

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143969.D
 Acq On : 15 Oct 2025 23:18
 Operator : RC/JU
 Sample : Q3337-01MSD 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAYDOWN-YARD-1MSD

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 1 % 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-BF100625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143969.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.658	73	79	87	rBV	145901	244252	7.19%	0.372%
2	3.363	190	199	205	rBV	181711	369221	10.88%	0.562%
3	3.428	205	210	231	rVB	295633	657150	19.36%	1.000%
4	3.963	293	301	309	rBV	111267	183060	5.39%	0.279%
5	4.616	408	412	417	rVB	31813	44801	1.32%	0.068%
6	5.051	478	486	489	rBV	24306	37620	1.11%	0.057%
7	5.093	489	493	503	rVB	70063	103885	3.06%	0.158%
8	5.499	556	562	583	rBV	974592	1288482	37.95%	1.960%
9	6.163	670	675	680	rVB	214665	267669	7.88%	0.407%
10	6.434	715	721	728	rBV	362333	455579	13.42%	0.693%
11	6.510	728	734	739	rBV2	1161267	2127655	62.67%	3.237%
12	6.546	739	740	744	rVV	338321	327412	9.64%	0.498%
13	6.587	744	747	748	rVV	114775	131336	3.87%	0.200%
14	6.616	748	752	756	rVV	457078	593389	17.48%	0.903%
15	6.669	756	761	766	rVB	526513	669098	19.71%	1.018%
16	6.822	782	787	792	rVB	641763	794939	23.41%	1.210%
17	6.887	792	798	805	rBV2	874974	1790992	52.75%	2.725%
18	7.022	813	821	824	rBV	626112	893588	26.32%	1.360%
19	7.051	824	826	831	rVV	636425	719907	21.20%	1.095%
20	7.134	835	840	842	rVV	638565	948350	27.93%	1.443%
21	7.157	842	844	850	rVB	641818	746093	21.98%	1.135%
22	7.287	860	866	879	rBV	1628856	2192990	64.59%	3.337%
23	7.398	879	885	888	rVV	407547	514412	15.15%	0.783%
24	7.445	888	893	903	rVB2	618695	1354644	39.90%	2.061%
25	7.563	908	913	921	rBV	141320	193873	5.71%	0.295%
26	7.698	931	936	945	rVB	647793	821732	24.20%	1.250%
27	7.781	945	950	952	rBV	348731	423845	12.48%	0.645%
28	7.816	952	956	962	rVB	618072	773440	22.78%	1.177%
29	7.910	962	972	986	rVB2	604331	963866	28.39%	1.467%
30	8.022	986	991	998	rBV	456737	614261	18.09%	0.935%
31	8.104	998	1005	1010	rVB	590457	777605	22.90%	1.183%
32	8.169	1010	1016	1018	rBV	931526	1412595	41.61%	2.149%
33	8.240	1024	1028	1035	rBV2	230227	421164	12.41%	0.641%
34	8.304	1035	1039	1044	rVB	551952	676130	19.92%	1.029%
35	8.581	1080	1086	1098	rVV	278855	470268	13.85%	0.716%
36	8.710	1103	1108	1120	rVV	453348	590370	17.39%	0.898%

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37	8.822	1120	1127	1132	rVV2	213913	311146	9.16%	0.473%
38	8.881	1132	1137	1142	rVV	685877	875188	25.78%	1.332%
39	8.934	1142	1146	1149	rVV	119811	164736	4.85%	0.251%
40	8.981	1149	1154	1159	rVV	692772	907637	26.73%	1.381%
41	9.045	1159	1165	1173	rVB	602534	786446	23.16%	1.197%
42	9.157	1179	1184	1188	rBV2	471374	717326	21.13%	1.091%
43	9.198	1188	1191	1194	rVV	396987	502792	14.81%	0.765%
44	9.239	1194	1198	1203	rVB	970695	1189698	35.04%	1.810%
45	9.345	1208	1216	1218	rBV	805981	1163578	34.27%	1.770%
46	9.369	1218	1220	1228	rVB	650025	677275	19.95%	1.030%
47	9.463	1228	1236	1241	rBV	374471	475267	14.00%	0.723%
48	9.604	1251	1260	1262	rBV	218817	302063	8.90%	0.460%
49	9.639	1262	1266	1269	rVV	508008	587751	17.31%	0.894%
50	9.675	1269	1272	1274	rVV	199838	235622	6.94%	0.359%
51	9.704	1274	1277	1281	rVB	348038	420853	12.40%	0.640%
52	9.757	1281	1286	1288	rBV	217292	296874	8.74%	0.452%
53	9.786	1288	1291	1296	rVB	675256	808082	23.80%	1.230%
54	9.875	1296	1306	1310	rBV	283541	400109	11.79%	0.609%
55	9.928	1310	1315	1317	rBV	803907	1043218	30.73%	1.587%
56	9.957	1317	1320	1328	rVB	725900	893861	26.33%	1.360%
57	10.028	1328	1332	1337	rBV	376786	554824	16.34%	0.844%
58	10.128	1342	1349	1354	rVB2	613597	1103128	32.49%	1.678%
59	10.204	1357	1362	1366	rBV	350523	439745	12.95%	0.669%
60	10.245	1366	1369	1379	rVB	374053	477022	14.05%	0.726%
61	10.339	1380	1385	1389	rBV	539015	701085	20.65%	1.067%
62	10.469	1401	1407	1413	rBV4	1088786	1775495	52.30%	2.701%
63	10.516	1413	1415	1421	rVV3	42043	63656	1.87%	0.097%
64	10.581	1421	1426	1430	rVV	692233	865056	25.48%	1.316%
65	10.628	1430	1434	1440	rVB	570120	815161	24.01%	1.240%
66	10.710	1443	1448	1459	rVV	448578	599038	17.64%	0.911%
67	10.839	1465	1470	1475	rVB4	28019	48842	1.44%	0.074%
68	10.957	1485	1490	1497	rVB	454786	573401	16.89%	0.872%
69	11.022	1497	1501	1507	rBV	453297	562754	16.58%	0.856%
70	11.110	1511	1516	1521	rVV	467842	606120	17.85%	0.922%
71	11.216	1529	1534	1540	rBV	531893	735163	21.65%	1.119%
72	11.275	1541	1544	1547	rVV2	34625	55241	1.63%	0.084%
73	11.310	1547	1550	1562	rVB2	32744	58857	1.73%	0.090%
74	11.416	1563	1568	1570	rBV	838079	1155275	34.03%	1.758%
75	11.439	1570	1572	1576	rVV	858035	950637	28.00%	1.446%
76	11.492	1576	1581	1592	rVB	737789	1000267	29.46%	1.522%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.645	1602	1607	1613	rBV	640599	808875	23.83%	1.231%
78	11.939	1650	1657	1659	rBV3	135627	211234	6.22%	0.321%
79	11.975	1659	1663	1669	rVV	635253	817602	24.08%	1.244%
80	12.028	1669	1672	1680	rVB	46052	97439	2.87%	0.148%
81	12.633	1770	1775	1780	rBV	947982	1192564	35.13%	1.815%
82	12.757	1792	1796	1799	rBV	126463	167098	4.92%	0.254%
83	12.863	1809	1814	1820	rBV	960370	1276131	37.59%	1.942%
84	13.004	1833	1838	1846	rVB	790020	1041153	30.67%	1.584%
85	13.480	1915	1919	1924	rBV	568754	684891	20.17%	1.042%
86	13.545	1925	1930	1934	rBV	713886	920378	27.11%	1.400%
87	14.045	2007	2015	2021	rBV4	1213752	3395012	100.00%	5.166%
88	14.092	2021	2023	2030	rVB	722847	825723	24.32%	1.256%
89	14.657	2115	2119	2128	rVB	583756	794984	23.42%	1.210%
90	15.116	2193	2197	2200	rBV	428598	692917	20.41%	1.054%
91	15.492	2257	2261	2267	rVB	377870	597719	17.61%	0.909%
92	15.557	2268	2272	2282	rVB	403278	703928	20.73%	1.071%

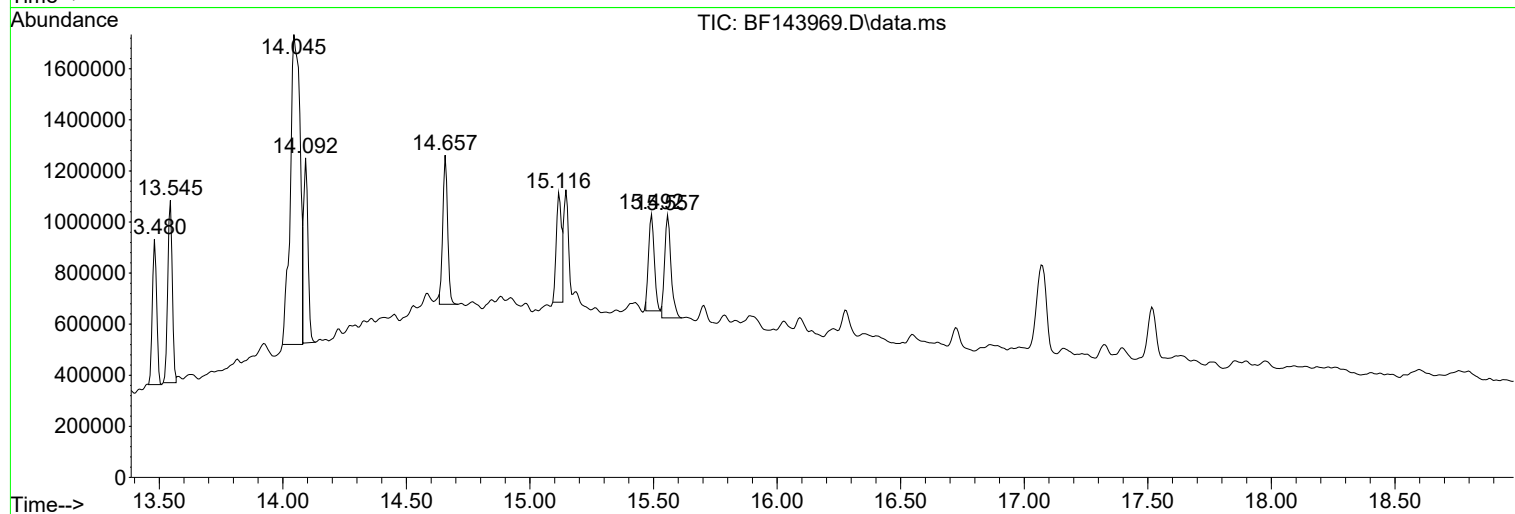
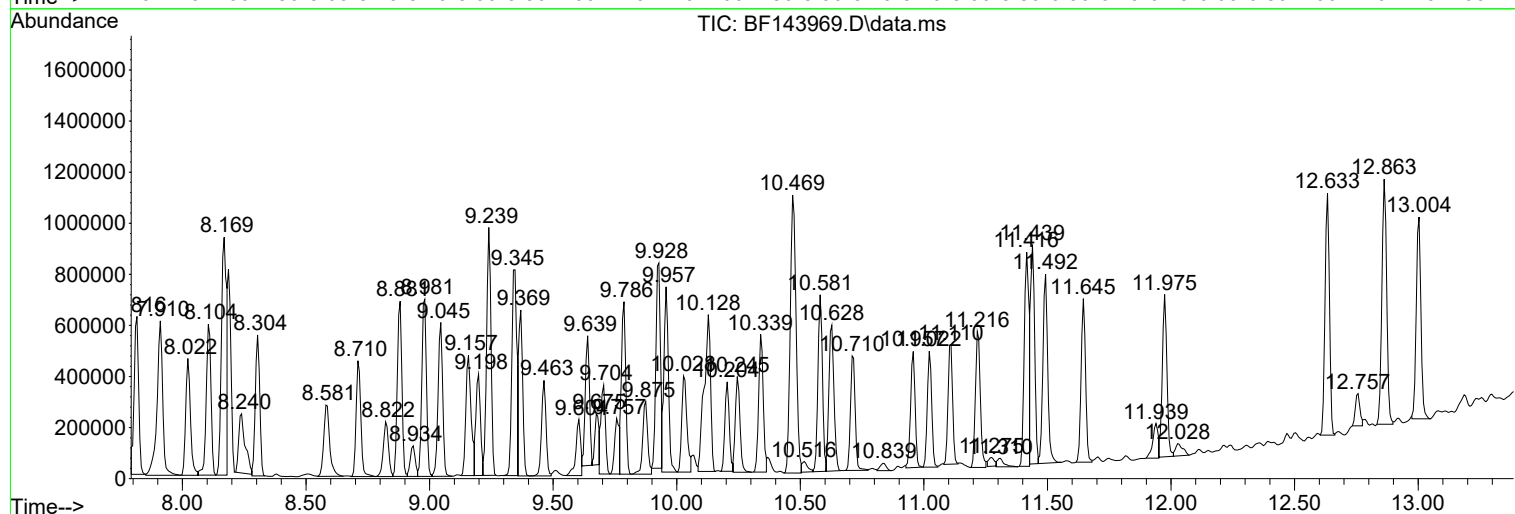
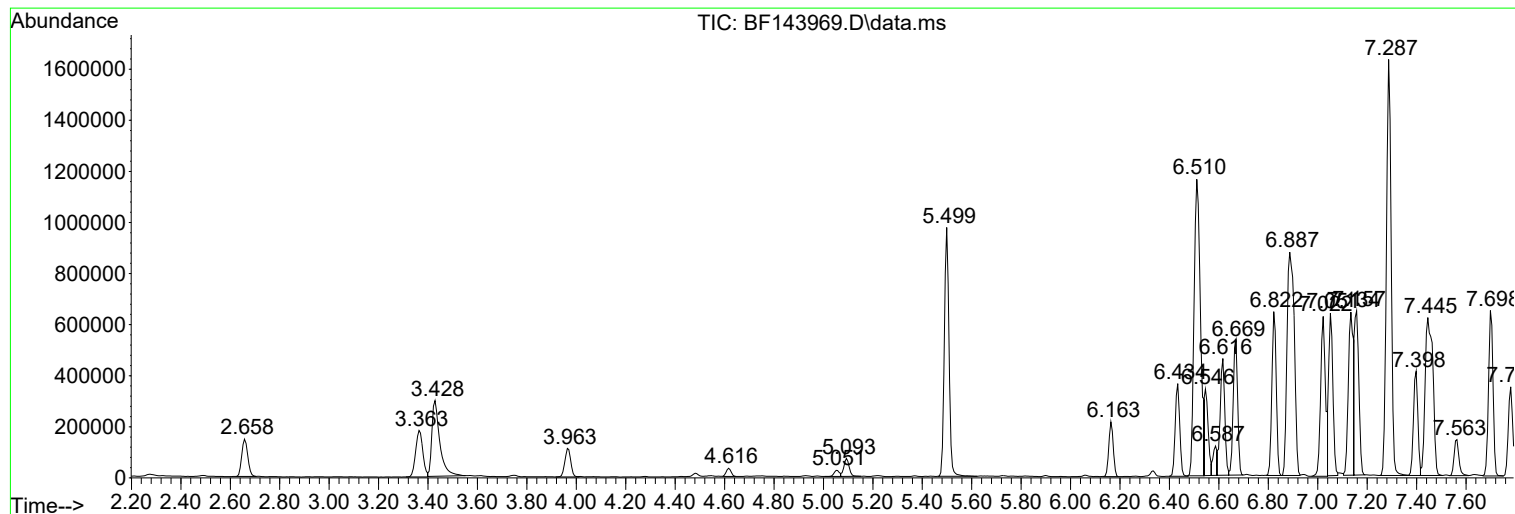
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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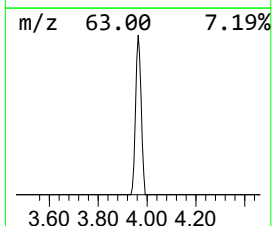
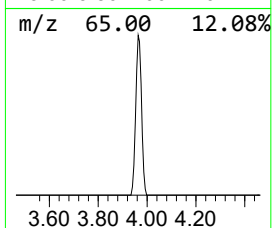
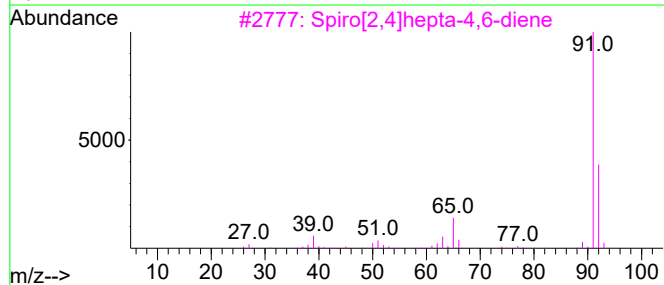
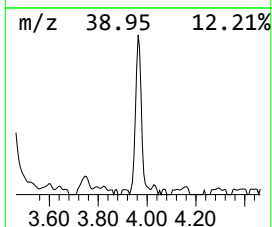
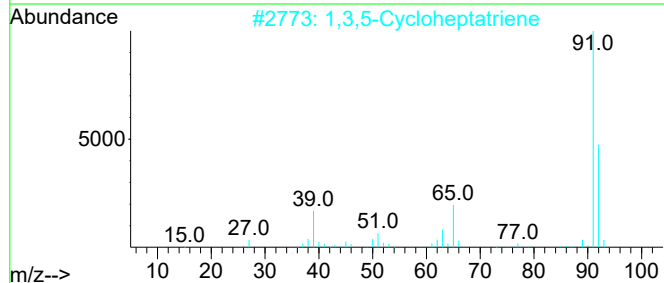
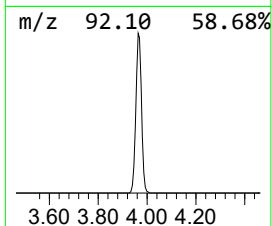
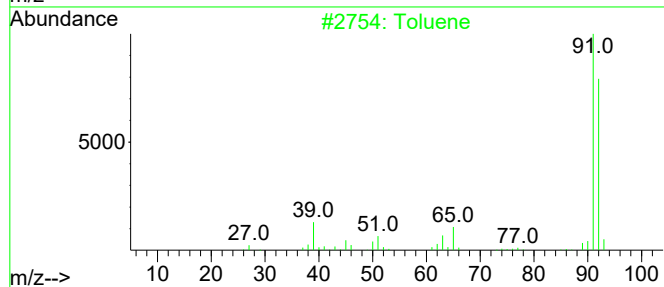
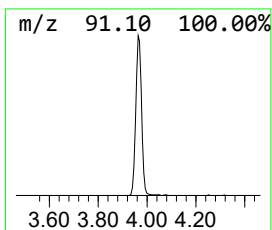
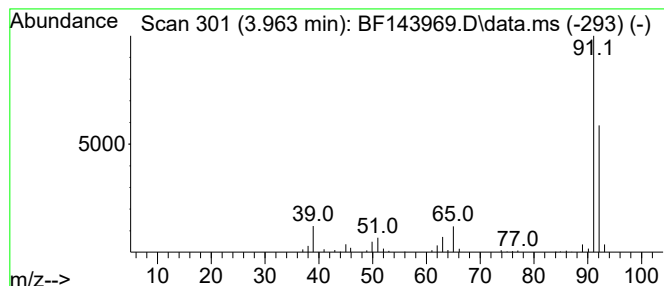
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Toluene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.963	2.04 ng	183060	1,4-Dichlorobenzene-d4	6.881

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Toluene	92	C7H8	000108-88-3	94
2		1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
3		Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	86
4		Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	64
5		2,5-Norbornadiene	92	C7H8	000121-46-0	64



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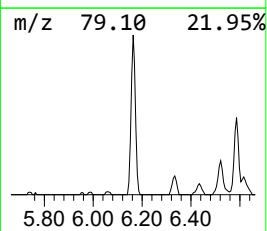
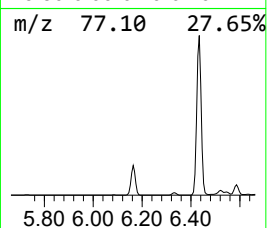
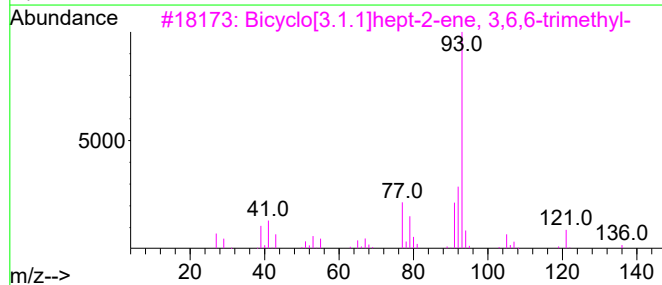
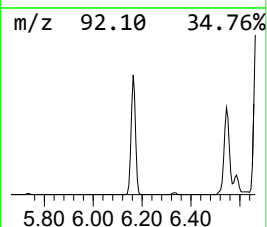
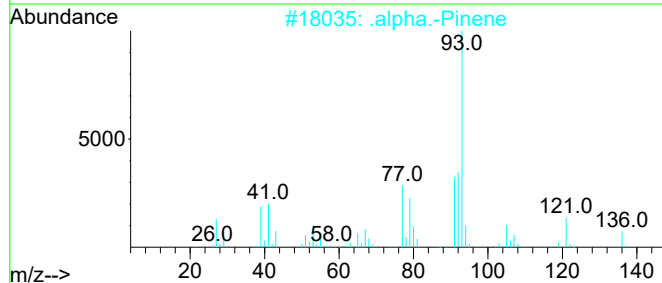
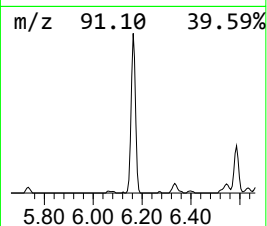
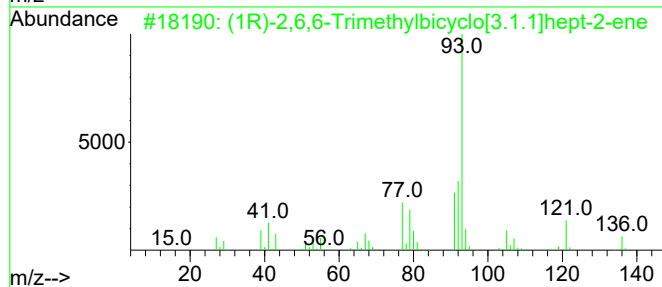
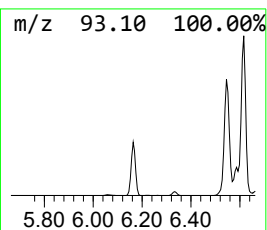
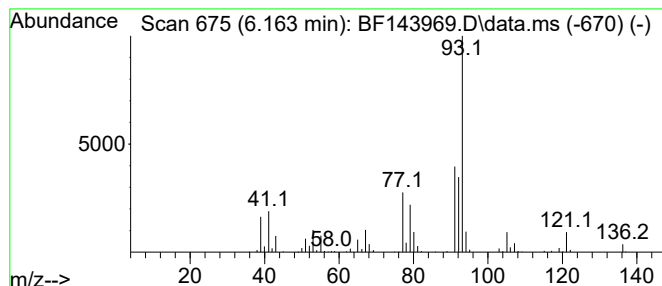
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.163	2.99 ng	267669	1,4-Dichlorobenzene-d4	6.881	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	91
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91
4	3-Carene	136	C10H16	013466-78-9	90
5	3,5-Methanocyclopentapyrazole, 3,4,5-trimethyl-	164	C10H16N2	087143-58-6	90



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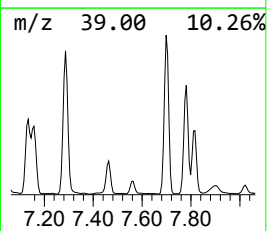
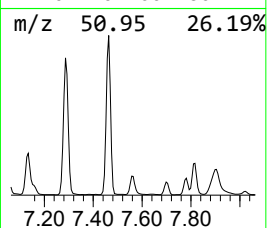
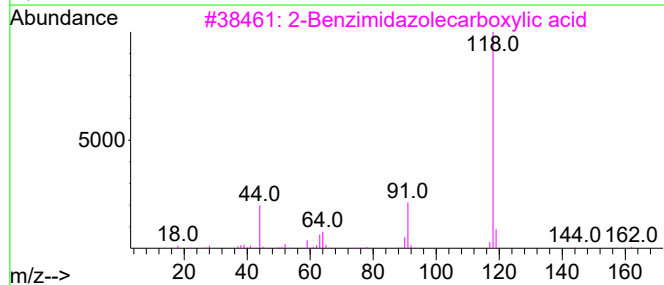
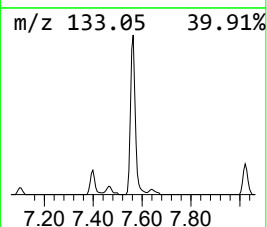
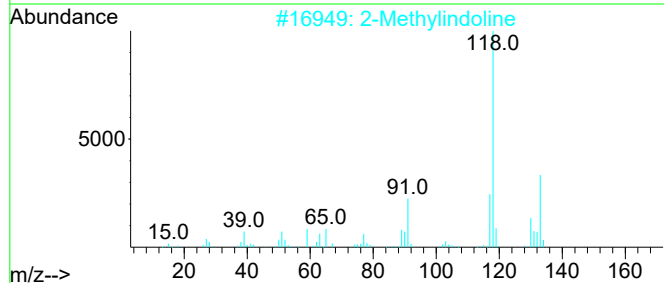
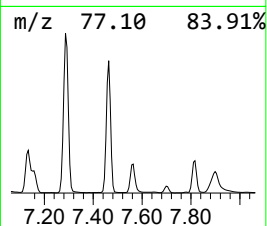
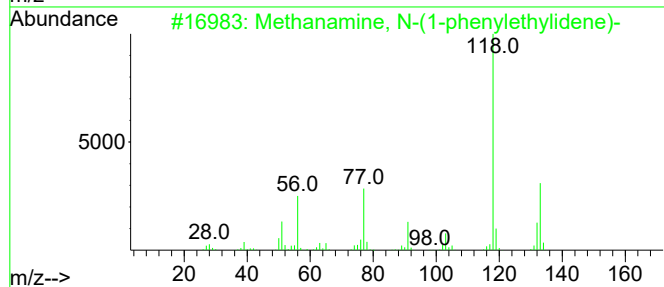
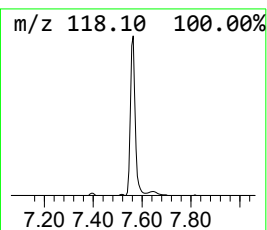
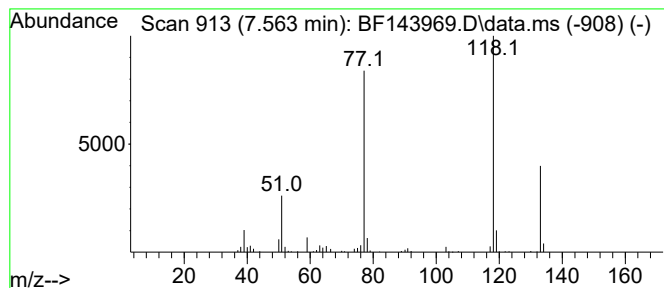
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Methanamine, N-(1-phenyleth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.563	2.74 ng	193873	Naphthalene-d8	8.169

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methanamine, N-(1-phenylethylidene)...	133	C9H11N	006907-71-7	50
2			2-Methylindoline	133	C9H11N	006872-06-6	38
3			2-Benzimidazolecarboxylic acid	162	C8H6N2O2	002849-93-6	12
4			Imidazo[1,2-a]pyridine	118	C7H6N2	000274-76-0	12
5			Ethanone, 1-phenyl-, o-(4-coumar...	279	C17H13NO3	034605-11-3	12



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143969.D
Acq On : 15 Oct 2025 23:18
Operator : RC/JU
Sample : Q3337-01MSD 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

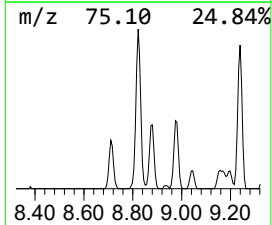
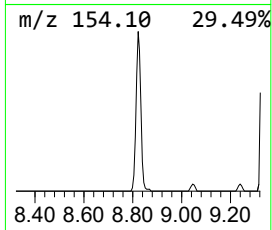
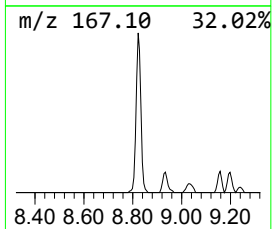
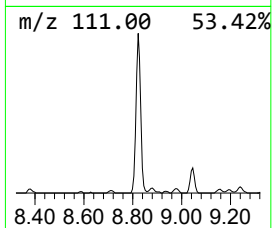
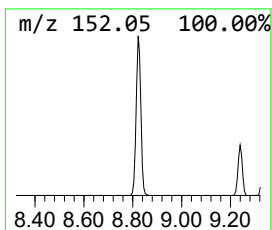
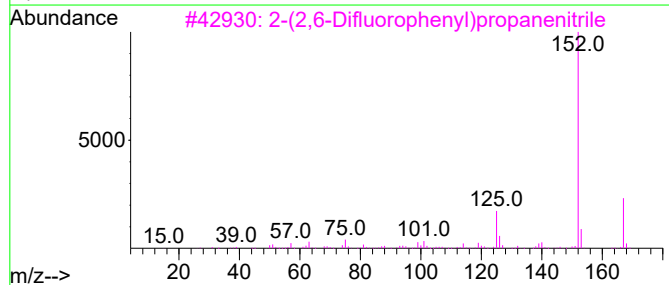
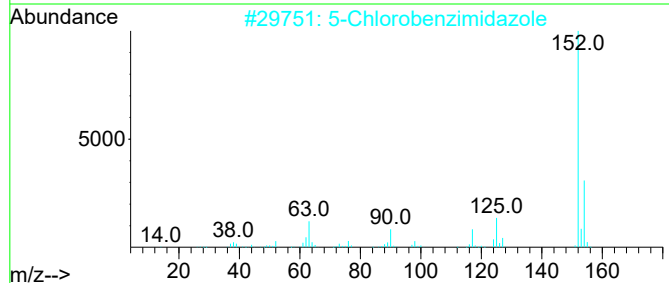
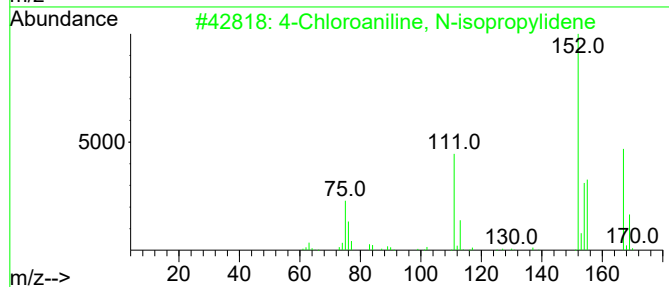
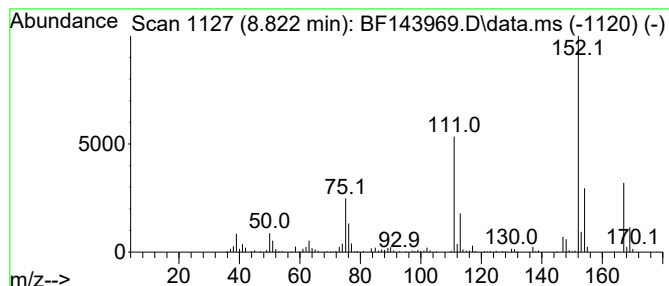
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 4-Chloroaniline, N-isopropy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.822	4.41 ng	311146	Naphthalene-d8	8.169

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Chloroaniline, N-isopropylidene	167	C9H10ClN	040938-43-0	95
2		5-Chlorobenzimidazole	152	C7H5ClN2	004887-82-5	38
3		2-(2,6-Difluorophenyl)propanenit...	167	C9H7F2N	149680-18-2	38
4		4-Amino-2-chlorobenzonitrile	152	C7H5ClN2	020925-27-3	38
5		Acenaphthylene	152	C12H8	000208-96-8	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143969.D
Acq On : 15 Oct 2025 23:18
Operator : RC/JU
Sample : Q3337-01MSD 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

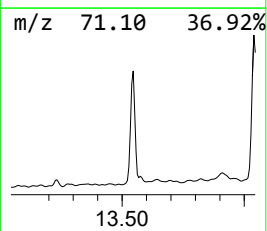
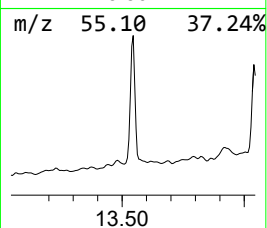
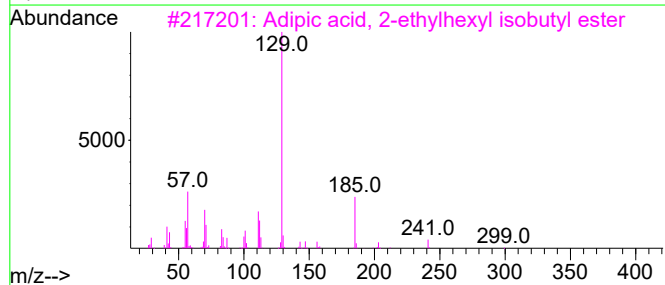
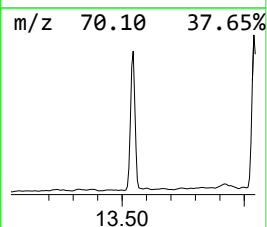
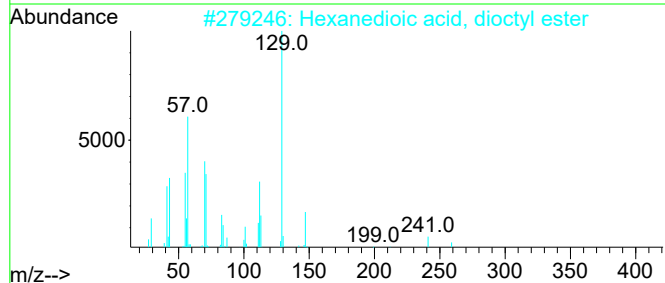
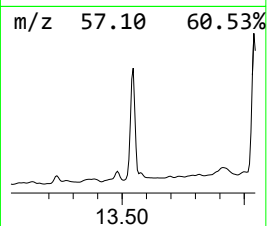
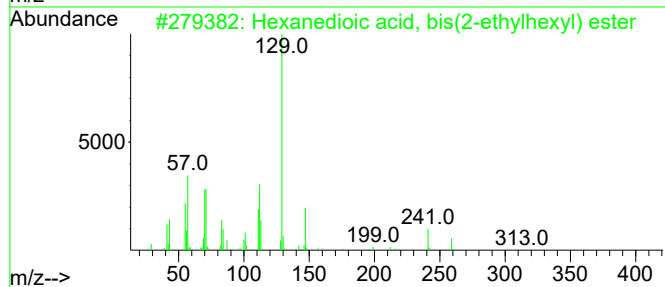
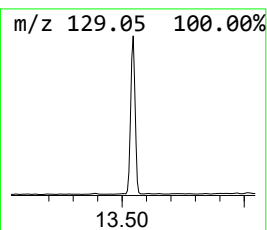
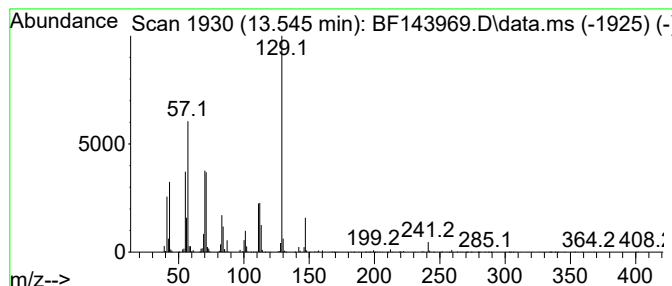
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexanedioic acid, bis(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.545	22.29 ng	920378	Chrysene-d12	14.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	90
3	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1010324-48-0	59
4	Diisooctyl adipate	370	C22H42O4	001330-86-5	58
5	Adipic acid, cyclopentylmethyl i...	312	C18H32O4	1000324-77-6	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143969.D
Acq On : 15 Oct 2025 23:18
Operator : RC/JU
Sample : Q3337-01MSD 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Toluene	3.963	2.0	ng	183060	1	6.881	1790990	20.0
(1R)-2,6,6-Trim...	6.163	3.0	ng	267669	1	6.881	1790990	20.0
Methanamine, N-...	7.563	2.7	ng	193873	2	8.169	1412600	20.0
4-Chloroaniline...	8.822	4.4	ng	311146	2	8.169	1412600	20.0
Hexanedioic aci...	13.545	22.3	ng	920378	5	14.069	825723	20.0