

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
 Data File : BF142167.D
 Acq On : 28 Mar 2025 18:33
 Operator : RC/JU
 Sample : Q1657-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11998

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-BF031025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142167.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	3	10	20	rVB	816268	1309889	26.45%	2.656%
2	2.269	25	30	42	rBV	25710	57727	1.17%	0.117%
3	5.093	499	510	527	rBV	184483	311703	6.29%	0.632%
4	5.487	571	577	597	rBV	2036281	2773602	56.01%	5.625%
5	5.698	607	613	624	rBV	99128	173473	3.50%	0.352%
6	6.498	742	749	768	rBV	2077242	3065510	61.91%	6.216%
7	6.869	807	812	818	rBV	657607	807260	16.30%	1.637%
8	7.434	898	908	917	rBV	1517565	2076916	41.94%	4.212%
9	7.687	945	951	958	rVB2	45604	65919	1.33%	0.134%
10	7.887	979	985	993	rBV2	35390	56826	1.15%	0.115%
11	8.151	1022	1030	1048	rBV	825279	1191163	24.05%	2.416%
12	8.863	1147	1151	1156	rVB	44004	53111	1.07%	0.108%
13	8.963	1163	1168	1172	rBV	258927	324193	6.55%	0.657%
14	9.228	1207	1213	1218	rBV	3215416	3998660	80.75%	8.109%
15	9.328	1222	1230	1235	rVV	250738	344294	6.95%	0.698%
16	9.422	1241	1246	1252	rVB	134675	202045	4.08%	0.410%
17	9.492	1252	1258	1263	rBV	265979	438542	8.86%	0.889%
18	9.563	1265	1270	1273	rBV	324526	448436	9.06%	0.909%
19	9.592	1273	1275	1279	rVB	120540	124174	2.51%	0.252%
20	9.681	1286	1290	1298	rBV	147478	228802	4.62%	0.464%
21	9.763	1299	1304	1309	rVB2	92899	121312	2.45%	0.246%
22	9.904	1319	1328	1331	rBV2	883345	1391442	28.10%	2.822%
23	9.939	1331	1334	1339	rVV	1401644	1703587	34.40%	3.455%
24	10.010	1342	1346	1350	rBV	77035	116478	2.35%	0.236%
25	10.063	1350	1355	1358	rVV2	92640	132968	2.69%	0.270%
26	10.110	1358	1363	1367	rVV	842263	1063677	21.48%	2.157%
27	10.145	1367	1369	1378	rVB	104094	153030	3.09%	0.310%
28	10.222	1378	1382	1384	rBV	82927	105940	2.14%	0.215%
29	10.251	1384	1387	1392	rVB	78888	100226	2.02%	0.203%
30	10.310	1392	1397	1404	rBV3	123155	250743	5.06%	0.508%
31	10.410	1406	1414	1417	rBV2	61799	118069	2.38%	0.239%
32	10.457	1417	1422	1427	rVB	1089260	1410768	28.49%	2.861%
33	10.539	1427	1436	1442	rBV3	224698	572101	11.55%	1.160%
34	10.616	1442	1449	1454	rVB3	403128	694853	14.03%	1.409%
35	10.692	1457	1462	1468	rBV	1550185	2154327	43.50%	4.369%
36	10.810	1477	1482	1489	rVB3	133259	254152	5.13%	0.515%

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37	10.886	1490	1495	1499	rBV3	96702	138676	2.80%	0.281%
38	10.998	1507	1514	1518	rBV3	170127	327917	6.62%	0.665%
39	11.080	1526	1528	1532	rVB	62251	74005	1.49%	0.150%
40	11.133	1532	1537	1538	rBV3	83442	128999	2.61%	0.262%
41	11.245	1551	1556	1560	rBV3	124378	228082	4.61%	0.463%
42	11.292	1560	1564	1571	rVB	299987	415771	8.40%	0.843%
43	11.422	1576	1586	1590	rBV2	3112295	4951944	100.00%	10.042%
44	11.469	1590	1594	1598	rVB	373087	444951	8.99%	0.902%
45	11.622	1616	1620	1628	rBV4	83188	175588	3.55%	0.356%
46	11.686	1628	1631	1634	rVV2	45502	58757	1.19%	0.119%
47	11.722	1635	1637	1643	rVB2	45719	70255	1.42%	0.142%
48	11.898	1662	1667	1668	rBV	253259	318781	6.44%	0.646%
49	11.922	1668	1671	1676	rVV	371723	538033	10.87%	1.091%
50	11.969	1676	1679	1682	rVV	121466	176025	3.55%	0.357%
51	12.010	1682	1686	1694	rVB	432650	735797	14.86%	1.492%
52	12.192	1710	1717	1725	rVB	157718	283098	5.72%	0.574%
53	12.445	1756	1760	1763	rBV	92591	130390	2.63%	0.264%
54	12.480	1763	1766	1772	rVB2	57979	89349	1.80%	0.181%
55	12.533	1772	1775	1780	rVB3	38893	57960	1.17%	0.118%
56	12.610	1783	1788	1793	rBV	1525769	1949591	39.37%	3.954%
57	12.704	1800	1804	1811	rBV	112968	186864	3.77%	0.379%
58	12.839	1820	1827	1833	rBV	964706	1645450	33.23%	3.337%
59	12.980	1844	1851	1858	rVB	2573363	3367158	68.00%	6.828%
60	13.057	1859	1864	1871	rBV3	79841	157027	3.17%	0.318%
61	13.163	1875	1882	1886	rVB	187914	297431	6.01%	0.603%
62	13.233	1890	1894	1897	rBV	152041	196402	3.97%	0.398%
63	13.269	1897	1900	1903	rVB2	72326	85951	1.74%	0.174%
64	13.516	1938	1942	1946	rBV	135485	191435	3.87%	0.388%
65	13.786	1985	1988	1990	rBV	54497	61311	1.24%	0.124%
66	13.874	2000	2003	2012	rVB4	161611	277799	5.61%	0.563%
67	14.033	2024	2030	2033	rBV2	845154	1412673	28.53%	2.865%
68	14.657	2133	2136	2141	rVB2	132822	184959	3.74%	0.375%
69	15.080	2204	2208	2216	rVB2	214405	443327	8.95%	0.899%
70	15.386	2257	2260	2265	rVB	103533	151659	3.06%	0.308%
71	15.445	2266	2270	2276	rVV	148379	245529	4.96%	0.498%
72	15.510	2276	2281	2293	rVB	396666	717876	14.50%	1.456%

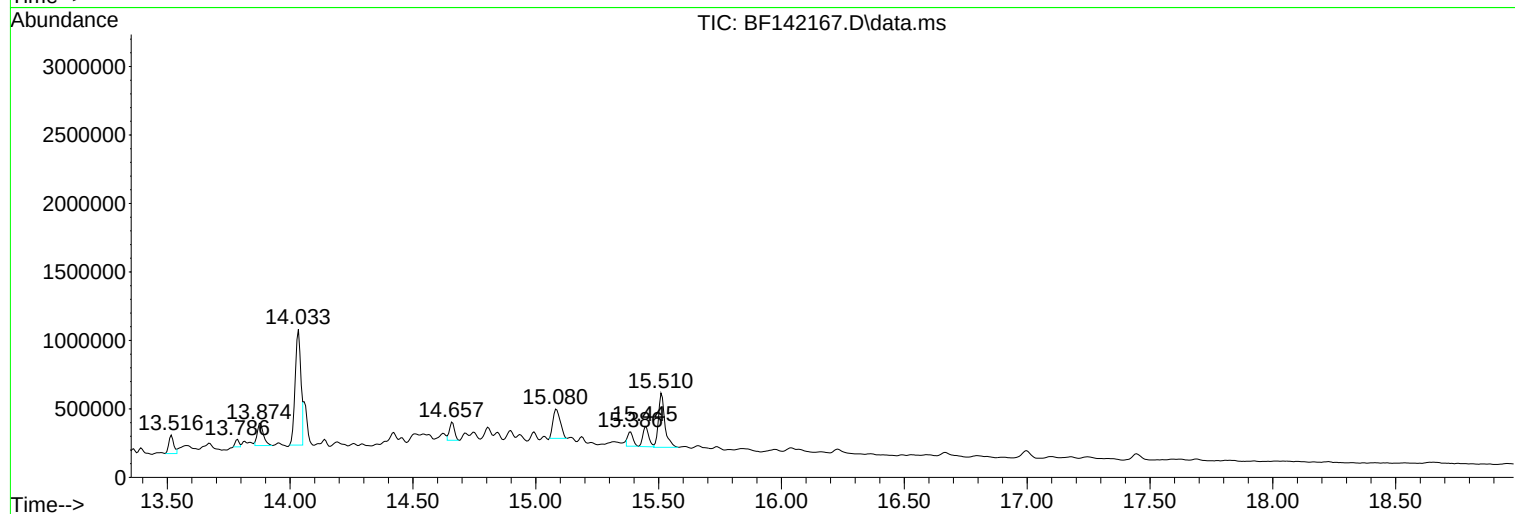
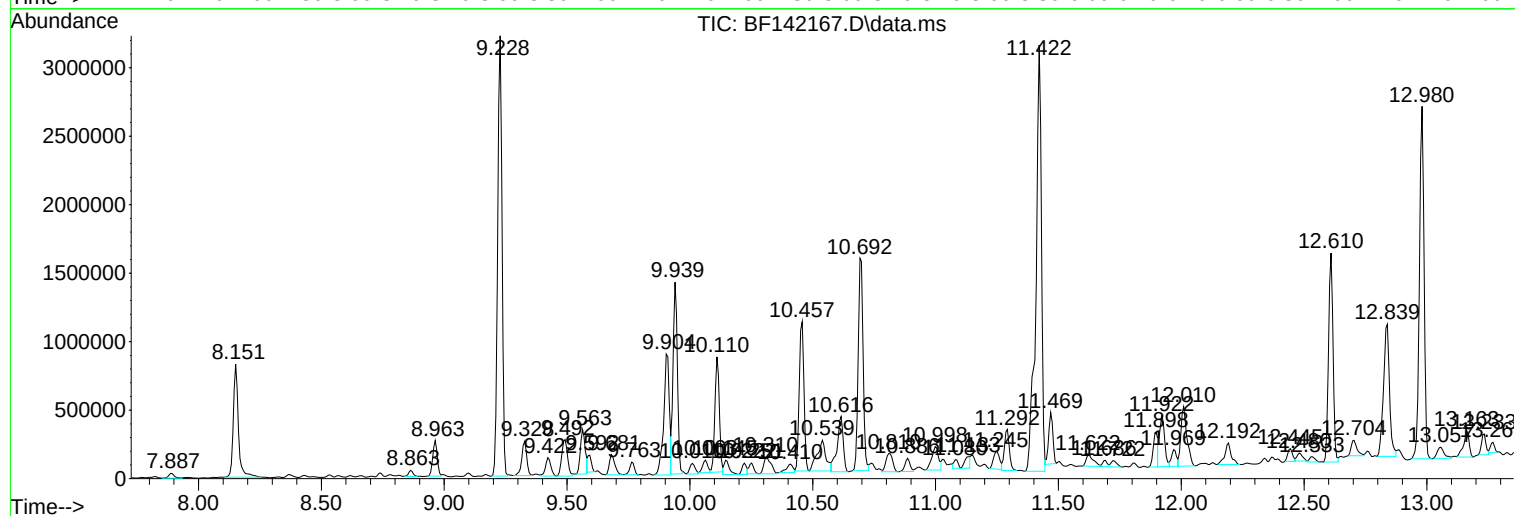
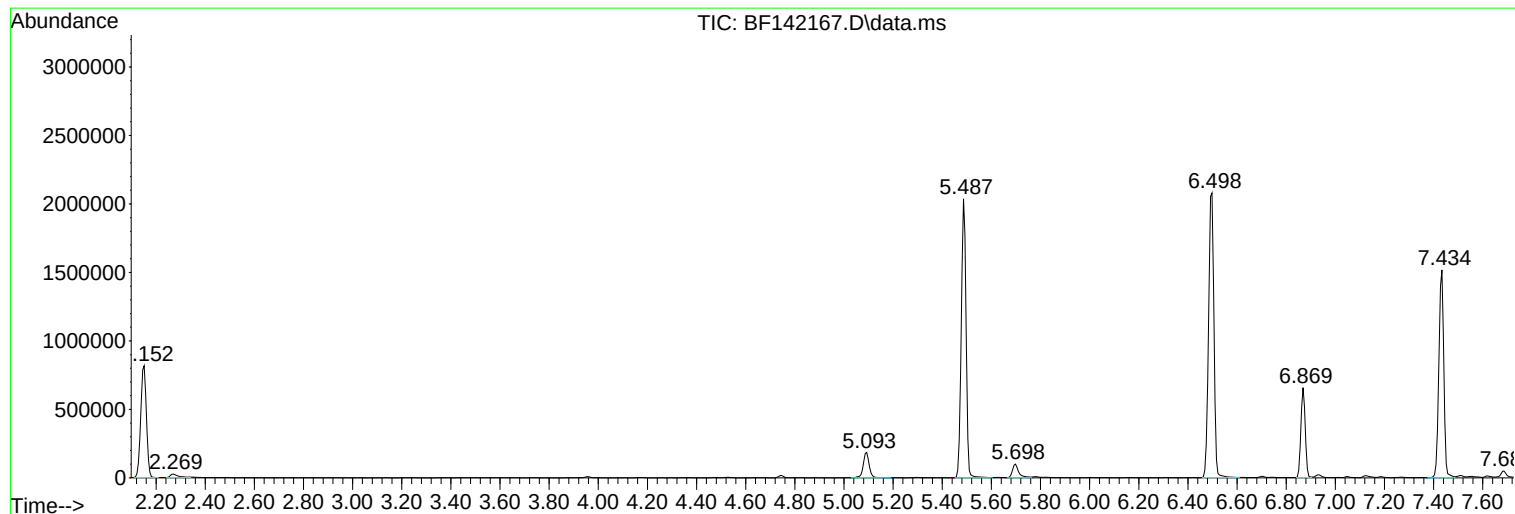
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BF142167.D
Acq On : 28 Mar 2025 18:33
Operator : RC/JU
Sample : Q1657-01
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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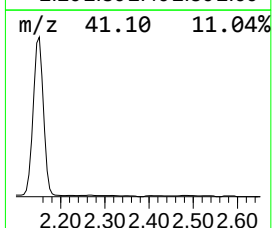
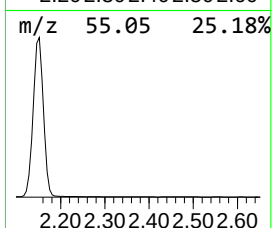
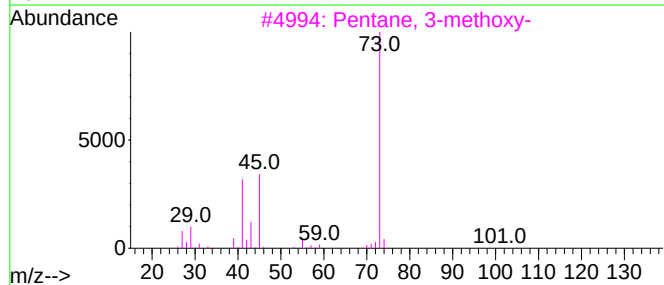
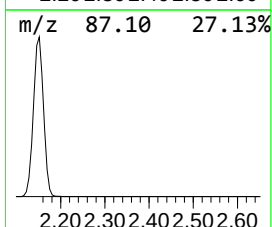
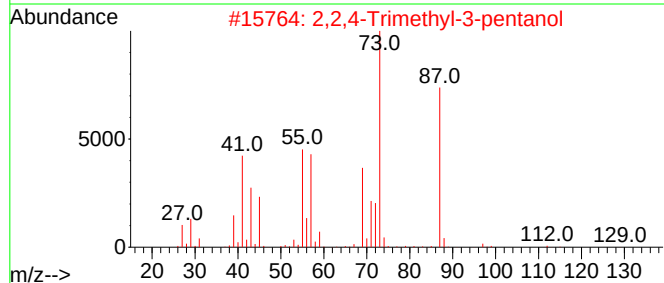
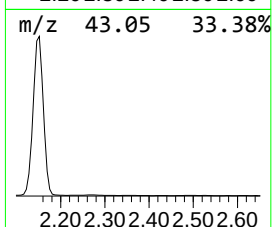
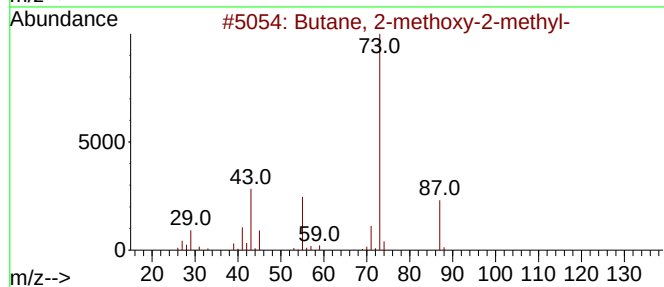
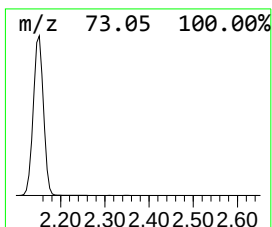
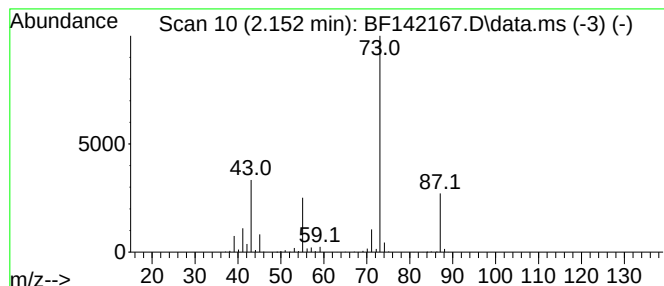
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.152	32.45 ng	1309890	1,4-Dichlorobenzene-d4	6.869

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			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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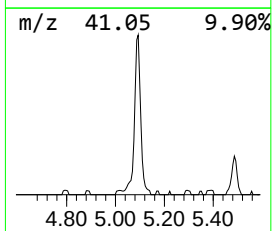
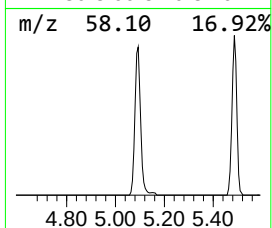
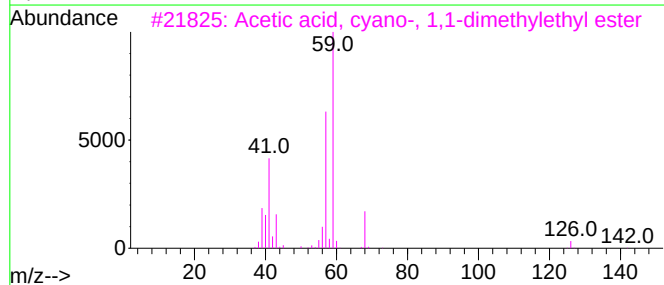
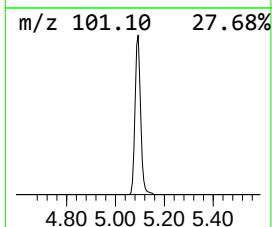
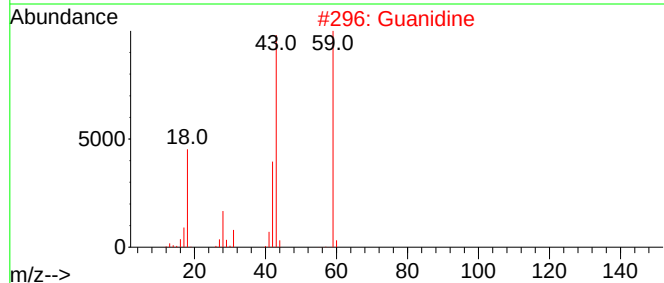
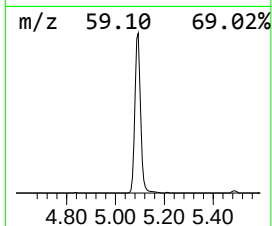
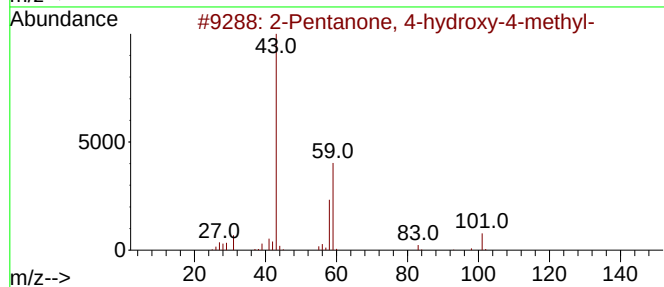
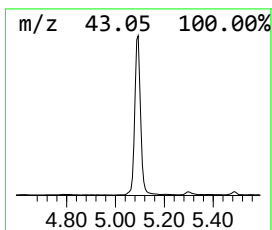
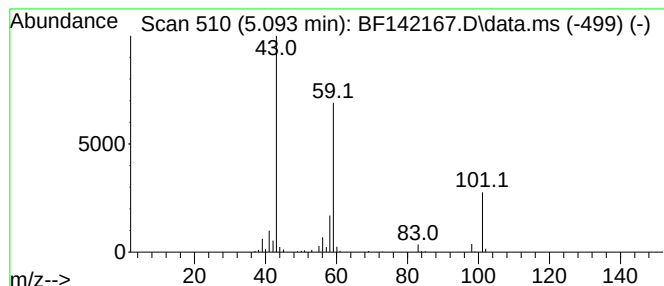
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	7.72 ng	311703	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	Guanidine	59	CH5N3	000113-00-8	43		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9		
5	Acetone	58	C3H6O	000067-64-1	9		



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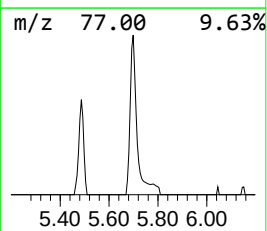
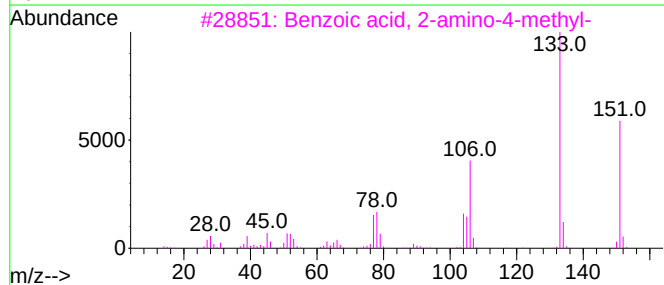
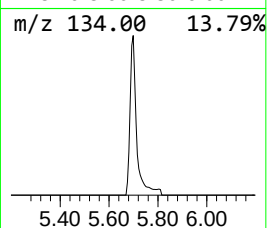
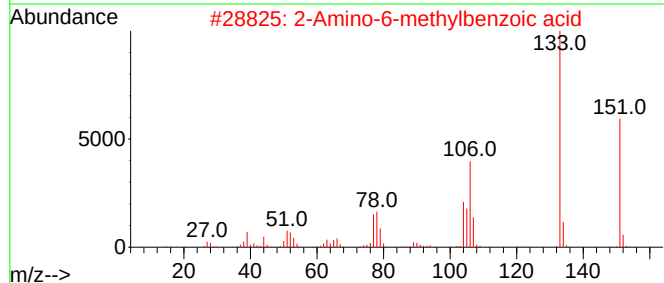
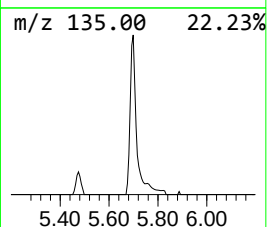
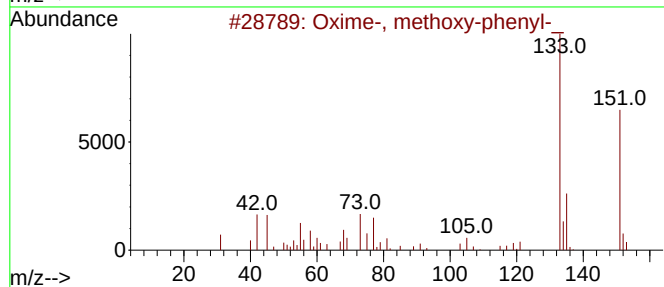
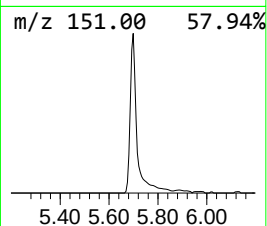
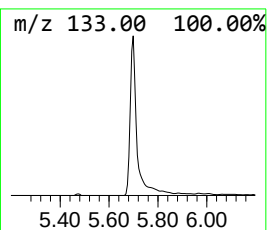
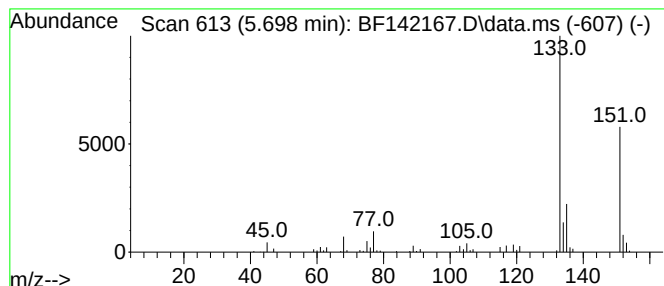
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Peak Number 3 Oxime-, methoxy-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.698	4.30 ng	173473	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxime-, methoxy-phenyl-	151	C8H9NO2	1000222-86-6	62
2			2-Amino-6-methylbenzoic acid	151	C8H9NO2	004389-50-8	59
3			Benzoic acid, 2-amino-4-methyl-	151	C8H9NO2	002305-36-4	59
4			4-Ethylbenzoic acid, 2-butyl ester	206	C13H18O2	1000293-31-8	56
5			4-Propyl-3-thiosemicarbazide	133	C4H11N3S	013431-35-1	43



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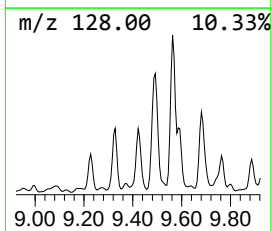
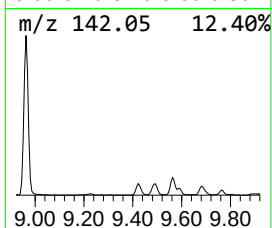
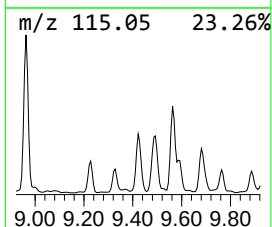
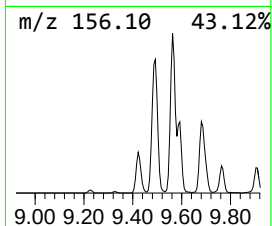
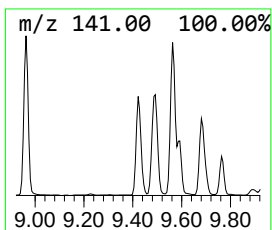
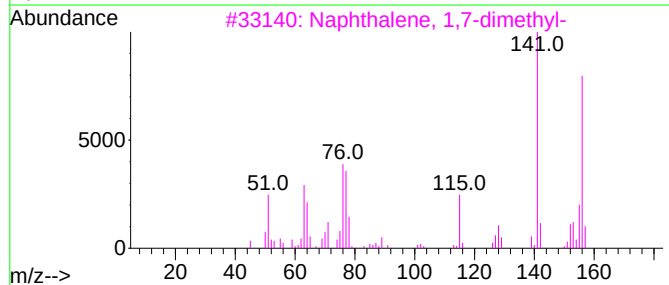
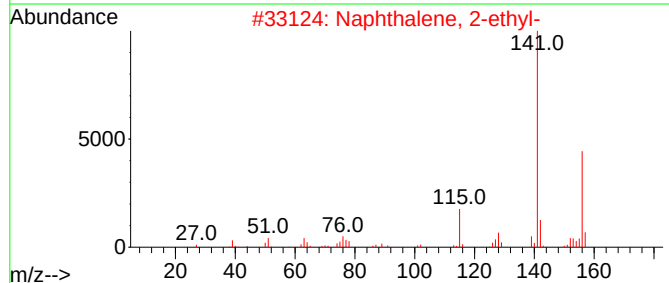
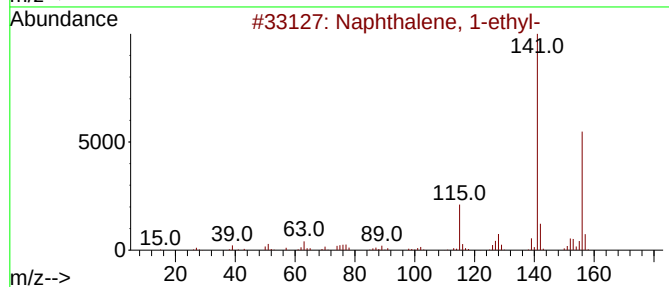
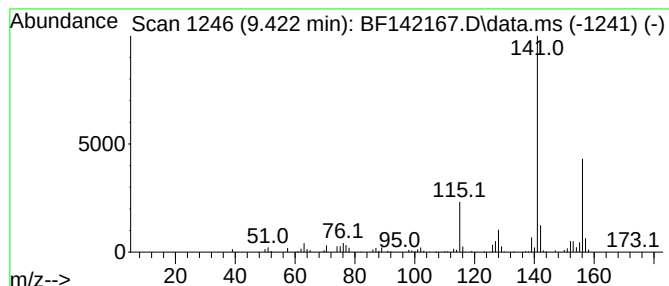
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.422	2.90 ng	202045	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78
4			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	53



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Acq On : 28 Mar 2025 18:33
Operator : RC/JU
Sample : Q1657-01
Misc :
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Instrument :
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ClientSampleId :
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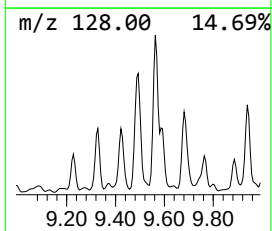
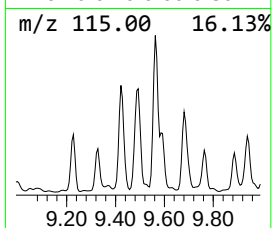
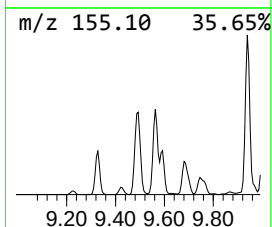
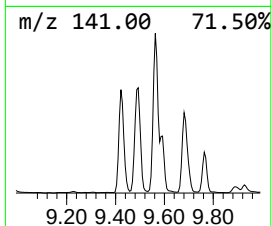
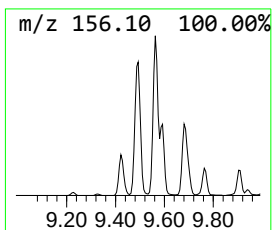
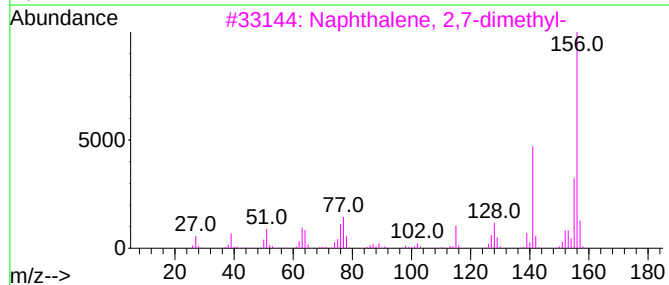
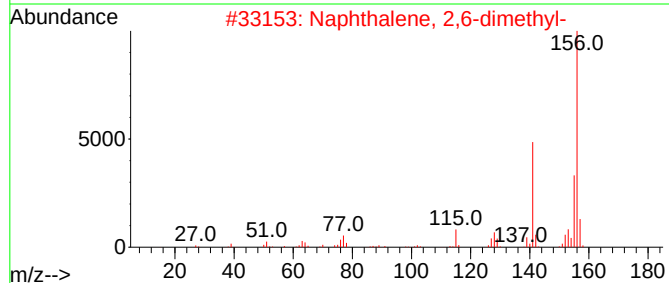
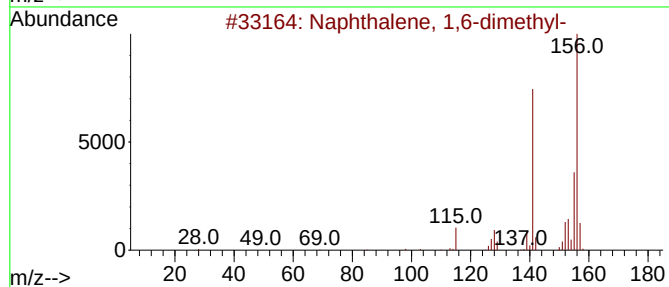
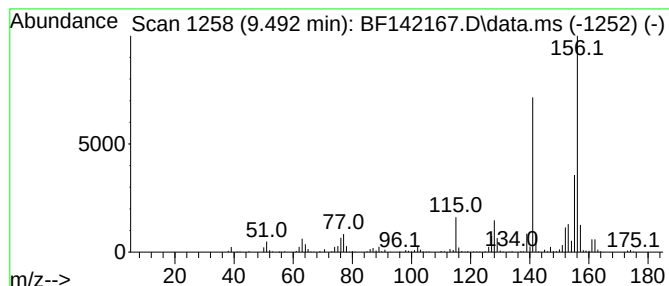
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	6.30 ng	438542	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



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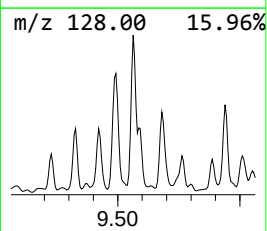
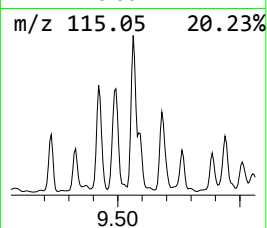
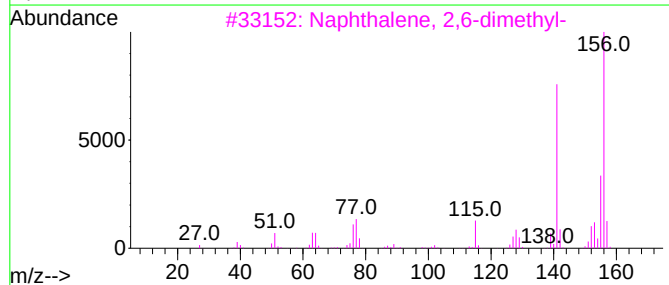
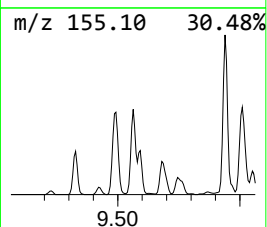
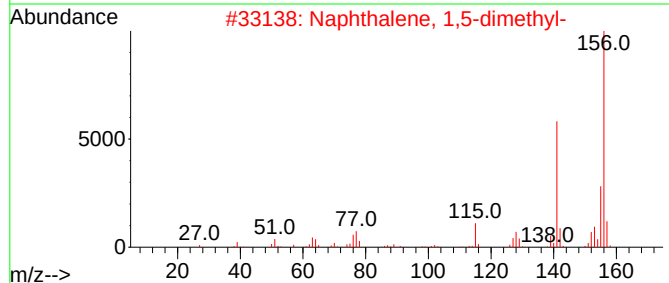
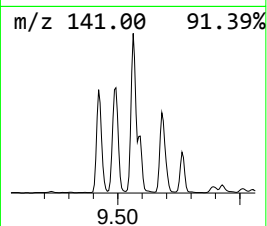
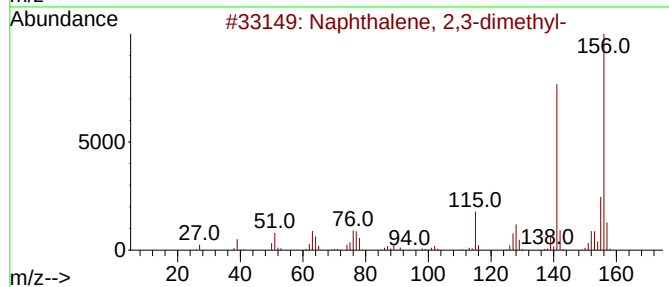
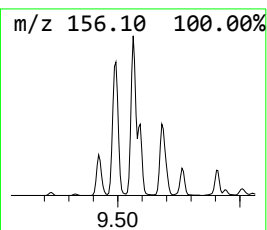
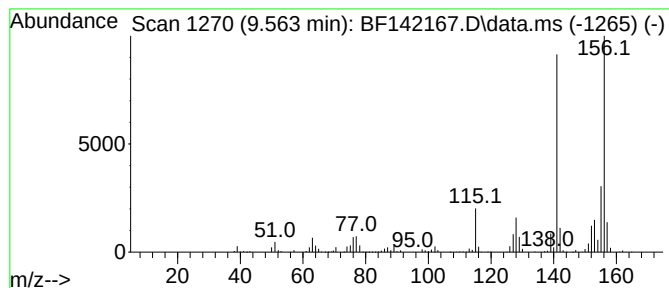
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	6.45 ng	448436	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142167.D
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Operator : RC/JU
Sample : Q1657-01
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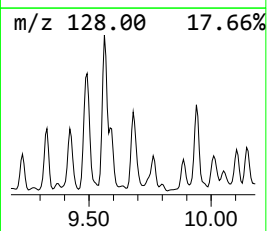
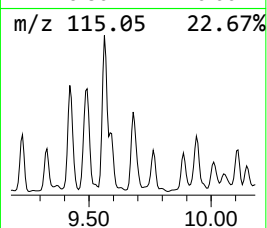
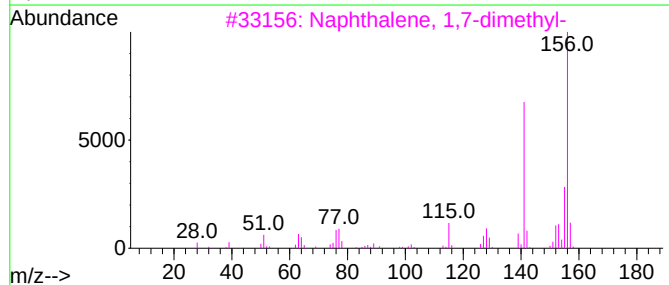
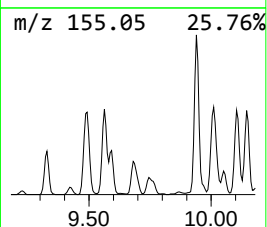
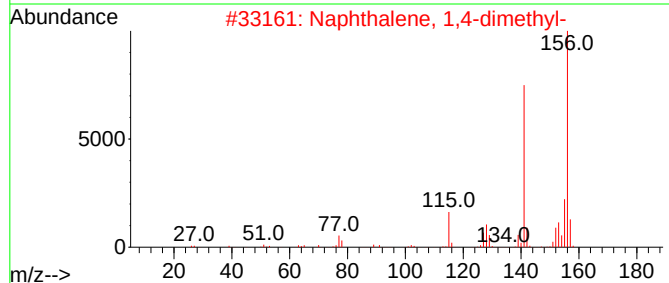
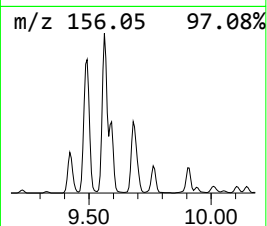
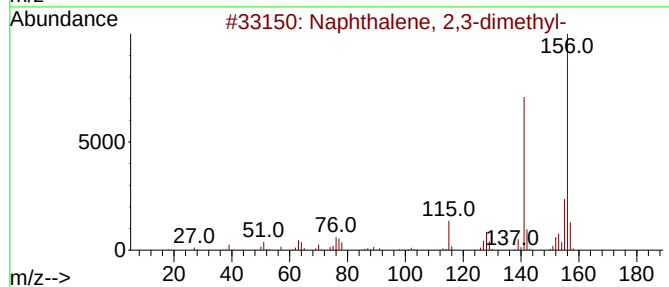
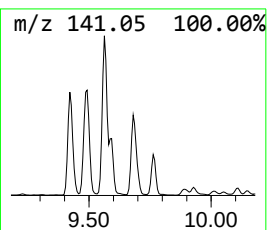
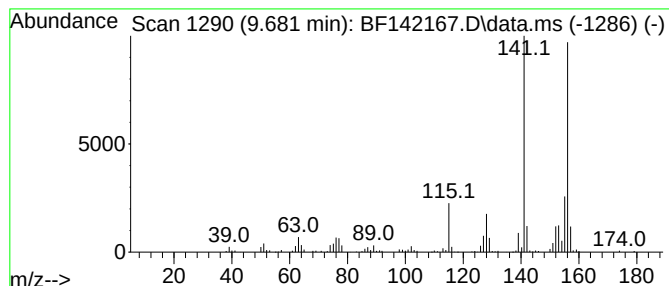
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.681	3.29 ng	228802	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
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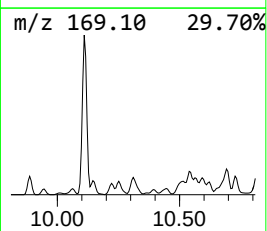
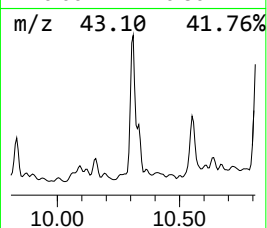
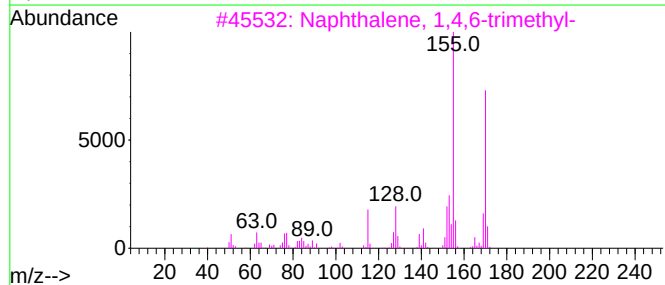
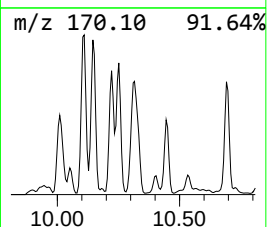
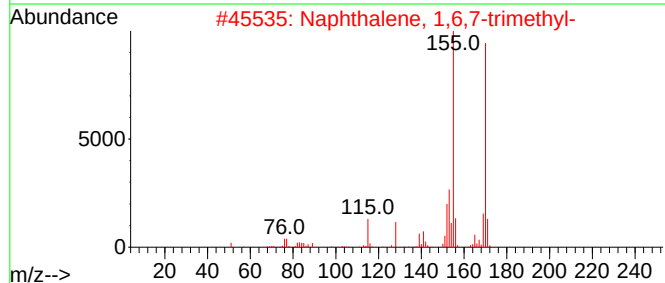
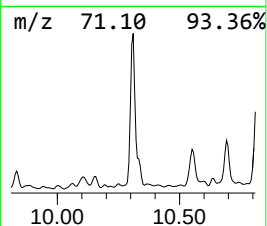
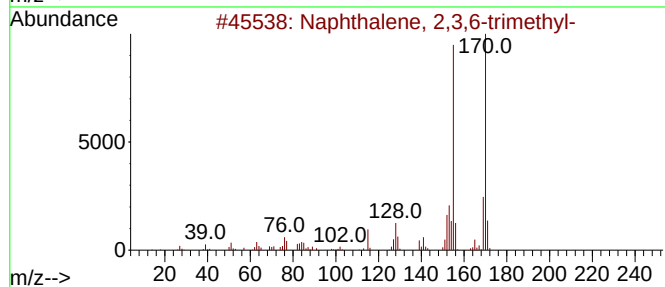
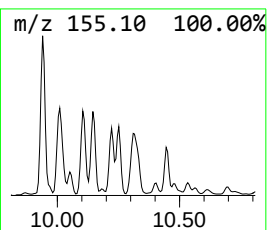
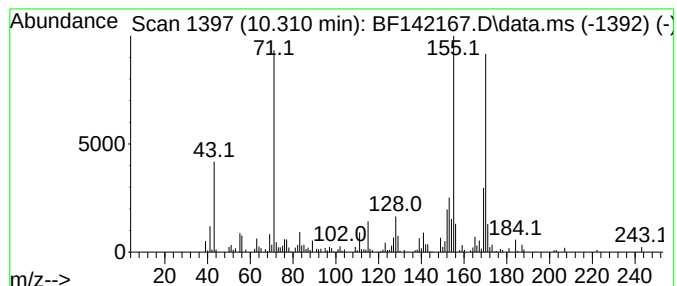
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.310	3.60 ng	250743	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91



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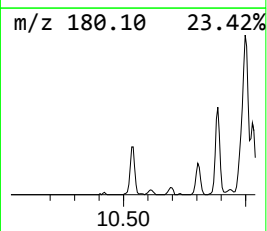
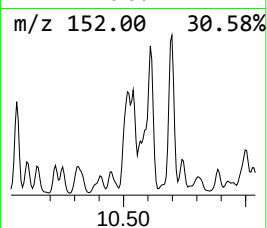
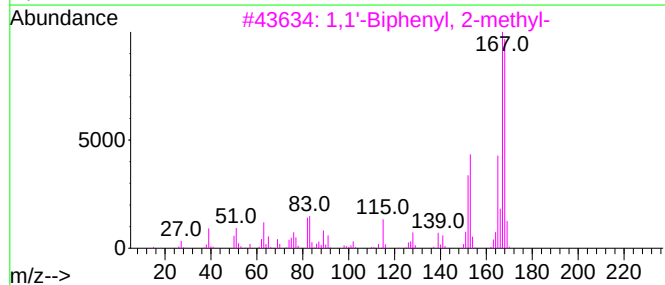
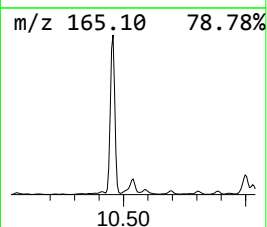
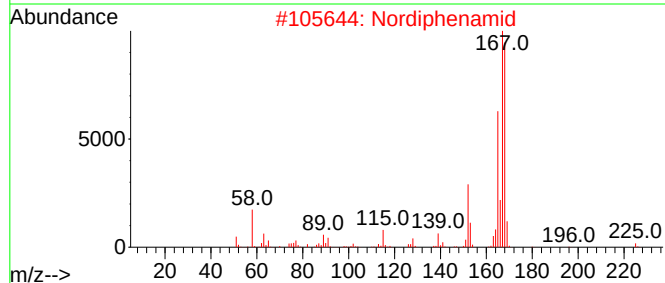
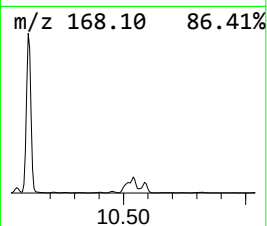
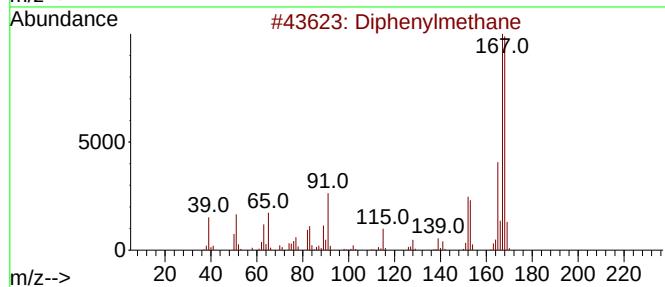
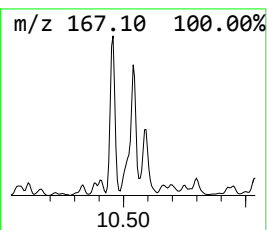
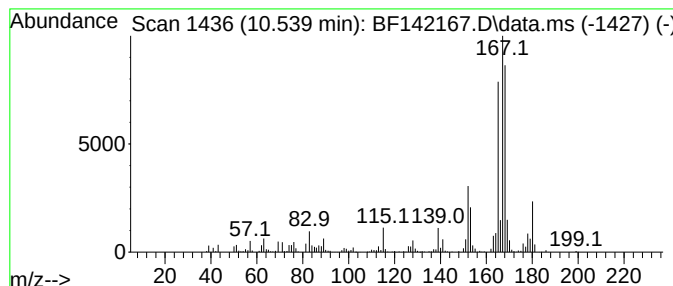
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Diphenylmethane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	8.22 ng	572101	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diphenylmethane	168	C13H12	000101-81-5	83
2			Nordiphenamid	225	C15H15NO	000954-21-2	80
3			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	78
4			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55
5			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	55



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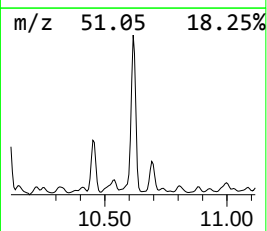
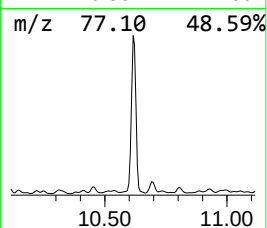
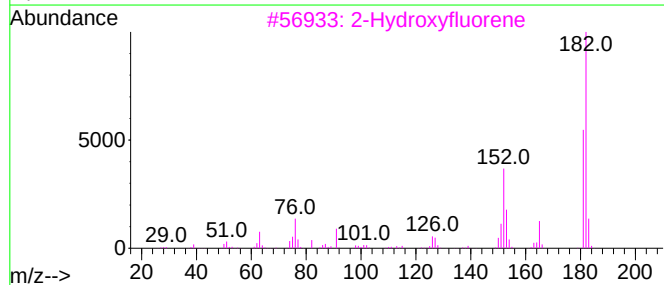
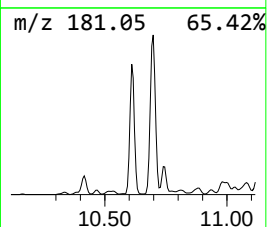
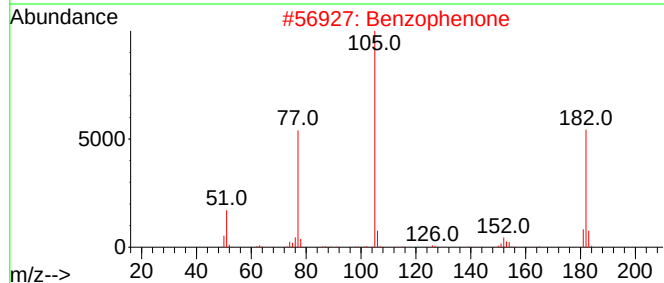
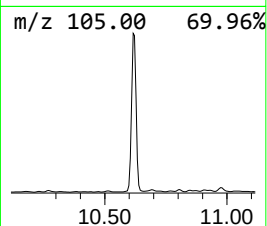
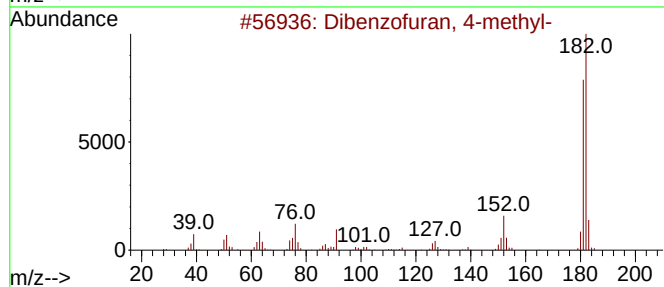
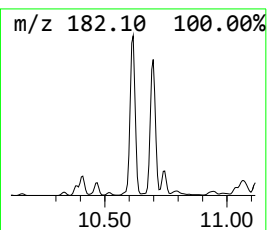
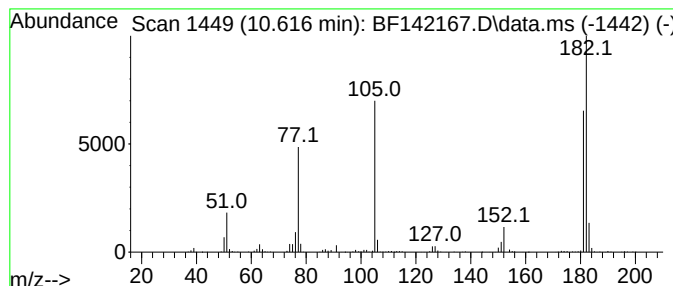
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Dibenzofuran, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	9.99 ng	694853	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	68
2		Benzophenone	182	C13H10O	000119-61-9	64
3		2-Hydroxyfluorene	182	C13H10O	002443-58-5	64
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	52
5		Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142167.D
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ALS Vial : 18 Sample Multiplier: 1

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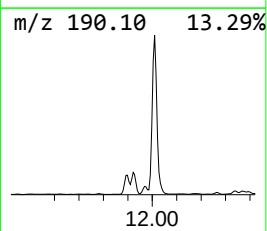
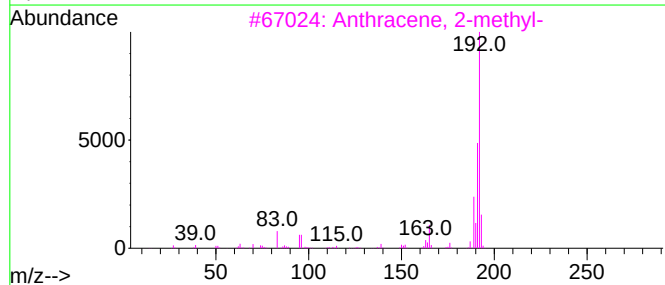
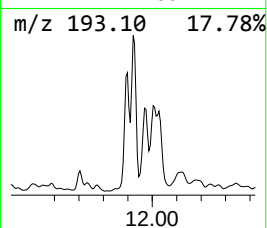
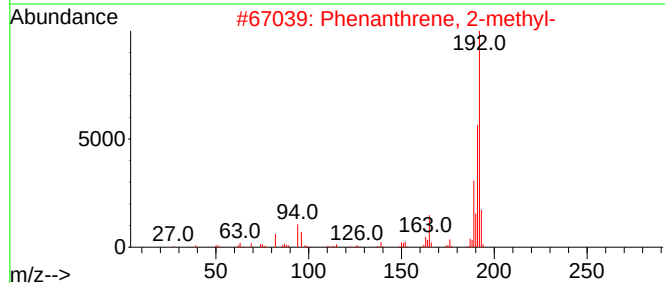
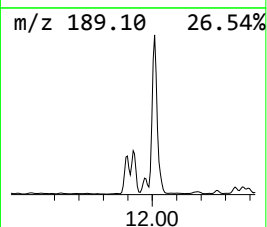
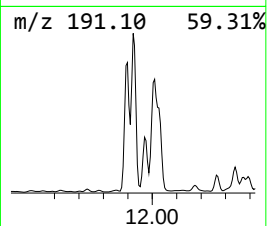
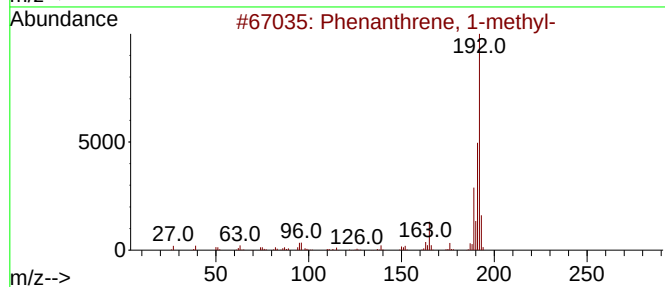
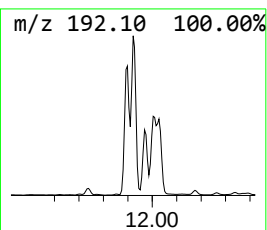
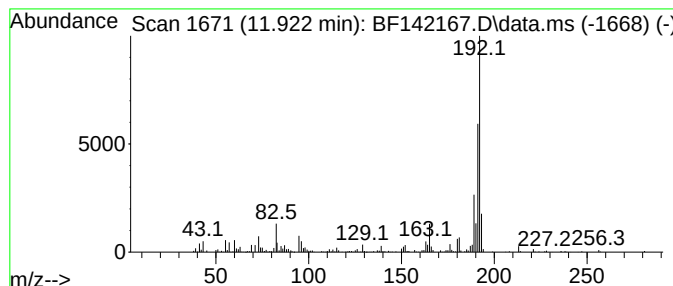
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	2.17 ng	538033	Phenanthrene-d10	11.392

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142167.D
Acq On : 28 Mar 2025 18:33
Operator : RC/JU
Sample : Q1657-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
72-11998

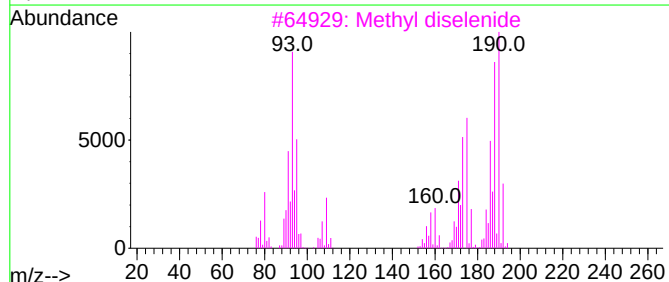
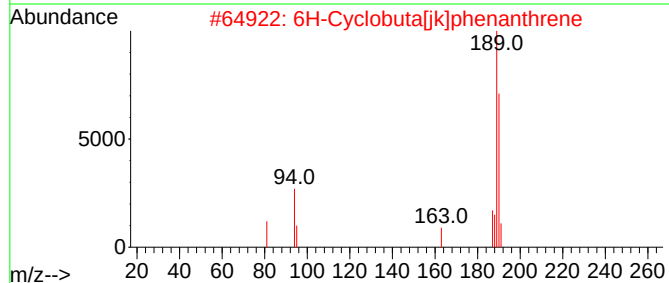
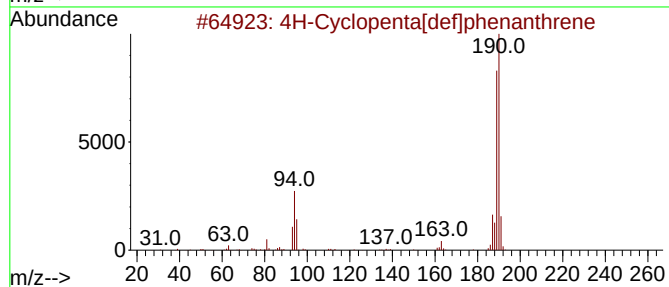
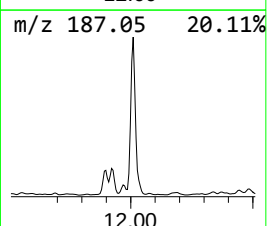
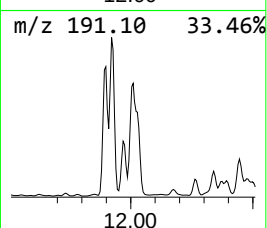
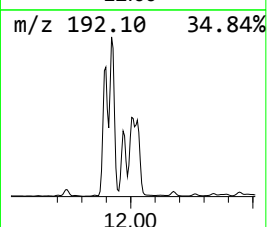
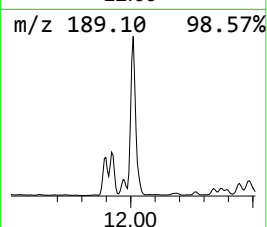
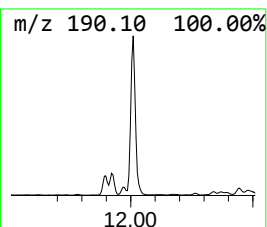
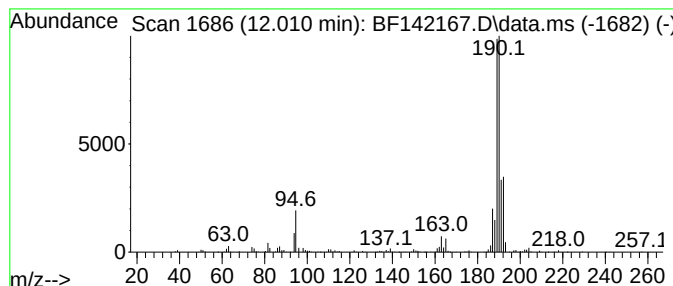
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	2.97 ng	735797	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3			Methyl diselenide	190	C2H6Se2	007101-31-7	55
4			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
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Sample : Q1657-01
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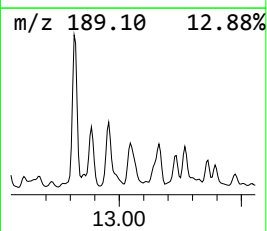
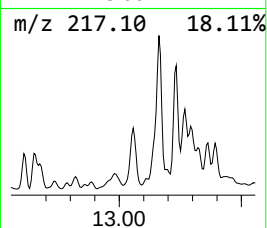
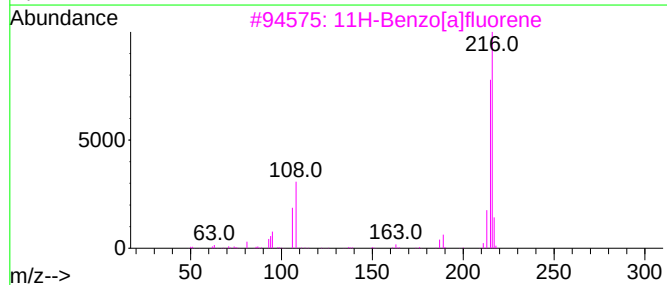
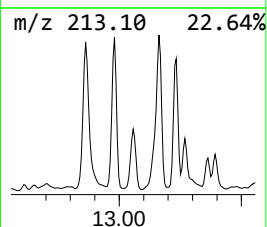
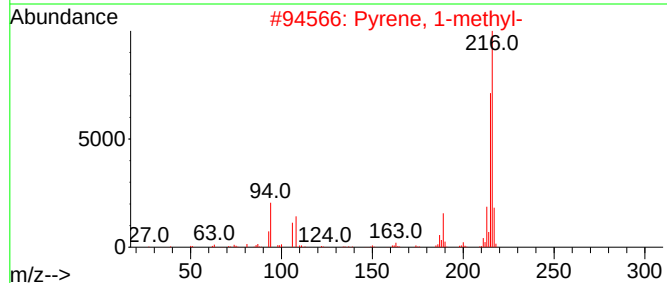
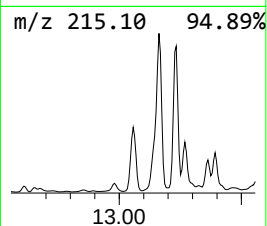
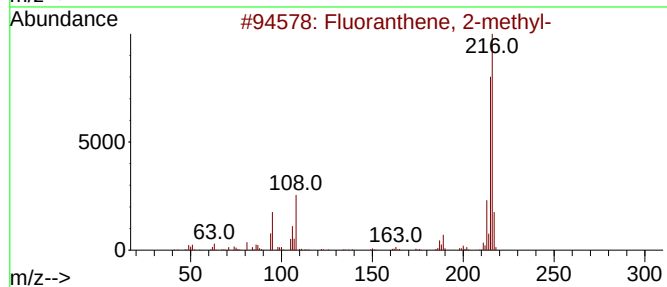
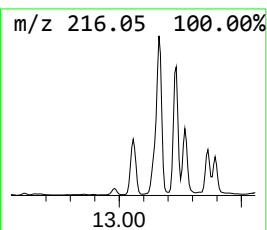
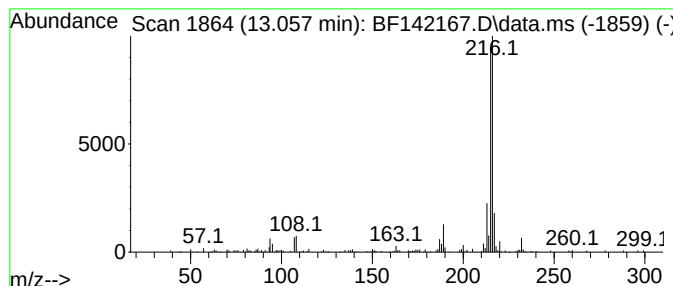
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	2.22 ng	157027	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142167.D
Acq On : 28 Mar 2025 18:33
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Sample : Q1657-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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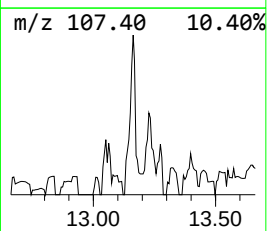
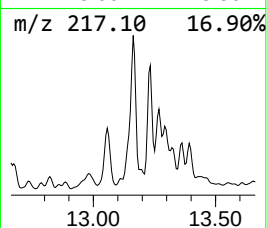
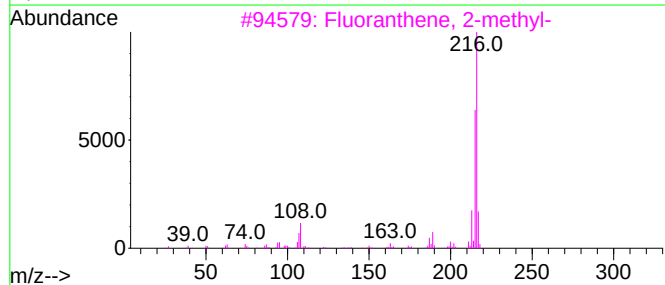
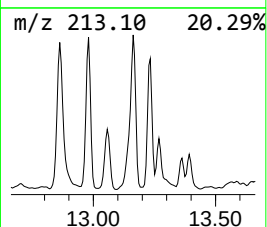
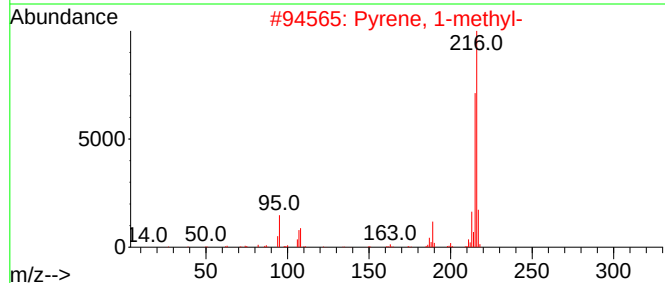
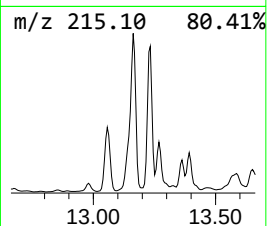
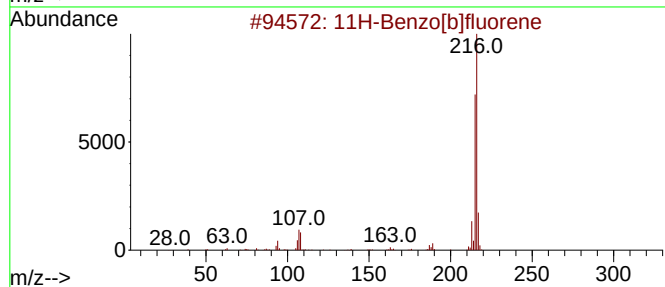
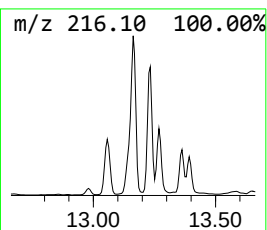
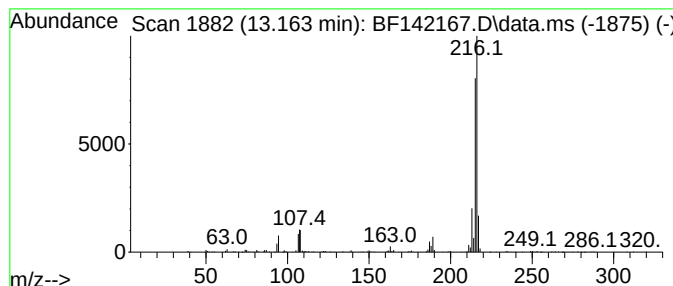
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	4.21 ng	297431	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
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Sample : Q1657-01
Misc :
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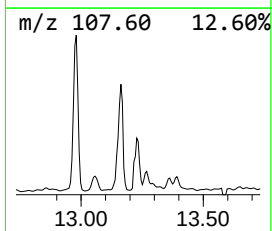
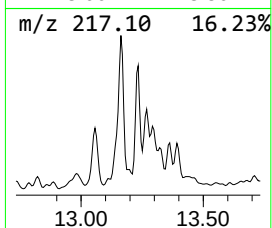
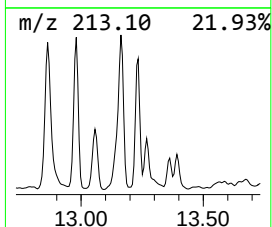
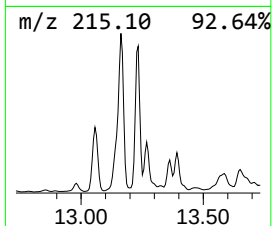
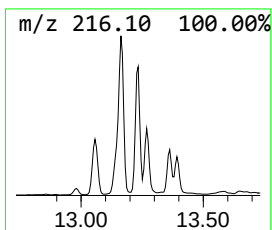
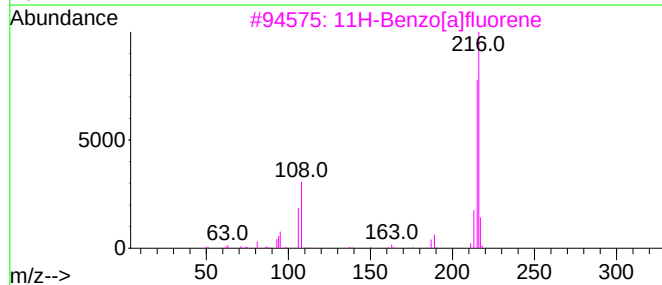
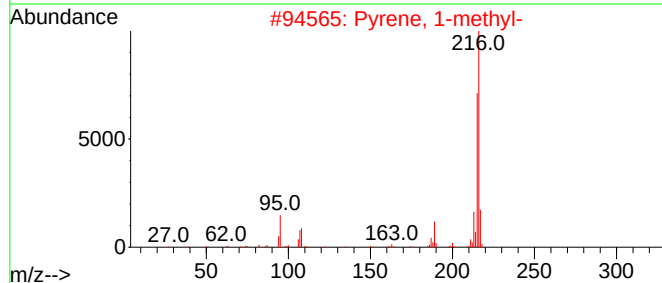
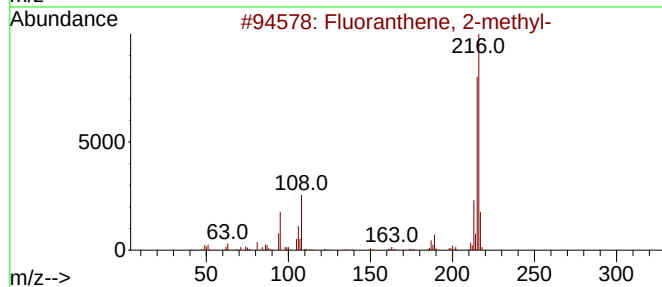
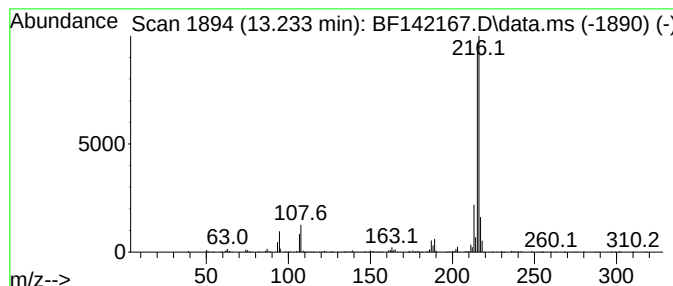
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.233	2.78 ng	196402	Chrysene-d12	14.033	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142167.D
Acq On : 28 Mar 2025 18:33
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Misc :
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Instrument :
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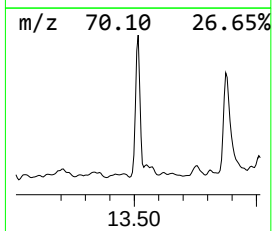
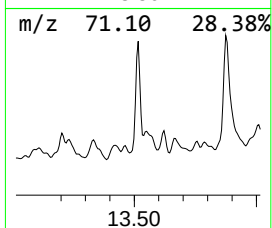
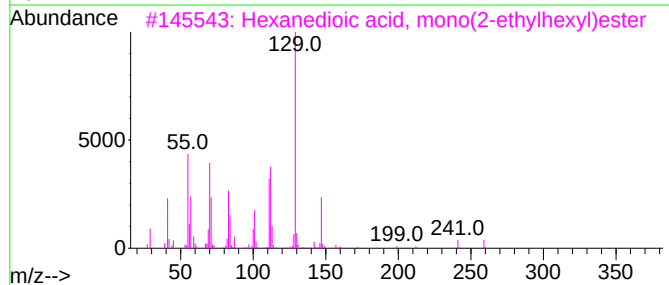
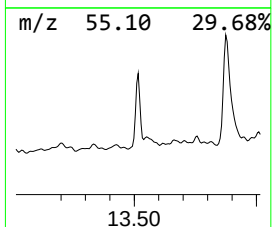
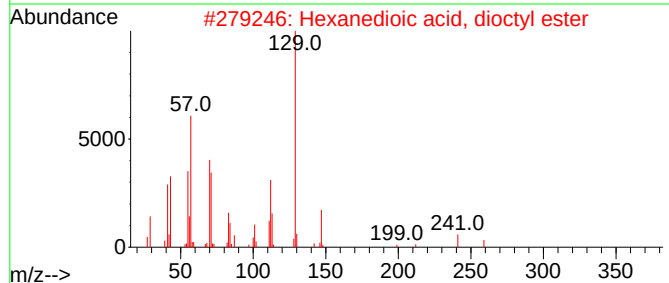
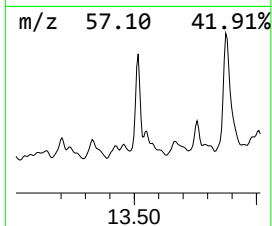
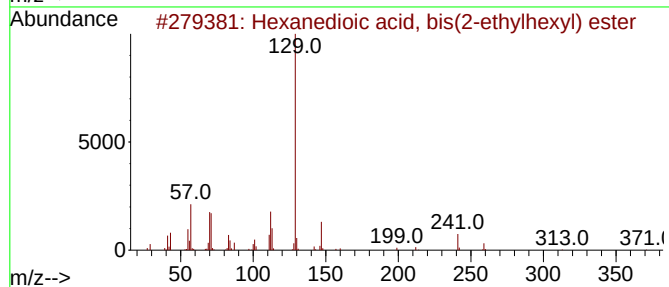
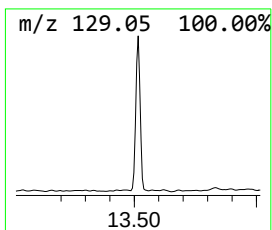
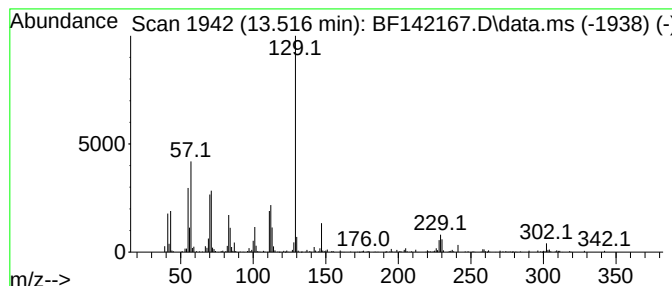
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexanedioic acid, bis(2-eth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.516	2.71 ng	191435	Chrysene-d12	14.033

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
2		Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	70
3		Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	58
4		Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1010324-48-0	53
5		Adipic acid, isohexyl 3-pentyl e...	300	C17H32O4	1000324-60-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
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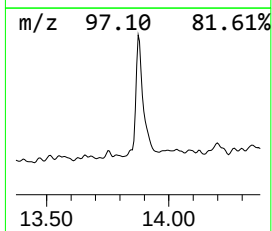
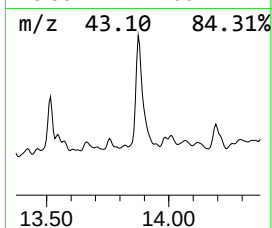
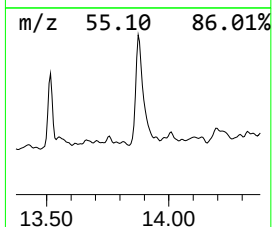
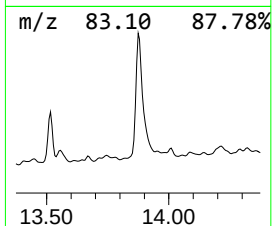
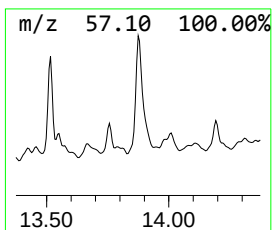
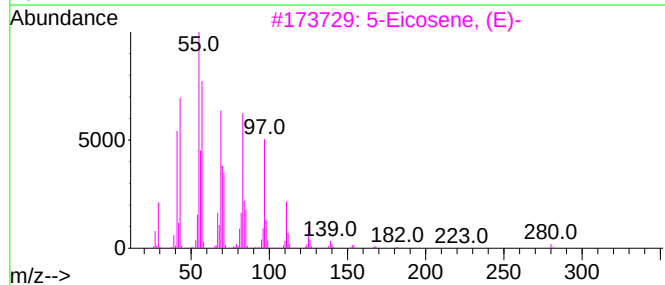
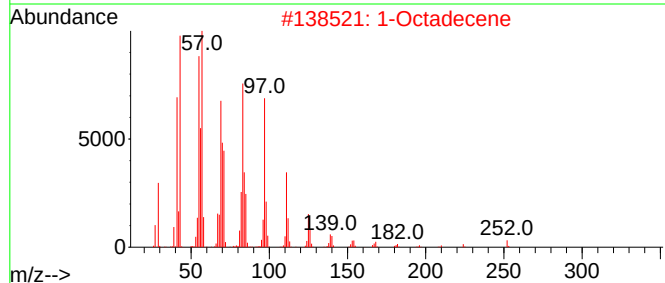
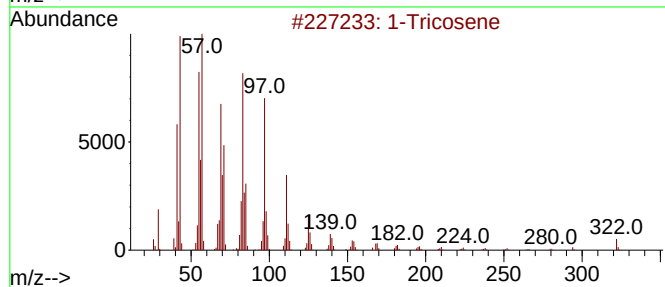
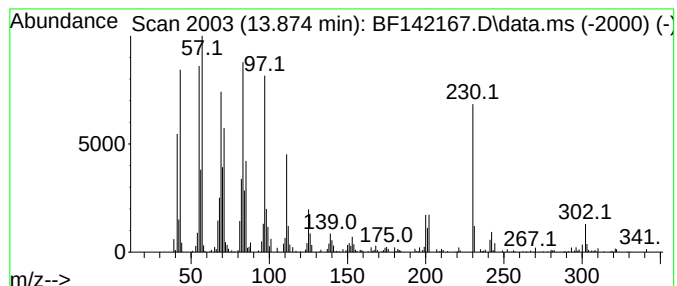
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 1-Tricosene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	3.93 ng	277799	Chrysene-d12	14.033

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene		322	C23H46	018835-32-0	98
2	1-Octadecene		252	C18H36	000112-88-9	97
3	5-Eicosene, (E)-		280	C20H40	074685-30-6	95
4	9-Tricosene, (Z)-		322	C23H46	027519-02-4	93
5	1-Hexacosene		364	C26H52	018835-33-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142167.D
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Sample : Q1657-01
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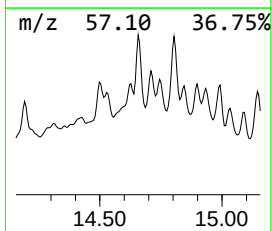
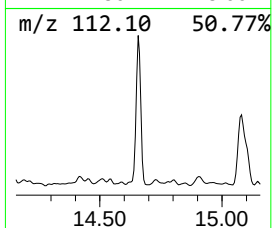
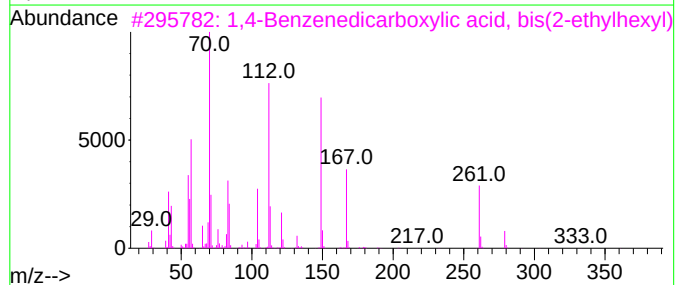
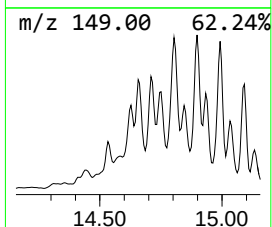
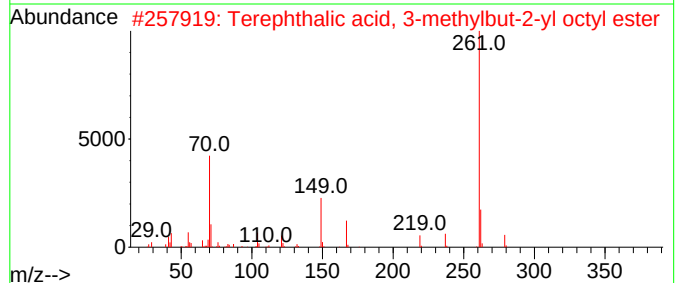
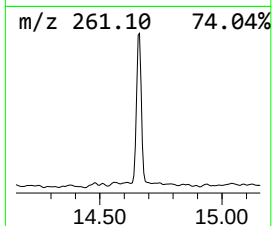
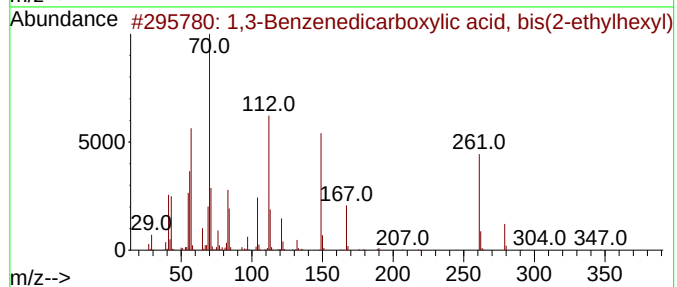
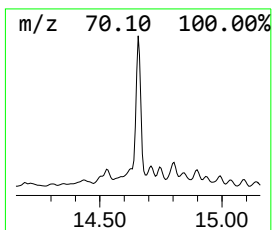
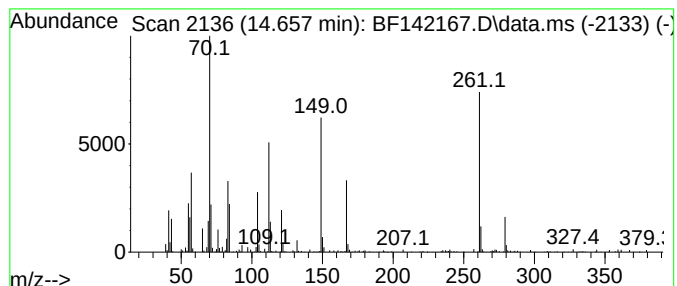
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,3-Benzenedicarboxylic aci... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.657	2.62 ng	184959	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Benzenedicarboxylic acid, bi...	390	C24H3804	000137-89-3	62
2			Terephthalic acid, 3-methylbut-2...	348	C21H3204	1000356-27-6	53
3			1,4-Benzenedicarboxylic acid, bi...	390	C24H3804	006422-86-2	53
4			Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	50
5			Isophthalic acid, di(4-octyl) ester	390	C24H3804	1000344-04-3	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142167.D
Acq On : 28 Mar 2025 18:33
Operator : RC/JU
Sample : Q1657-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11998

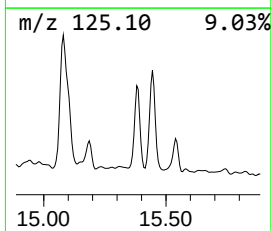
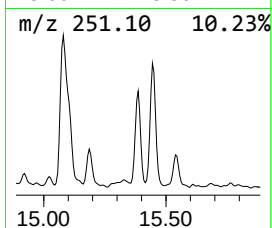
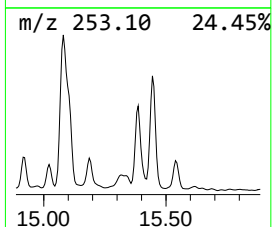
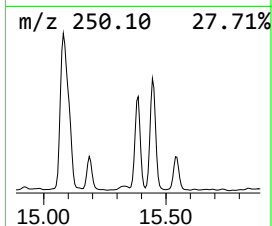
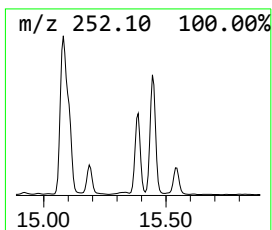
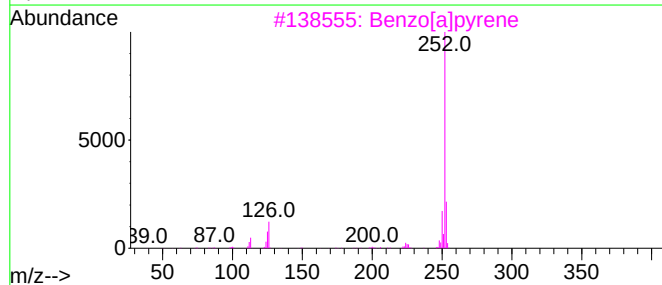
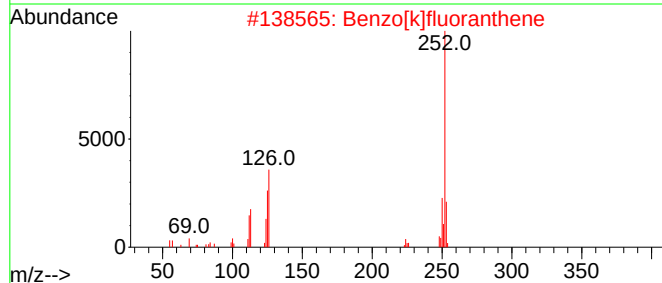
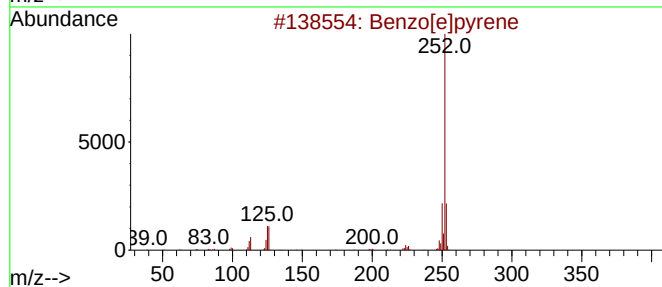
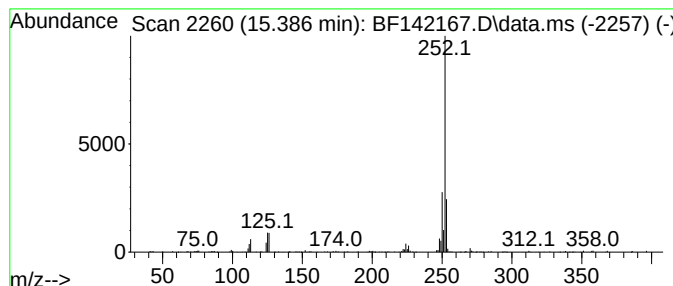
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	4.23 ng	151659	Perylene-d12	15.510

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3		Benzo[a]pyrene	252	C20H12	000050-32-8	91
4		Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
 Data File : BF142167.D
 Acq On : 28 Mar 2025 18:33
 Operator : RC/JU
 Sample : Q1657-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11998

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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...	2.152	32.5	ng	1309890	1	6.869	807260	20.0
2-Pentanone, 4-...	5.093	7.7	ng	311703	1	6.869	807260	20.0
Oxime-, methoxy...	5.698	4.3	ng	173473	1	6.869	807260	20.0
Naphthalene, 1-...	9.422	2.9	ng	202045	3	9.910	1391440	20.0
Naphthalene, 1,...	9.492	6.3	ng	438542	3	9.910	1391440	20.0
Naphthalene, 2,...	9.563	6.5	ng	448436	3	9.910	1391440	20.0
Naphthalene, 1,...	9.681	3.3	ng	228802	3	9.910	1391440	20.0
Naphthalene, 2,...	10.310	3.6	ng	250743	3	9.910	1391440	20.0
Diphenylmethane	10.539	8.2	ng	572101	3	9.910	1391440	20.0
Dibenzofuran, 4...	10.616	10.0	ng	694853	3	9.910	1391440	20.0
Phenanthrene, 1...	11.922	2.2	ng	538033	4	11.392	4951940	20.0
4H-Cyclopenta[d...	12.010	3.0	ng	735797	4	11.392	4951940	20.0
Fluoranthene, 2...	13.057	2.2	ng	157027	5	14.033	1412670	20.0
11H-Benzo[b]flu...	13.163	4.2	ng	297431	5	14.033	1412670	20.0
Pyrene, 1-methyl-	13.233	2.8	ng	196402	5	14.033	1412670	20.0
Hexanedioic aci...	13.516	2.7	ng	191435	5	14.033	1412670	20.0
1-Tricosene	13.874	3.9	ng	277799	5	14.033	1412670	20.0
1,3-Benzenedica...	14.657	2.6	ng	184959	5	14.033	1412670	20.0
Benzo[e]pyrene	15.386	4.2	ng	151659	6	15.510	717876	20.0