB2	48347	67224	2.74%	0.226%
48	13.010	1832	1839	1846	rVB	1499817	1990263	81.16%	6.704%
49	13.086	1847	1852	1859	rBV3	95839	180214	7.35%	0.607%
50	13.198	1863	1871	1875	rVB	175326	317474	12.95%	1.069%
51	13.263	1878	1882	1885	rVV	136985	168186	6.86%	0.567%
52	13.304	1885	1889	1896	rVB2	114166	172086	7.02%	0.580%
53	13.392	1901	1904	1907	rBV	67437	83895	3.42%	0.283%
54	13.427	1907	1910	1913	rVB	63606	75575	3.08%	0.255%
55	13.580	1933	1936	1938	rBV2	33736	49434	2.02%	0.167%
56	13.815	1972	1976	1979	rBV2	93135	145657	5.94%	0.491%
57	13.910	1988	1992	1998	rVB3	147816	225973	9.22%	0.761%
58	14.062	2012	2018	2022	rBV2	980257	1860542	75.87%	6.267%
59	14.174	2034	2037	2040	rVB	81209	87549	3.57%	0.295%
60	14.451	2081	2084	2088	rVB	109745	138458	5.65%	0.466%
61	14.580	2104	2106	2108	rBV	54384	56867	2.32%	0.192%
62	15.127	2193	2199	2208	rBV	630627	1532319	62.49%	5.162%
63	15.233	2214	2217	2222	rVB	131231	174754	7.13%	0.589%
64	15.439	2247	2252	2258	rVB	354503	576011	23.49%	1.940%
65	15.504	2258	2263	2268	rBV	506601	757564	30.89%	2.552%
66	15.568	2269	2274	2277	rBV	435399	704576	28.73%	2.373%
67	17.074	2524	2530	2540	rVB2	201871	448824	18.30%	1.512%
68	17.533	2602	2608	2621	rVB	153340	351948	14.35%	1.186%

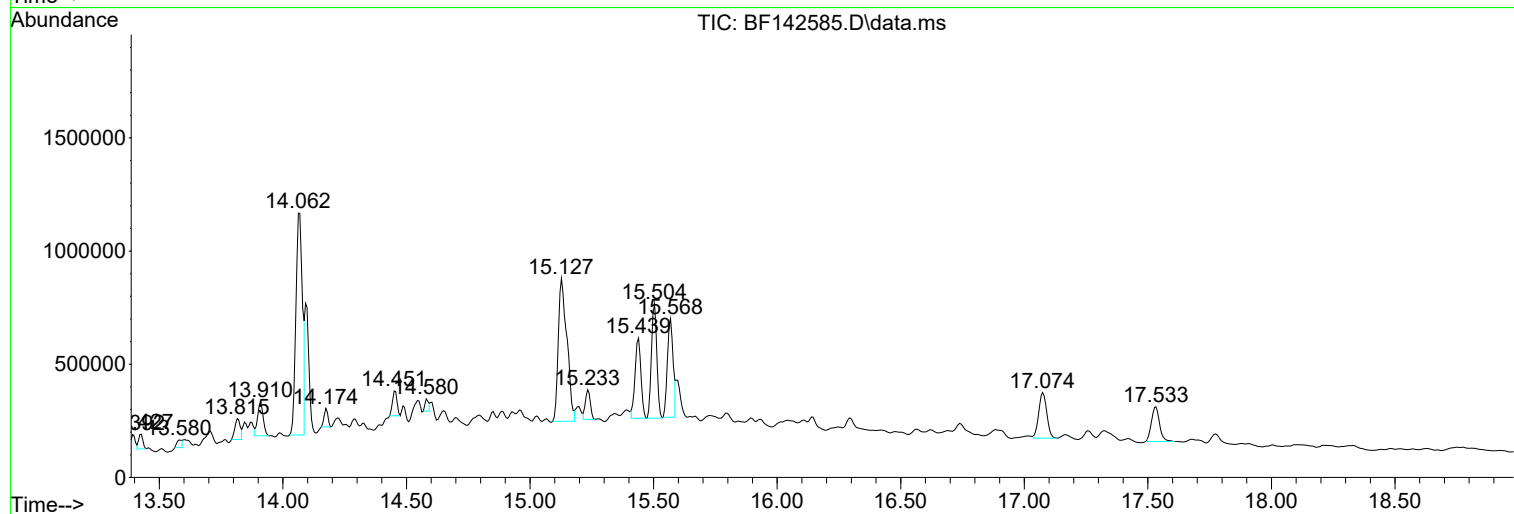
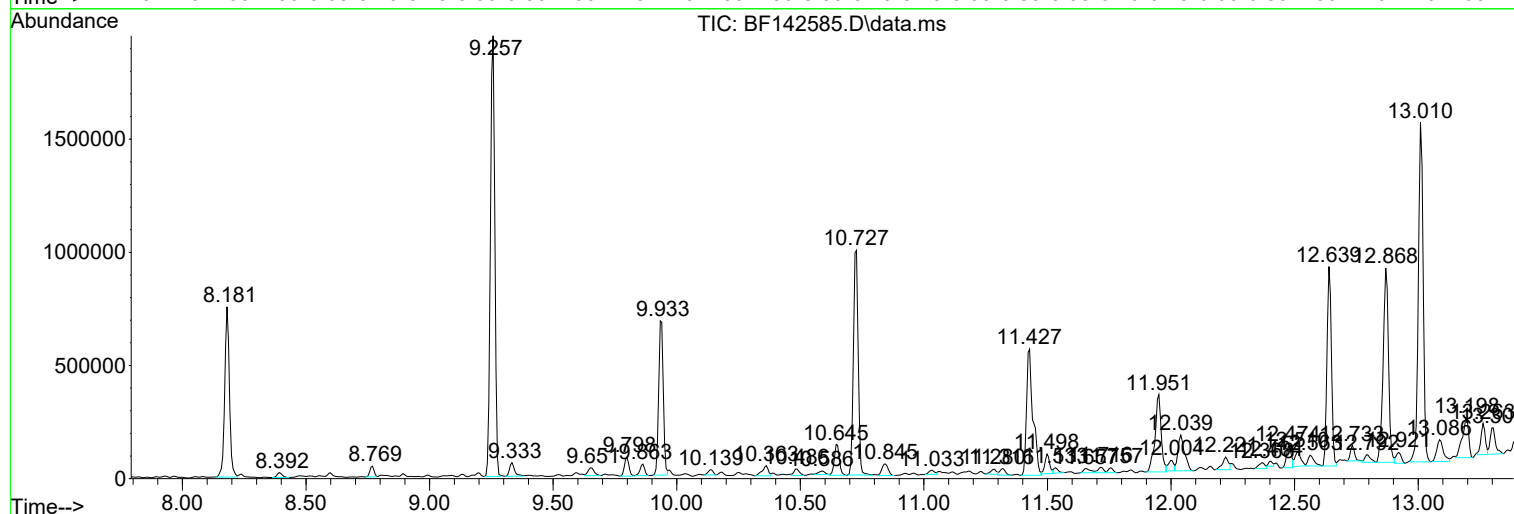
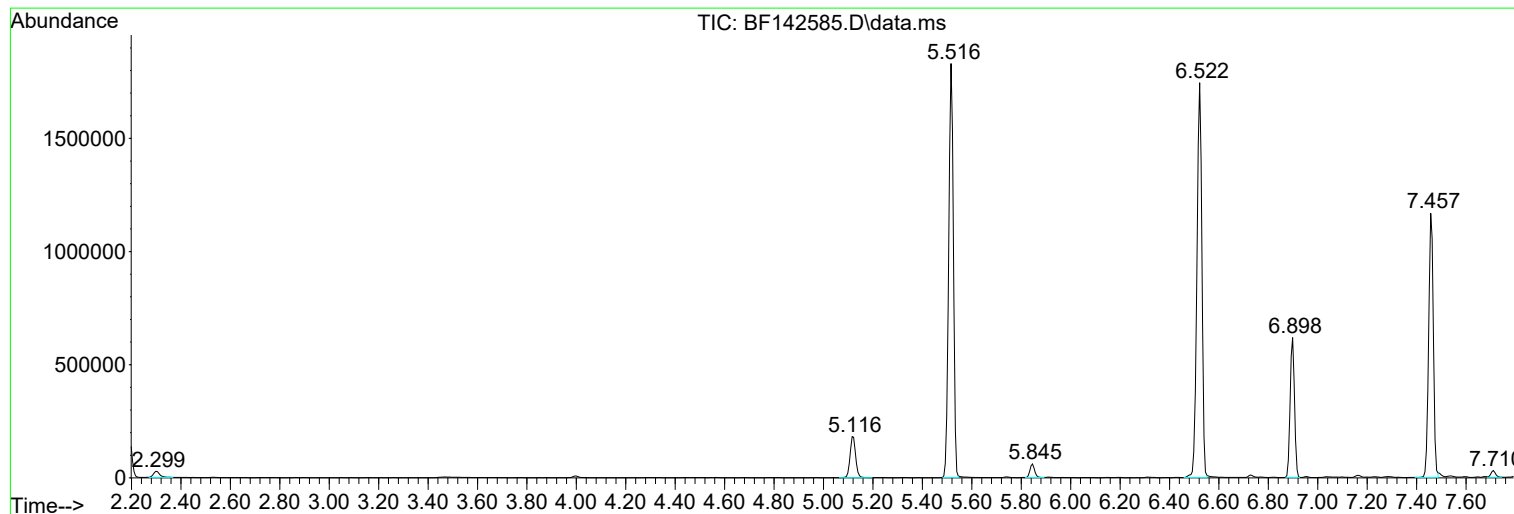
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-52

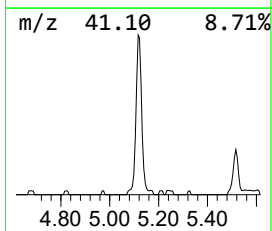
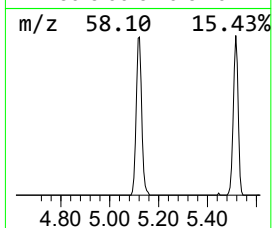
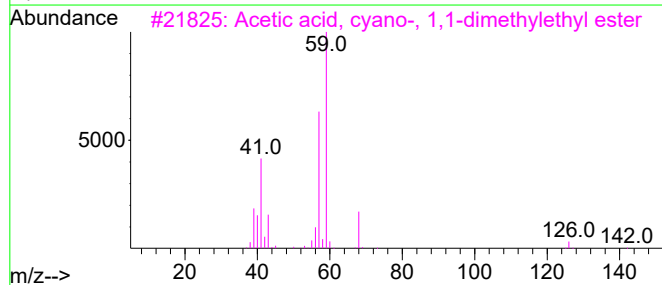
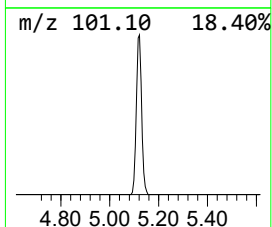
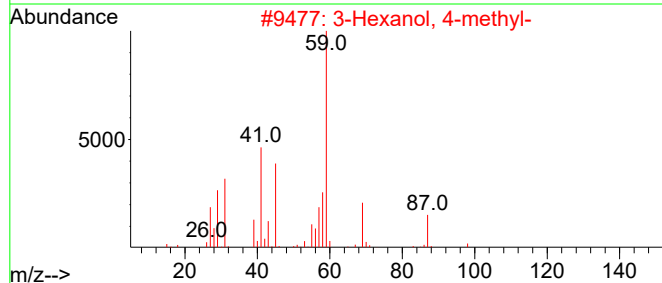
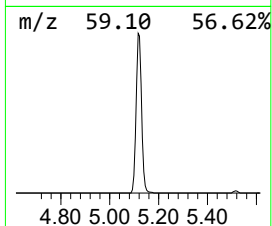
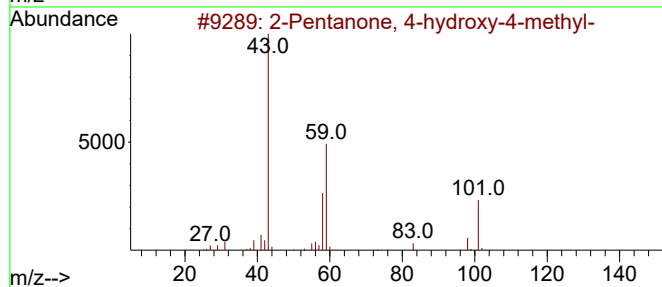
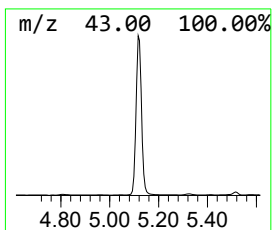
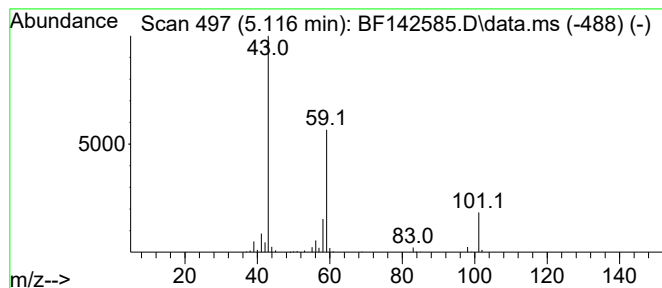
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	7.59 ng	286965	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		



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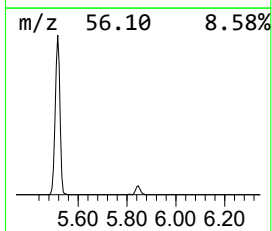
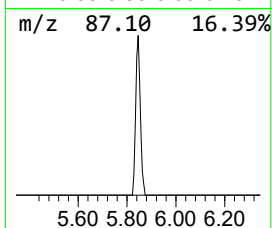
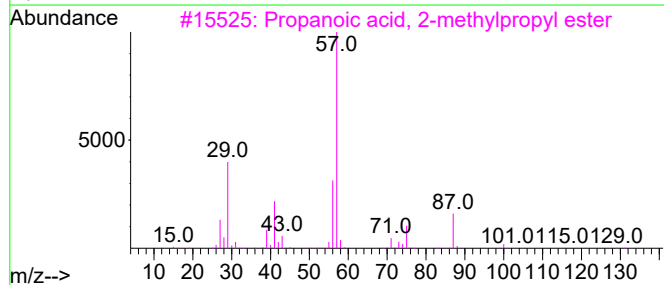
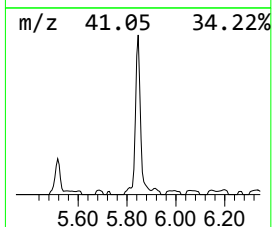
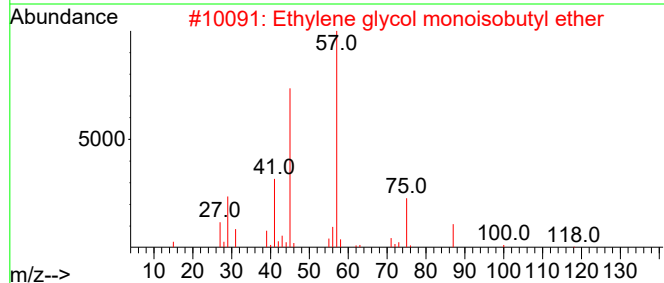
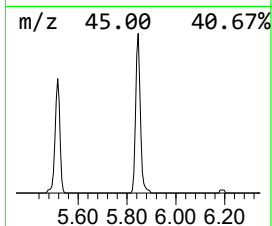
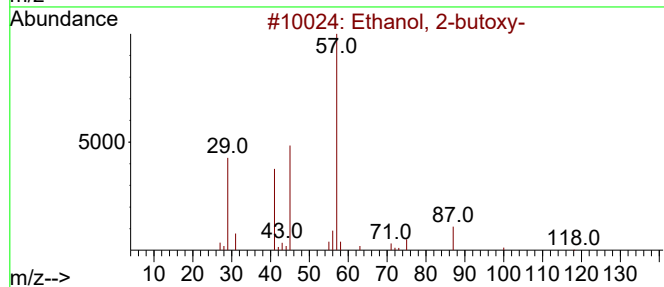
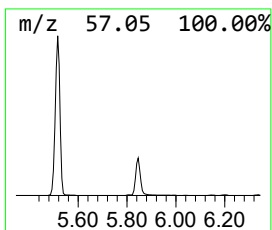
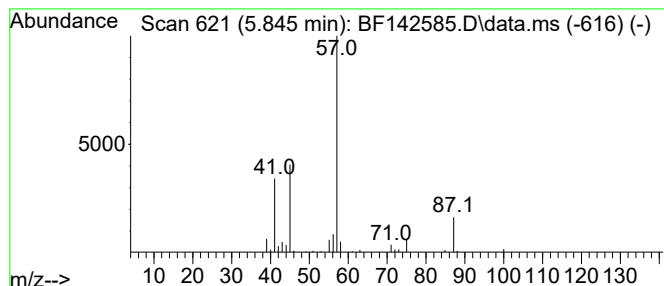
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethanol, 2-butoxy- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.845	2.05 ng	77449	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	74
2			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	42
3			Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	17
4			Isobutyl ether	130	C8H18O	000628-55-7	16
5			n-Butyl ether	130	C8H18O	000142-96-1	16



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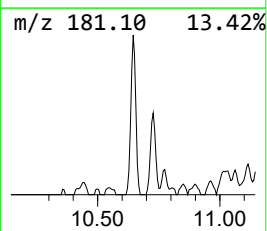
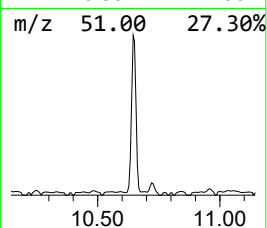
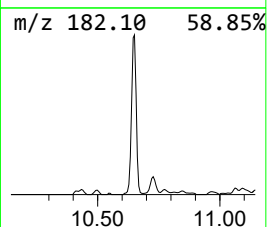
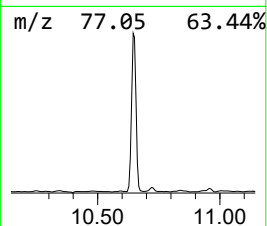
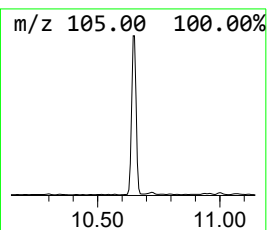
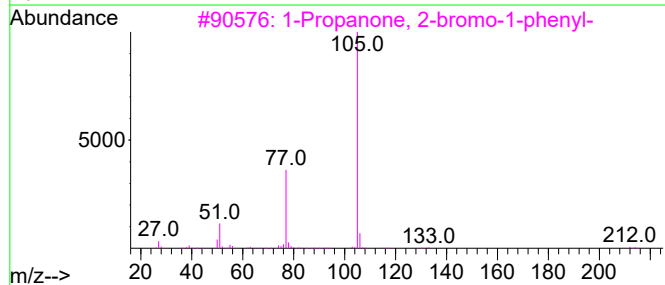
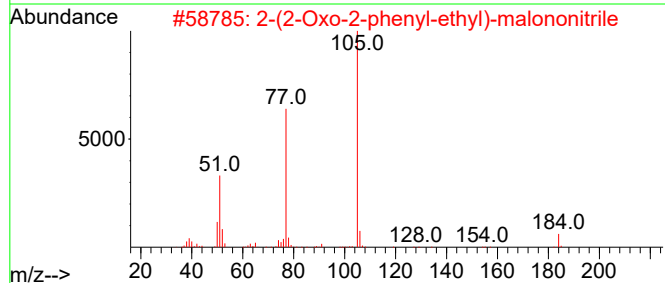
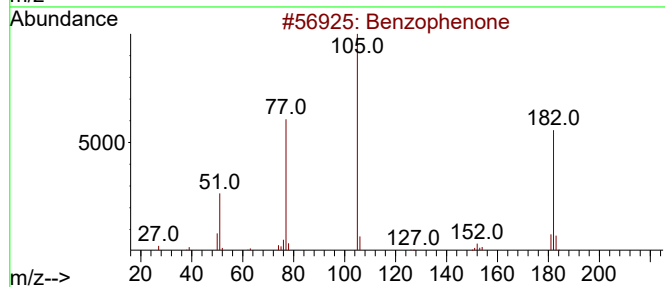
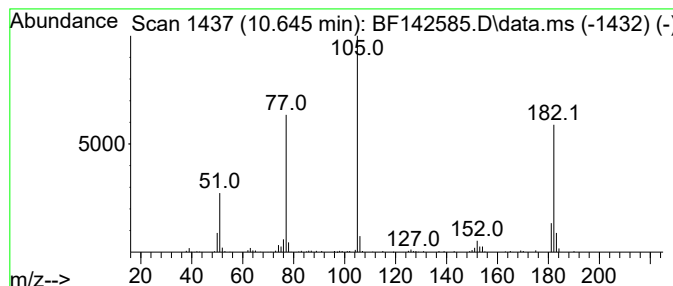
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	4.28 ng	190869	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	53
3			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4			acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47
5			N-Methylbenzamide, N-chlorodiflu...	247	C10H8ClF2NO2	1000446-98-2	47



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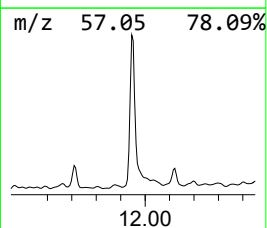
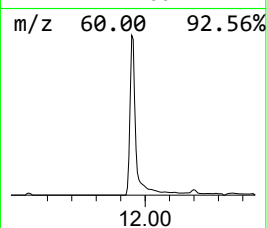
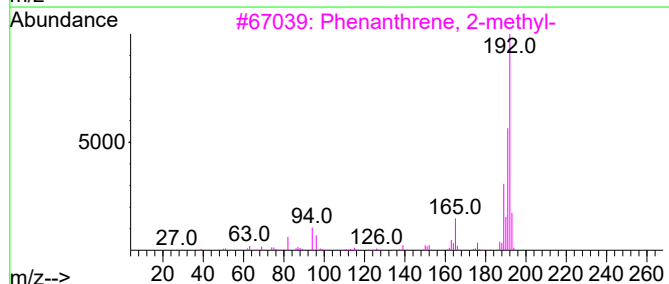
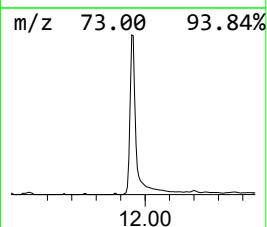
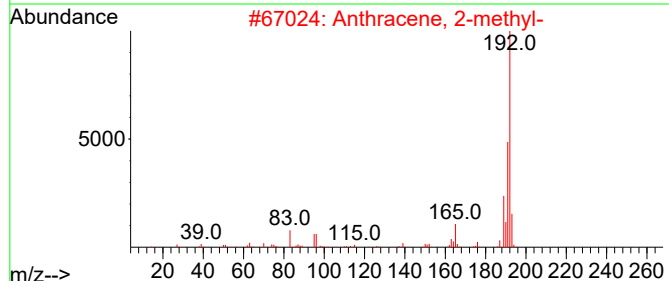
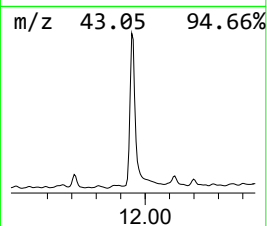
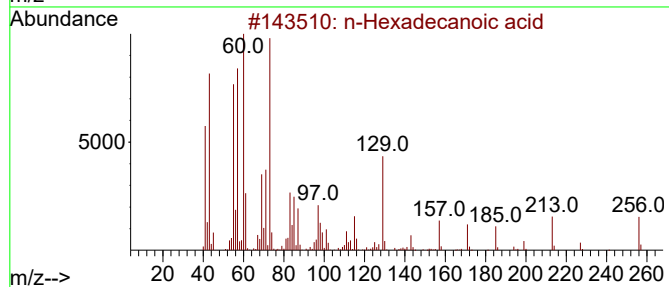
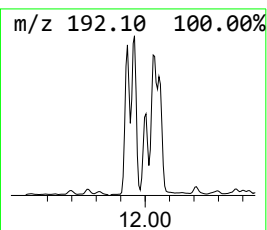
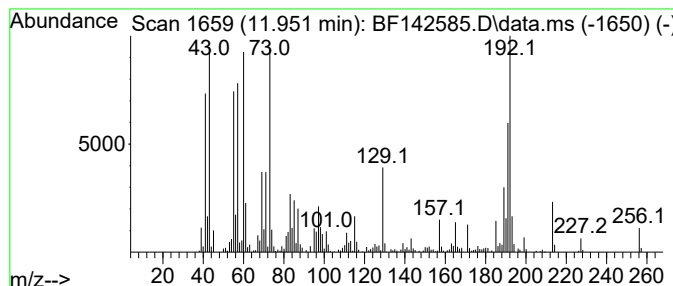
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.951	11.91 ng	597240	Phenanthrene-d10		11.427	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	97
2	Anthracene, 2-methyl-		192	C15H12	000613-12-7	91
3	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	91
4	Tridecanoic acid		214	C13H26O2	000638-53-9	87
5	n-Decanoic acid		172	C10H20O2	000334-48-5	83



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Data File : BF142585.D
Acq On : 30 May 2025 22:41
Operator : RC/JU
Sample : Q2150-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-52

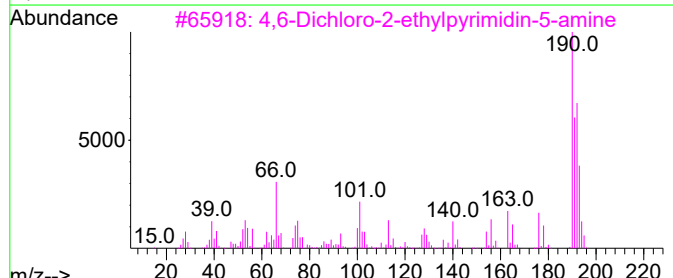
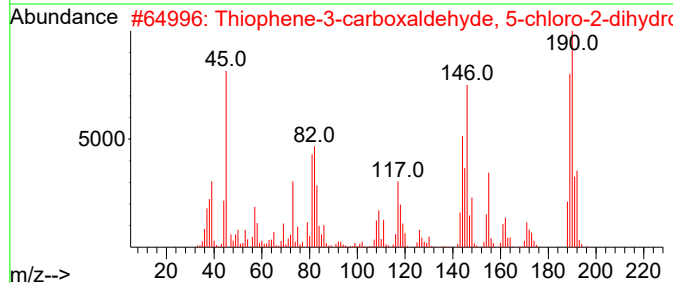
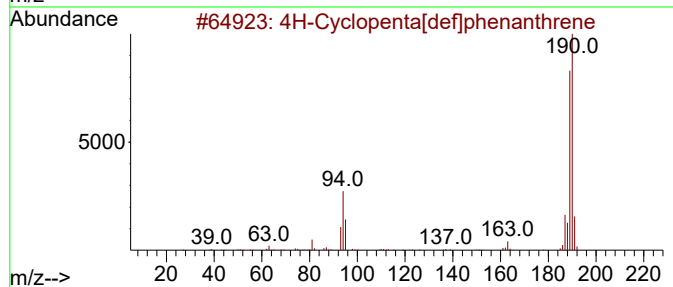
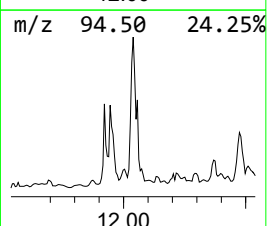
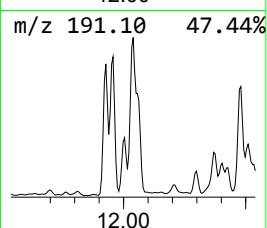
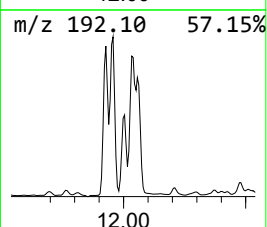
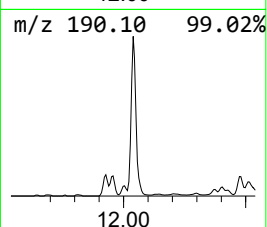
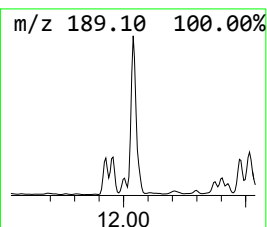
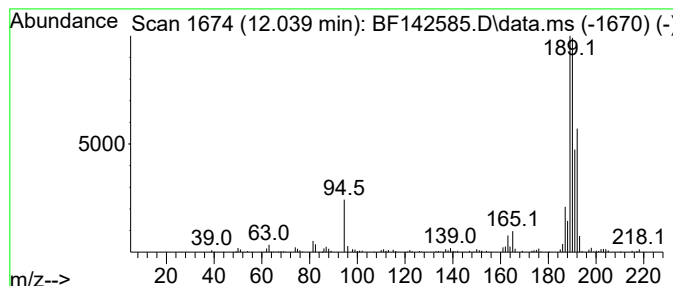
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	5.69 ng	285312	Phenanthrene-d10	11.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3			4,6-Dichloro-2-ethylpyrimidin-5...	191	C6H7Cl2N3	006237-96-3	43
4			2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	43
5			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142585.D
Acq On : 30 May 2025 22:41
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Misc :
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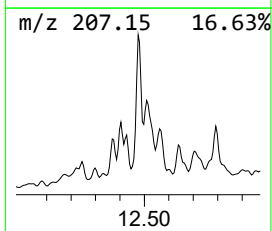
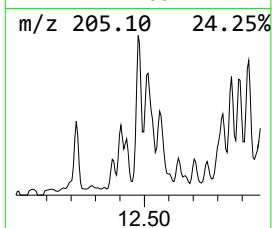
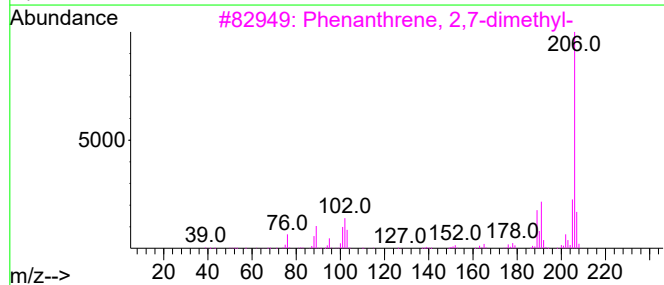
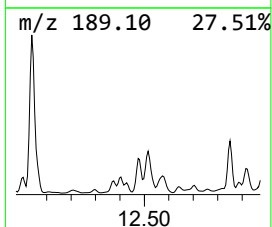
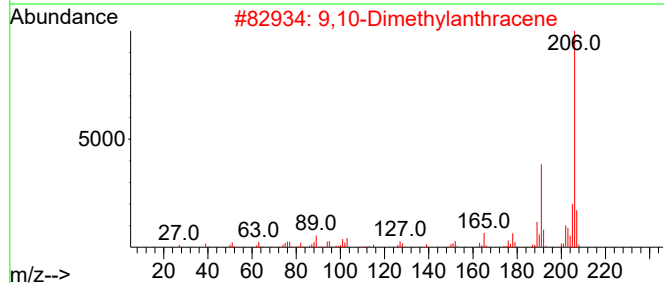
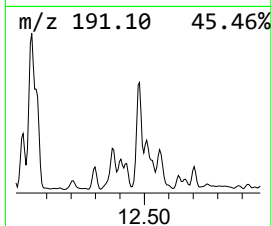
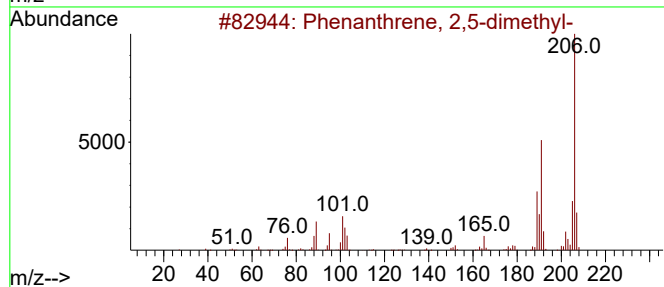
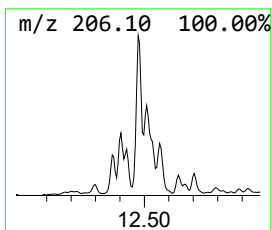
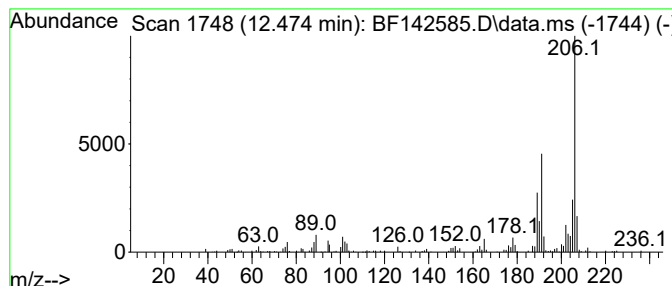
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.474	2.67 ng	133878	Phenanthrene-d10	11.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142585.D
Acq On : 30 May 2025 22:41
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Sample : Q2150-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

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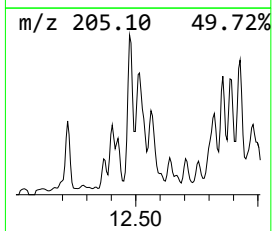
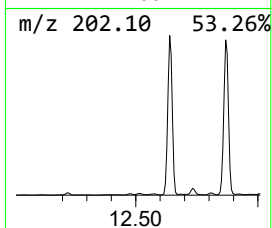
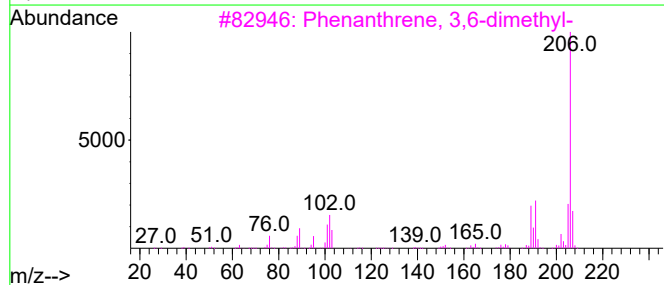
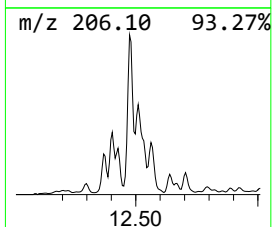
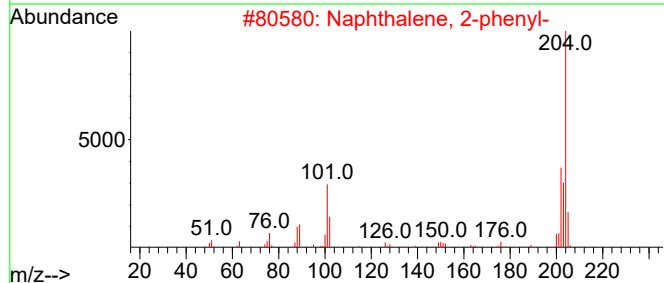
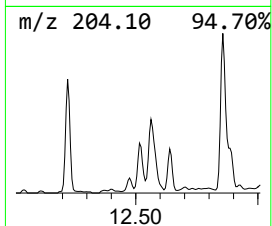
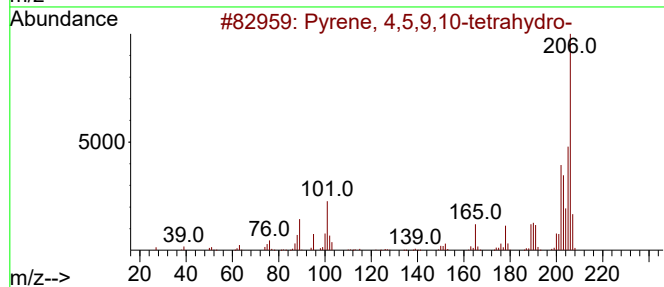
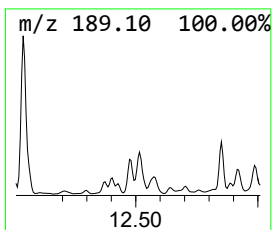
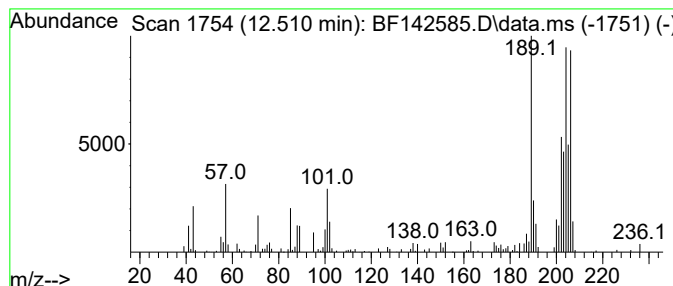
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	2.14 ng	107570	Phenanthrene-d10	11.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	51
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	27
4			Isoquinoline, 1,2,3,4-tetrahydro...	205	C12H19NSi	069944-96-3	25
5			4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142585.D
Acq On : 30 May 2025 22:41
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Misc :
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ClientSampleId :
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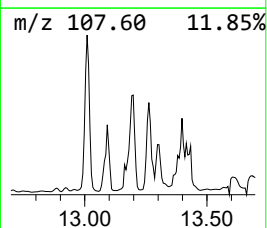
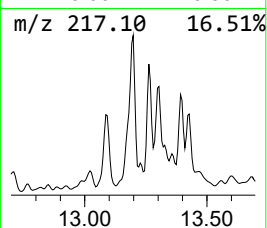
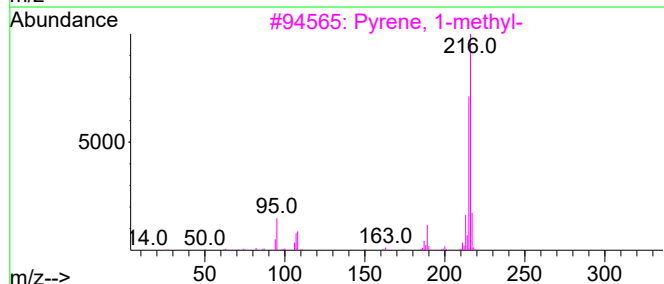
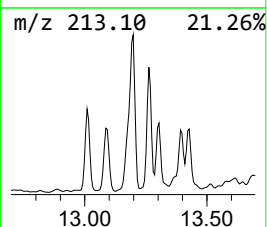
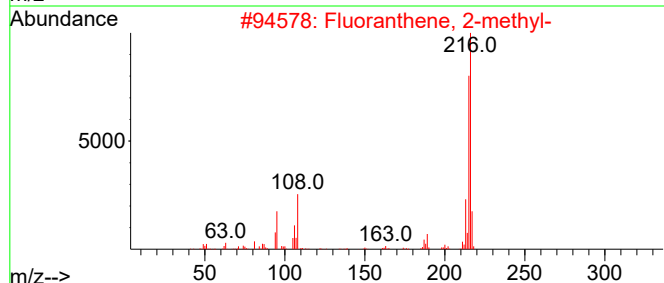
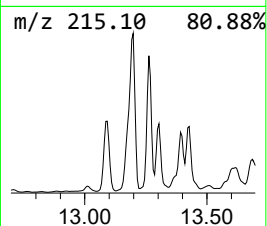
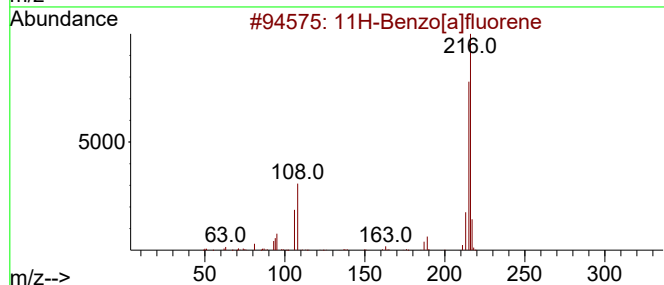
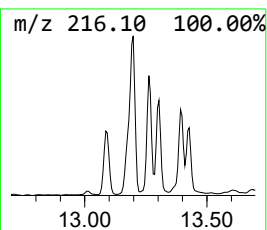
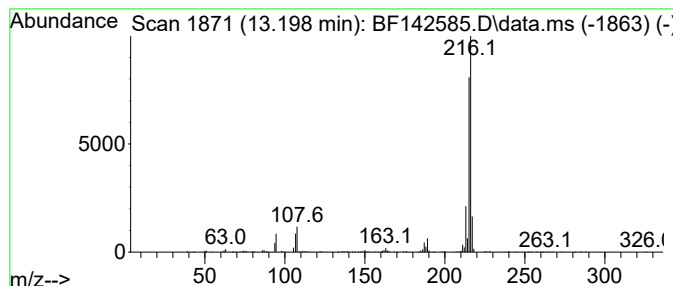
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	3.41 ng	317474	Chrysene-d12	14.068

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
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\BF053025\
Data File : BF142585.D
Acq On : 30 May 2025 22:41
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ClientSampleId :
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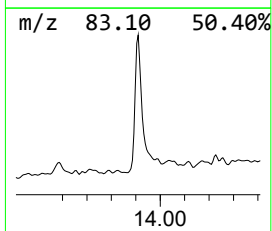
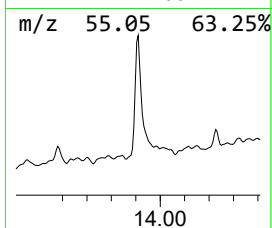
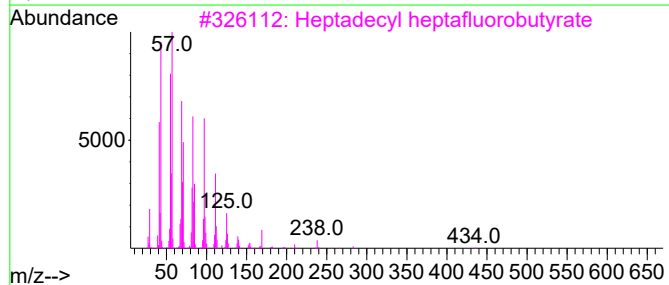
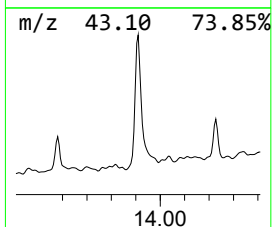
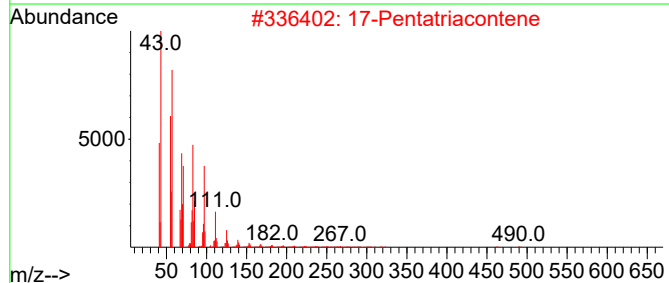
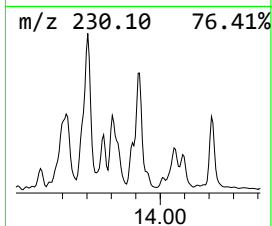
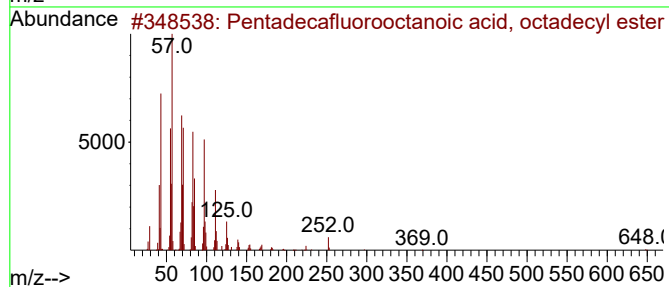
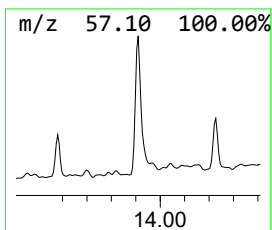
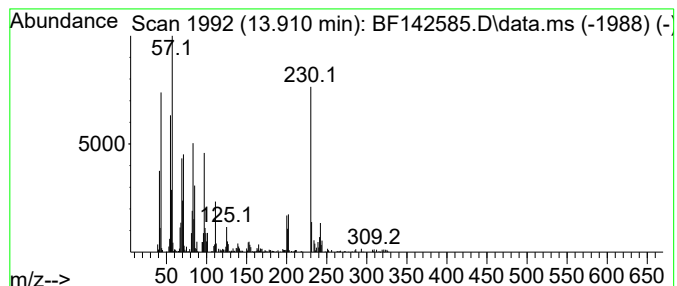
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecafluorooctanoic aci... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	2.43 ng	225973	Chrysene-d12	14.068

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	78
2			17-Pentatriacontene	491	C35H70	006971-40-0	60
3			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	60
4			Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	60
5			Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
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Acq On : 30 May 2025 22:41
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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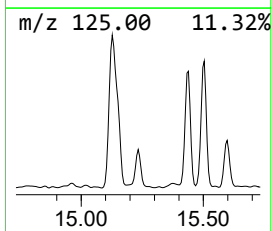
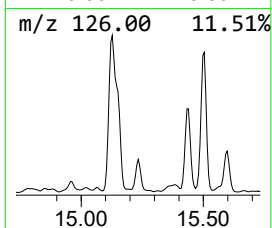
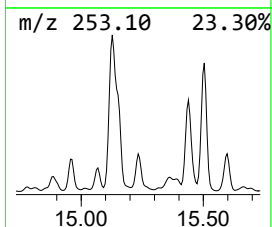
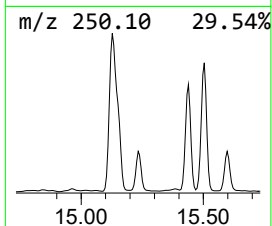
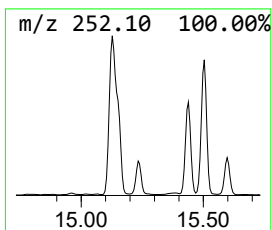
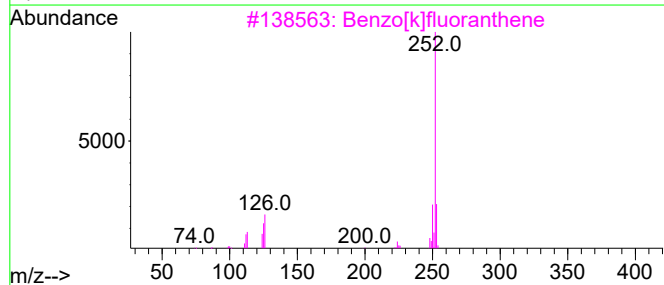
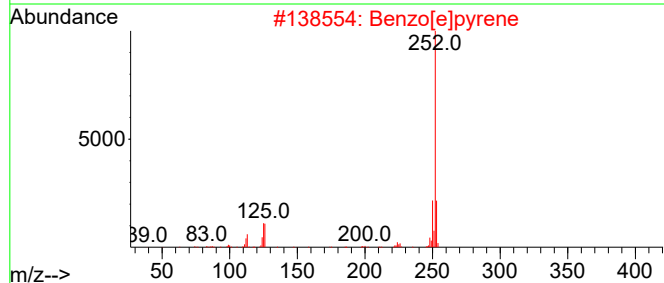
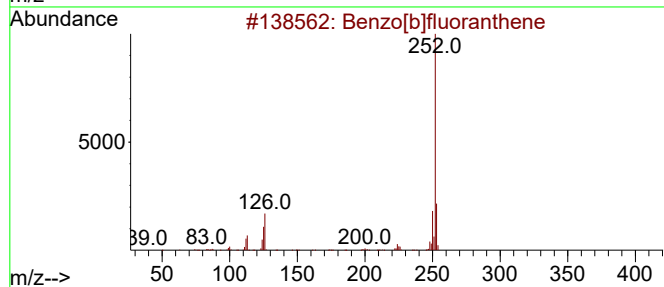
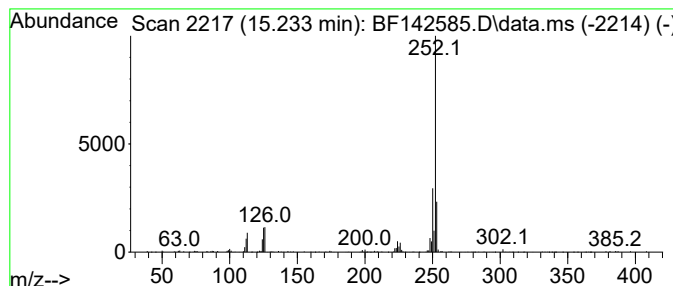
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	4.96 ng	174754	Perylene-d12	15.568

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
2		Benzo[e]pyrene	252	C20H12	000192-97-2	93
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	91
5		Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142585.D
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ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
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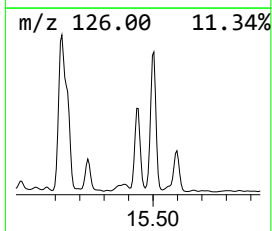
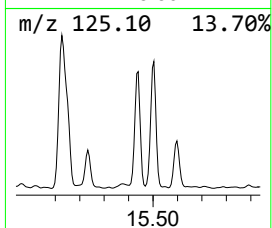
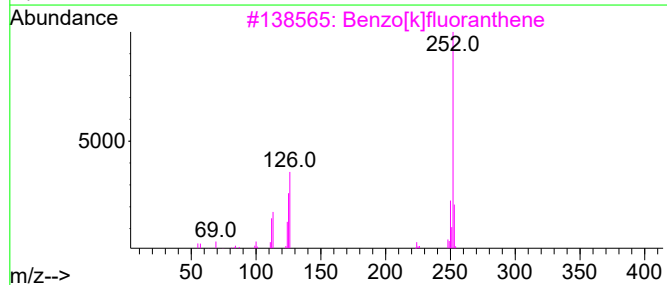
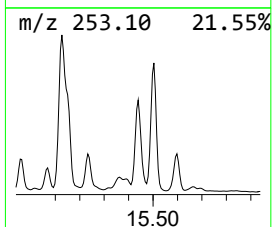
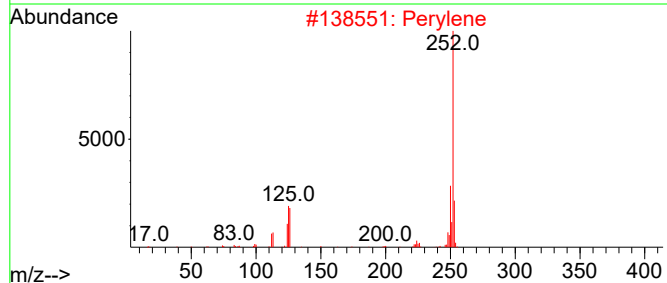
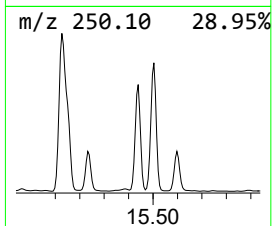
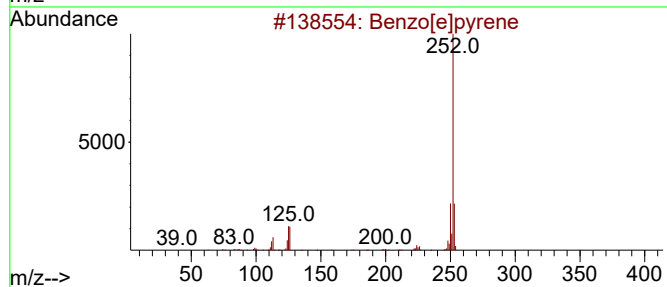
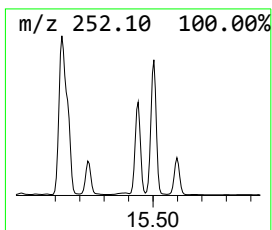
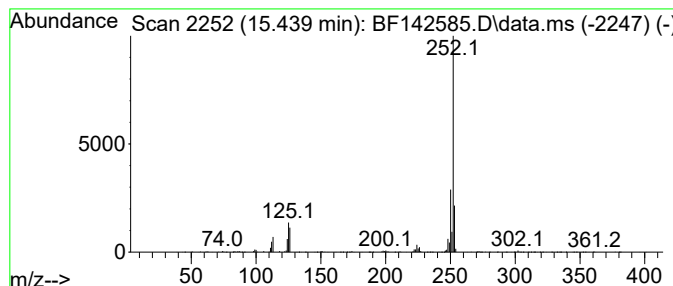
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.439	16.35 ng	576011	Perylene-d12	15.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Perylene	252	C20H12	000198-55-0	97
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142585.D
Acq On : 30 May 2025 22:41
Operator : RC/JU
Sample : Q2150-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-52

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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
2-Pentanone, 4-...	5.116	7.6	ng	286965	1	6.898	756248	20.0
Ethanol, 2-butoxy-	5.845	2.0	ng	77449	1	6.898	756248	20.0
Benzophenone	10.645	4.3	ng	190869	3	9.939	892695	20.0
n-Hexadecanoic ...	11.951	11.9	ng	597240	4	11.427	1003040	20.0
4H-Cyclopenta[d]...	12.039	5.7	ng	285312	4	11.427	1003040	20.0
Phenanthrene, 2...	12.474	2.7	ng	133878	4	11.427	1003040	20.0
Pyrene, 4,5,9,1...	12.510	2.1	ng	107570	4	11.427	1003040	20.0
11H-Benzo[a]flu...	13.198	3.4	ng	317474	5	14.068	1860540	20.0
Pentadecafluoro...	13.910	2.4	ng	225973	5	14.068	1860540	20.0
Benzo[e]pyrene	15.233	5.0	ng	174754	6	15.568	704576	20.0
Perylene	15.439	16.4	ng	576011	6	15.568	704576	20.0