

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142734.D
 Acq On : 11 Jun 2025 14:50
 Operator : RC/JU
 Sample : Q2268-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-20250605

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-BF061125.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142734.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.305	9	19	27	rBV3	27259	87856	1.72%	0.187%
2	2.569	51	64	74	rVB3	80997	254701	5.00%	0.543%
3	2.787	95	101	112	rVB3	50971	126340	2.48%	0.269%
4	3.069	144	149	158	rVB2	36607	82737	1.62%	0.176%
5	3.416	196	208	211	rBV4	22005	55133	1.08%	0.118%
6	3.457	211	215	232	rVB4	30608	77983	1.53%	0.166%
7	3.634	232	245	248	rBV4	22309	69654	1.37%	0.148%
8	3.681	248	253	259	rVB	86663	157268	3.09%	0.335%
9	3.763	259	267	273	rBV3	52789	112082	2.20%	0.239%
10	3.981	300	304	308	rVB	45402	66286	1.30%	0.141%
11	4.040	308	314	319	rBV	85870	138123	2.71%	0.294%
12	4.375	364	371	374	rBV4	28731	60697	1.19%	0.129%
13	4.557	398	402	407	rBV2	40810	59021	1.16%	0.126%
14	4.663	413	420	429	rBV2	119739	204404	4.01%	0.436%
15	4.904	455	461	464	rBV3	37901	62267	1.22%	0.133%
16	5.040	476	484	491	rVB5	31180	103431	2.03%	0.220%
17	5.110	491	496	502	rVV	50689	78180	1.53%	0.167%
18	5.181	502	508	512	rVV4	35152	64640	1.27%	0.138%
19	5.234	512	517	527	rVB4	29242	63857	1.25%	0.136%
20	5.387	536	543	548	rVB	2315330	3228422	63.33%	6.881%
21	5.510	555	564	570	rVB	2920094	5097719	100.00%	10.865%
22	6.063	653	658	663	rBV	344323	426590	8.37%	0.909%
23	6.351	703	707	712	rVB	591631	756143	14.83%	1.612%
24	6.416	712	718	720	rBV2	78863	105457	2.07%	0.225%
25	6.451	720	724	727	rBV	691771	791414	15.52%	1.687%
26	6.493	727	731	734	rBV	712711	993384	19.49%	2.117%
27	6.581	741	746	751	rBV	835637	1033406	20.27%	2.203%
28	6.722	762	770	775	rBV	2181224	2881555	56.53%	6.142%
29	6.840	783	790	795	rBV3	58102	130068	2.55%	0.277%
30	6.893	795	799	803	rVV	274880	362548	7.11%	0.773%
31	6.951	804	809	814	rVV	1076947	1380989	27.09%	2.943%
32	7.022	818	821	822	rVV	47696	54045	1.06%	0.115%
33	7.075	825	830	837	rVV	1985669	2621324	51.42%	5.587%
34	7.140	837	841	848	rVB2	399655	519139	10.18%	1.107%
35	7.210	848	853	861	rVB	431355	622819	12.22%	1.328%
36	7.287	861	866	871	rBV2	235803	324276	6.36%	0.691%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

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Sampling : 1

Min Area: 3 % of largest Peak

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.357	873	878	885	rVV2	200606	391429	7.68%	0.834%
38	7.428	885	890	893	rVV	1092720	1654865	32.46%	3.527%
39	7.463	893	896	901	rVB2	1320900	1704486	33.44%	3.633%
40	7.540	905	909	912	rVV2	58814	81919	1.61%	0.175%

41	7.575	912	915	923	rVB2	120385	167319	3.28%	0.357%
42	7.663	924	930	932	rBV	569326	750072	14.71%	1.599%
43	7.687	932	934	938	rVB	340864	364825	7.16%	0.778%
44	7.740	938	943	946	rBV	75010	102671	2.01%	0.219%
45	7.781	946	950	954	rVV2	73227	107881	2.12%	0.230%

46	7.845	954	961	967	rVB	674378	973090	19.09%	2.074%
47	7.916	967	973	984	rBV	1274943	2073381	40.67%	4.419%
48	8.016	988	990	993	rVV	103273	114961	2.26%	0.245%
49	8.045	993	995	998	rVB	57715	55573	1.09%	0.118%
50	8.204	1004	1022	1027	rBV2	2020365	3865821	75.83%	8.240%

51	8.251	1027	1030	1035	rVB2	182717	237521	4.66%	0.506%
52	8.351	1045	1047	1053	rVB5	29419	52804	1.04%	0.113%
53	8.451	1053	1064	1068	rBV2	125544	262501	5.15%	0.560%
54	8.557	1079	1082	1086	rVB	120834	145532	2.85%	0.310%
55	8.640	1092	1096	1100	rBV2	92914	139298	2.73%	0.297%

56	8.681	1100	1103	1108	rVB3	82786	120026	2.35%	0.256%
57	8.763	1114	1117	1122	rVB	146550	187761	3.68%	0.400%
58	8.839	1122	1130	1133	rBV4	42913	77763	1.53%	0.166%
59	8.892	1133	1139	1145	rBV	747055	988211	19.39%	2.106%
60	8.987	1150	1155	1159	rVV	494853	640153	12.56%	1.364%

61	9.051	1163	1166	1172	rVB3	97230	166399	3.26%	0.355%
62	9.175	1180	1187	1195	rVB4	92982	193580	3.80%	0.413%
63	9.251	1195	1200	1205	rVB	1499281	1850853	36.31%	3.945%
64	9.334	1209	1214	1219	rBV3	77712	141509	2.78%	0.302%
65	9.516	1239	1245	1249	rBV4	76400	160520	3.15%	0.342%

66	9.587	1254	1257	1267	rVB3	53777	137077	2.69%	0.292%
67	9.669	1267	1271	1280	rBV5	23801	60473	1.19%	0.129%
68	9.934	1310	1316	1324	rBV	368628	482449	9.46%	1.028%
69	10.022	1324	1331	1339	rVB2	83772	138913	2.73%	0.296%
70	10.134	1346	1350	1354	rVB	47829	63916	1.25%	0.136%

71	10.192	1354	1360	1366	rVB2	126671	230606	4.52%	0.492%
72	10.645	1432	1437	1445	rBV2	40970	74064	1.45%	0.158%
73	10.722	1445	1450	1464	rVB	845316	1128020	22.13%	2.404%
74	10.851	1467	1472	1479	rVB2	41090	64596	1.27%	0.138%
75	10.986	1487	1495	1498	rBV	51797	106901	2.10%	0.228%

76	11.286	1541	1546	1555	rBV2	45602	85443	1.68%	0.182%
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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.422	1564	1569	1577	rBV	326012	452518	8.88%	0.965%
78	11.945	1653	1658	1670	rBV2	123073	202488	3.97%	0.432%
79	12.680	1772	1783	1787	rBV2	70278	180276	3.54%	0.384%
80	12.727	1787	1791	1804	rVB	85377	151917	2.98%	0.324%
81	13.010	1833	1839	1844	rBV	1201779	1568034	30.76%	3.342%
82	14.063	2013	2018	2027	rBV	267398	352405	6.91%	0.751%
83	15.563	2266	2273	2286	rVB	256287	409828	8.04%	0.874%

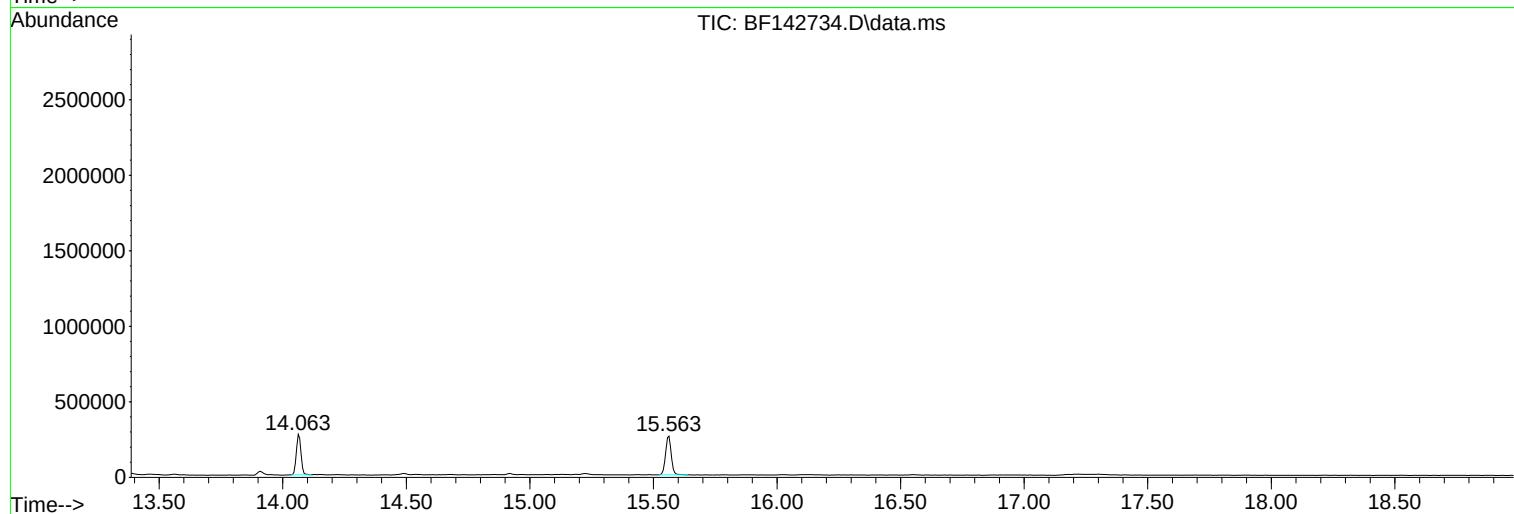
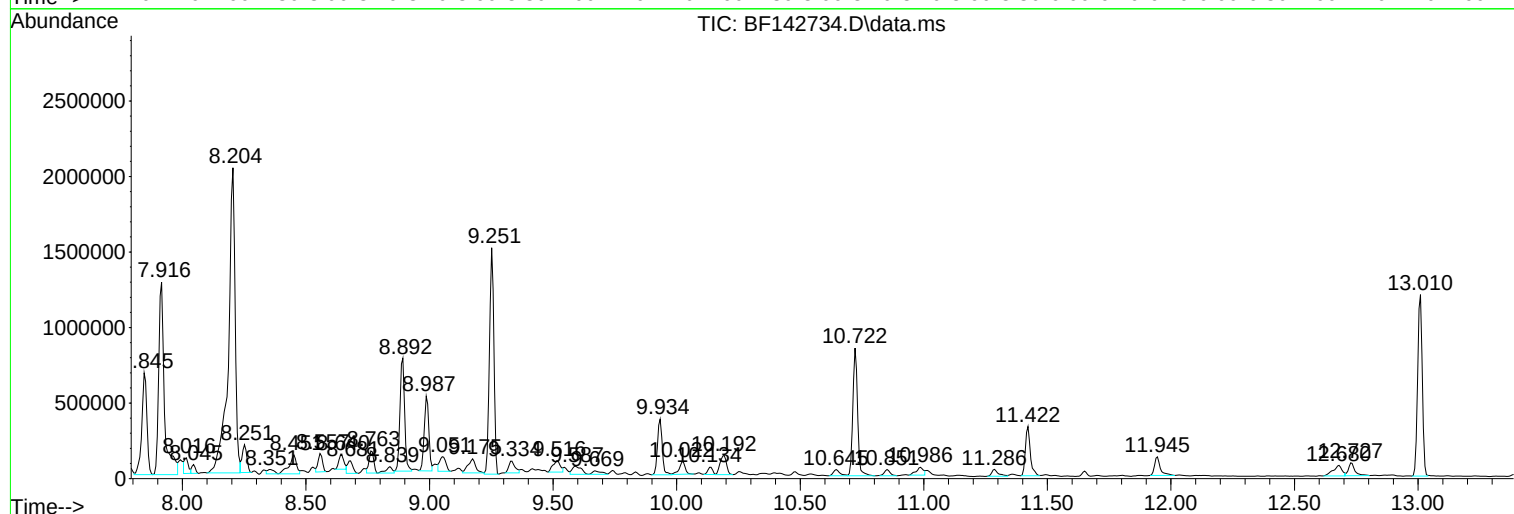
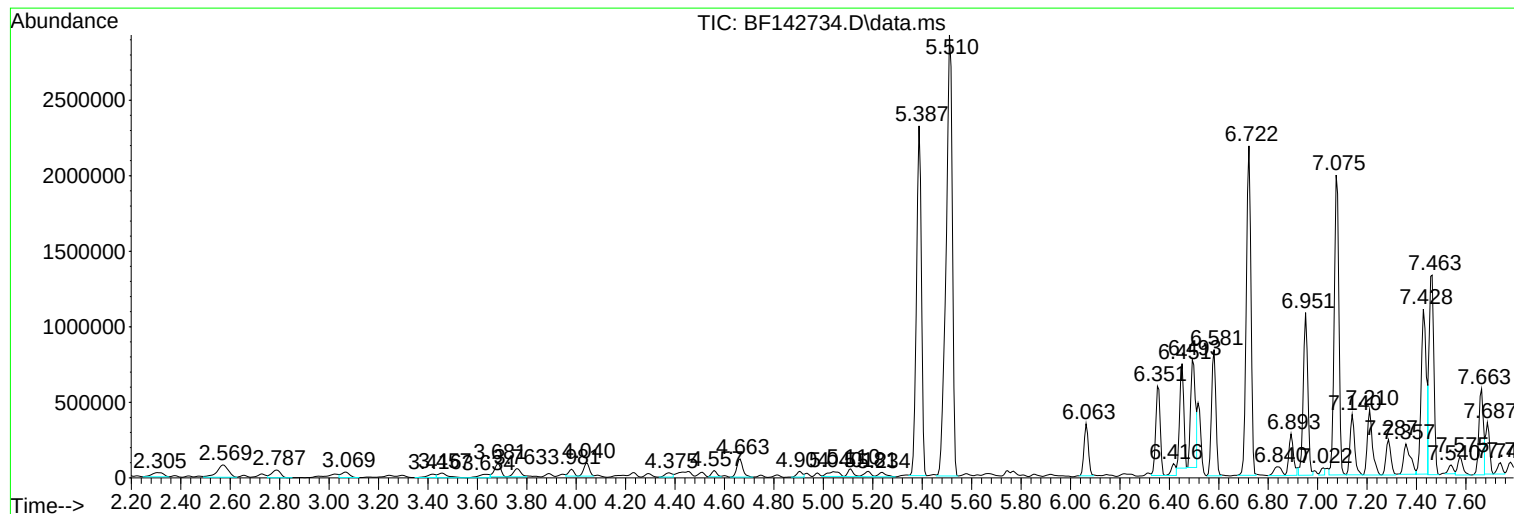
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : Q2268-03
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Instrument :
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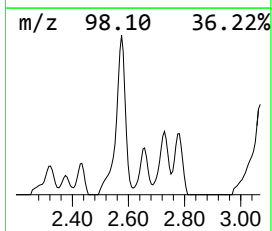
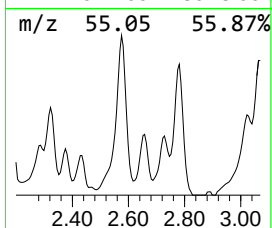
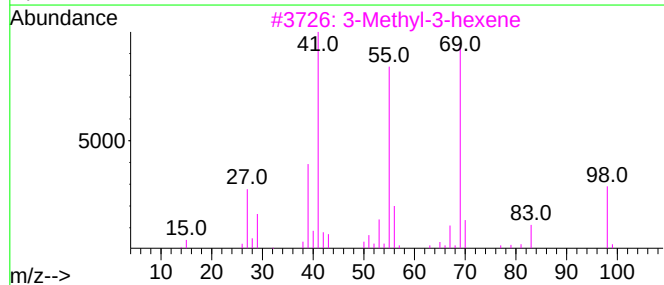
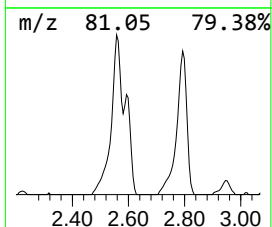
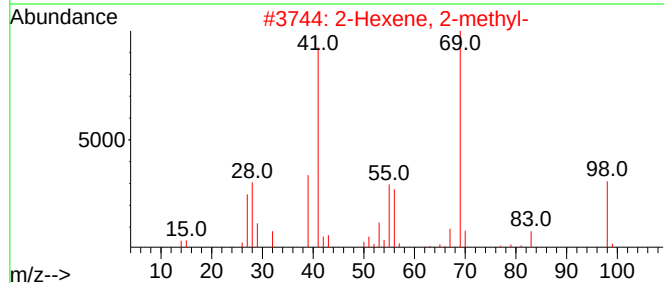
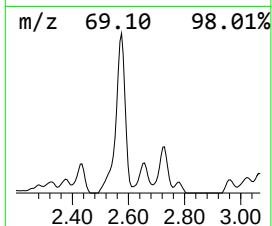
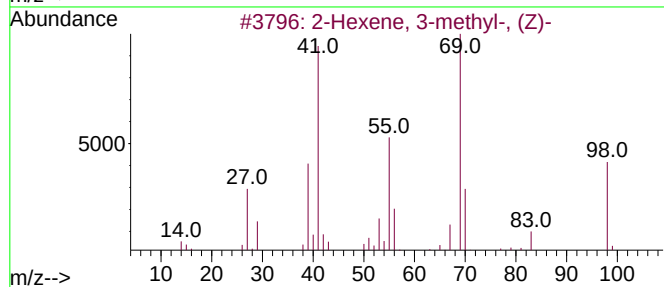
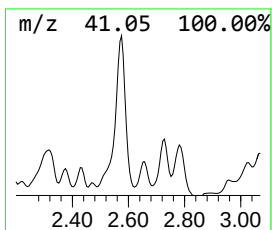
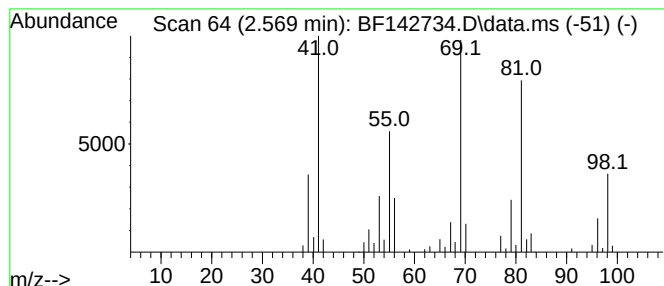
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Hexene, 3-methyl-, (Z)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.569	14.05 ng	254701	1,4-Dichlorobenzene-d4	6.893

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 3-methyl-, (Z)-			98	C7H14	010574-36-4	64
2	2-Hexene, 2-methyl-			98	C7H14	002738-19-4	55
3	3-Methyl-3-hexene			98	C7H14	003404-65-7	50
4	3-Hexene, 3-methyl-, (Z)-			98	C7H14	004914-89-0	50
5	1,3-Pentadiene, 2,4-dimethyl-			96	C7H12	001000-86-8	45



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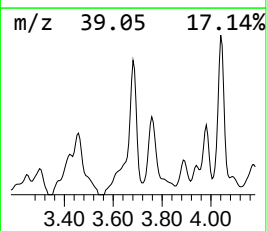
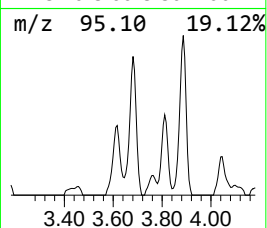
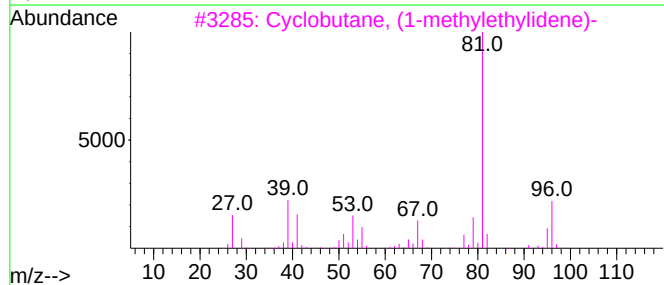
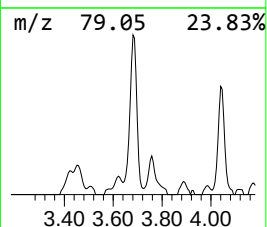
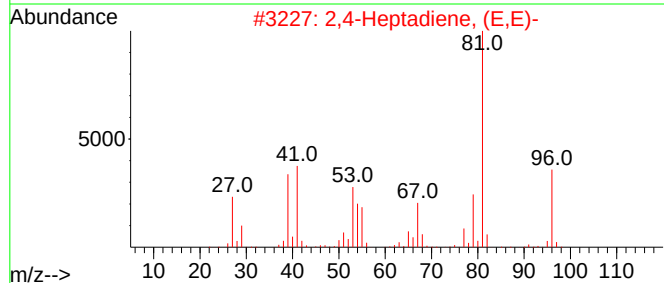
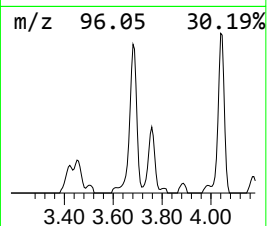
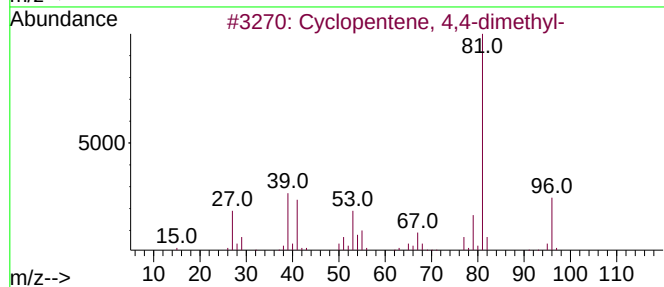
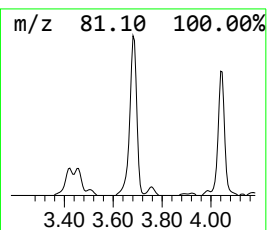
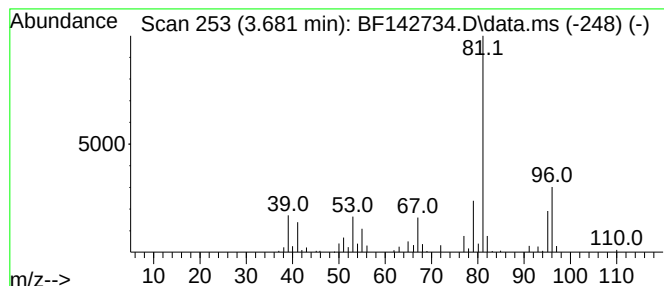
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclopentene, 4,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.681	8.68 ng	157268	1,4-Dichlorobenzene-d4	6.893

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	87
2			2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	87
3			Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	87
4			Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
5			1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	87



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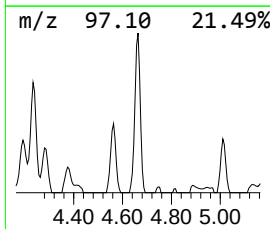
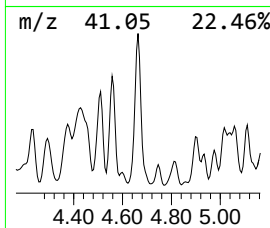
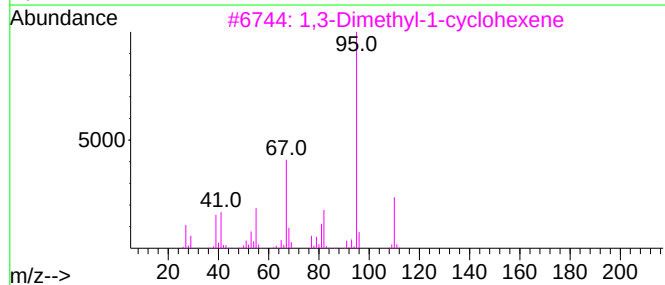
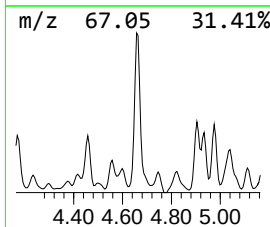
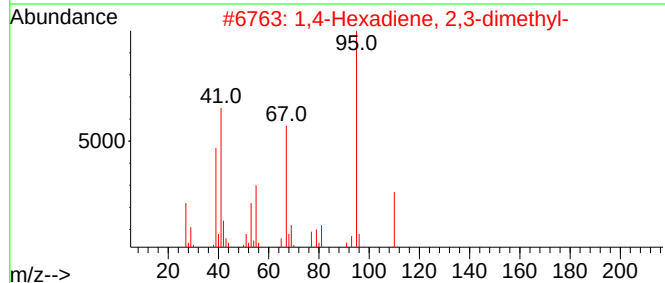
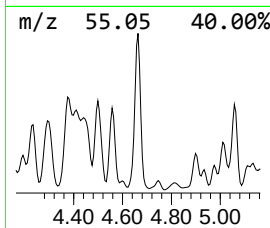
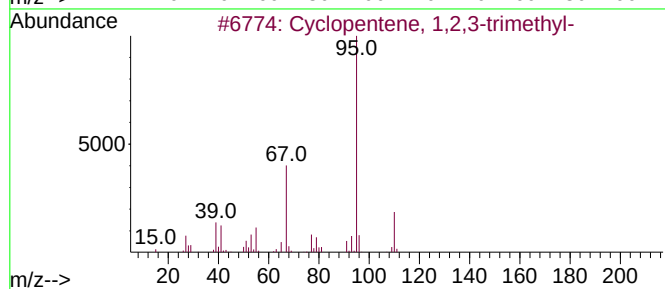
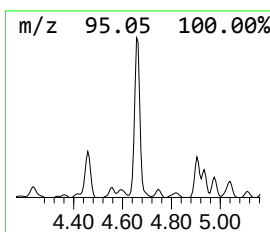
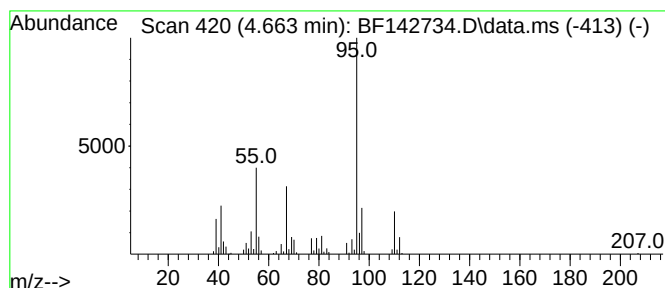
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.663	11.28 ng	204404	1,4-Dichlorobenzene-d4	6.893

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	93
2			1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	90
3			1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	76
4			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	74
5			3-Cyclopenten-1-one, 2,2,5,5-tet...	138	C9H14O	081396-36-3	64



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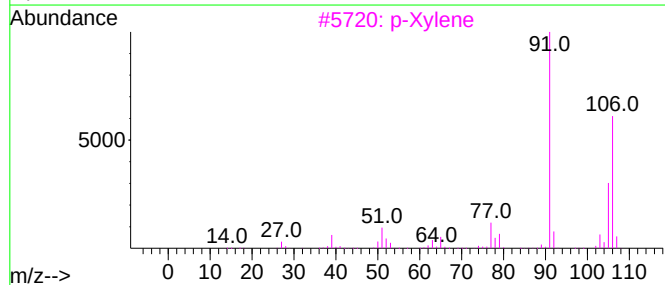
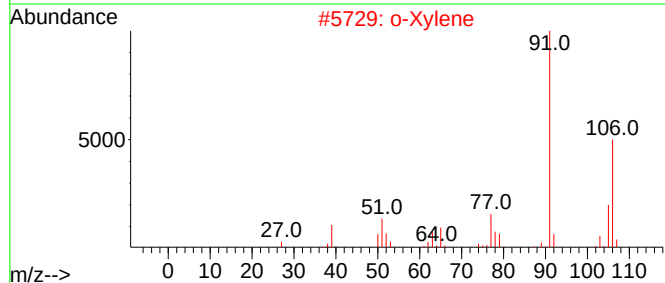
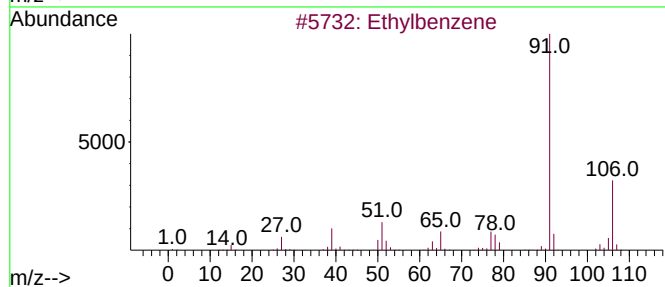
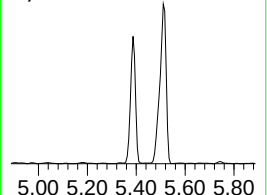
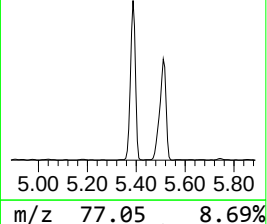
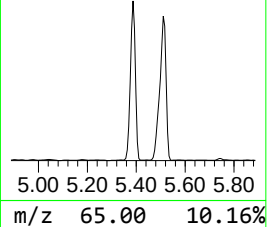
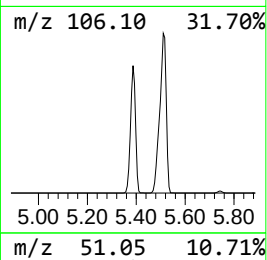
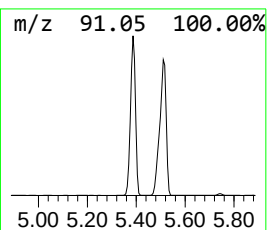
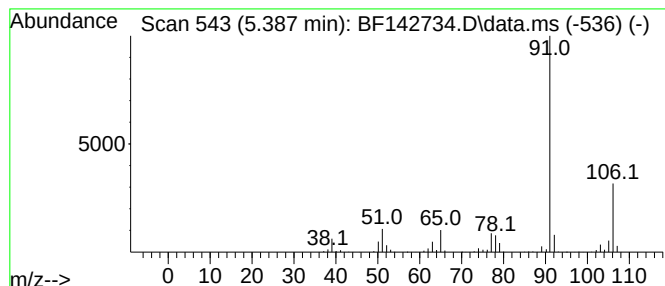
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.387	178.10 ng	3228420	1,4-Dichlorobenzene-d4	6.893

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethylbenzene	106	C8H10	000100-41-4	94
2			o-Xylene	106	C8H10	000095-47-6	76
3			p-Xylene	106	C8H10	000106-42-3	72
4			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	59
5			N-(Benzyloxy)-2,2,2-trifluoroace...	219	C9H8F3NO2	174075-91-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142734.D
Acq On : 11 Jun 2025 14:50
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2-20250605

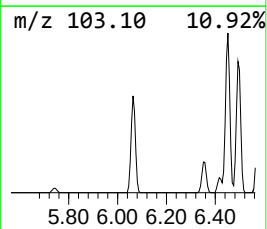
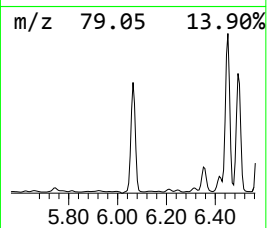
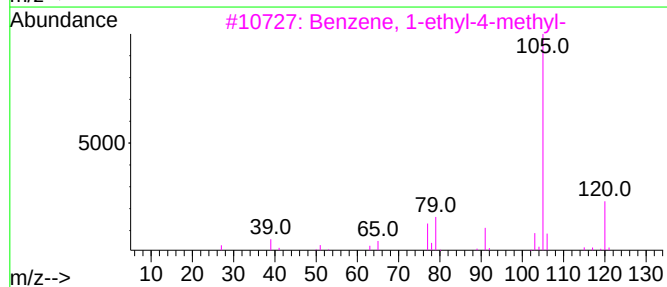
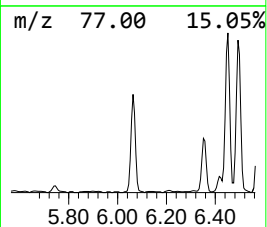
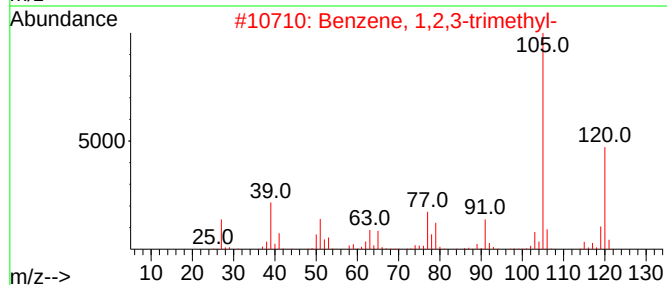
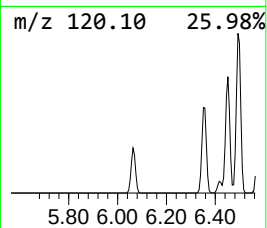
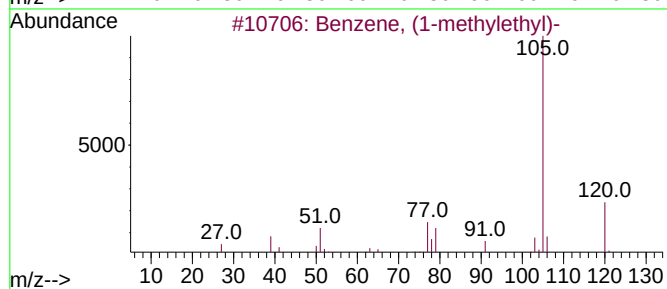
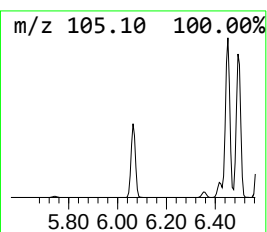
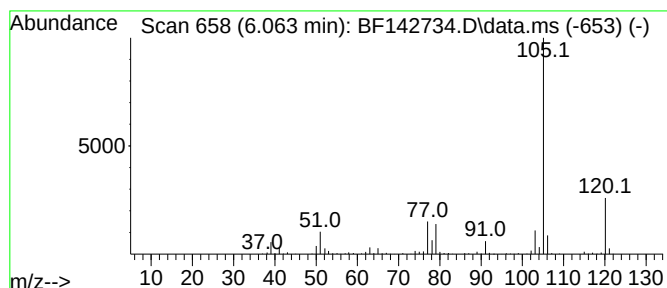
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.063	23.53 ng	426590	1,4-Dichlorobenzene-d4	6.893

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	95
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142734.D
Acq On : 11 Jun 2025 14:50
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2-20250605

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

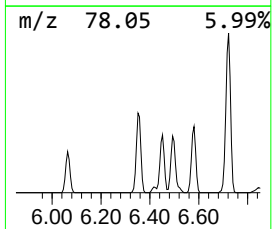
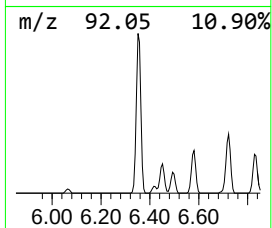
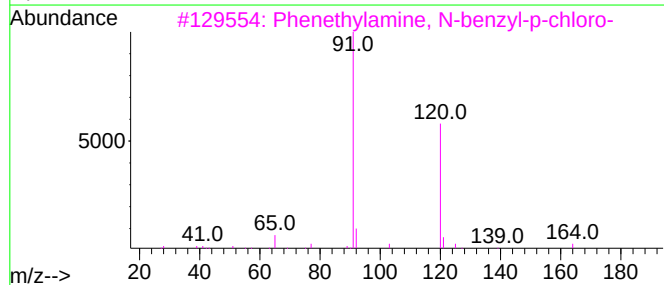
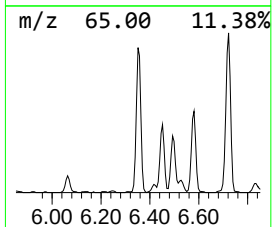
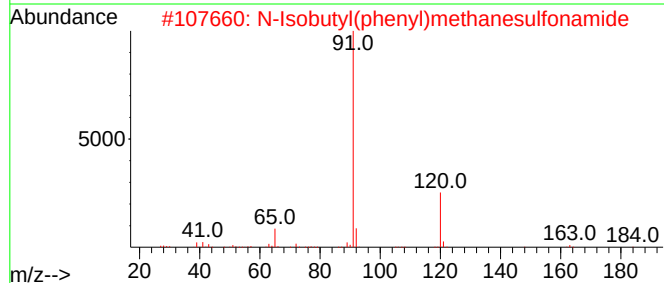
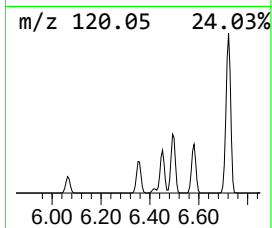
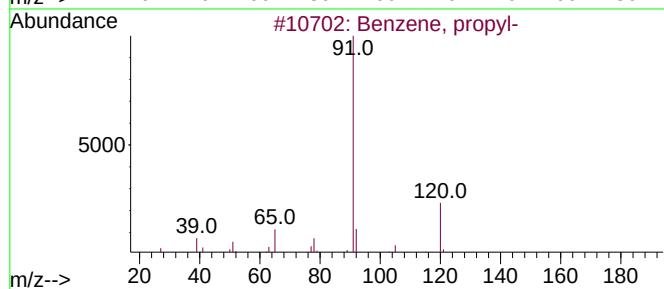
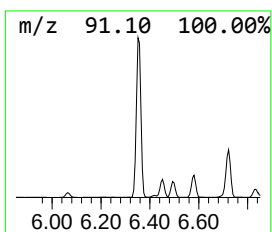
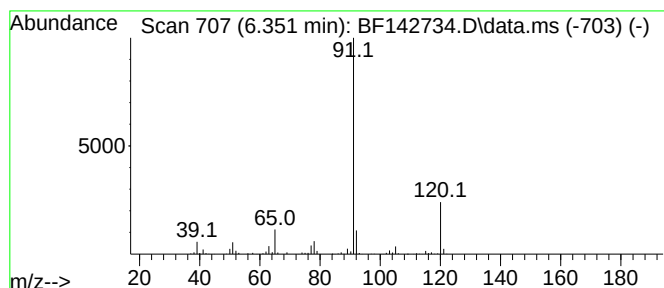
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 N-Isobutyl(phenyl)methanesu... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.351	41.71 ng	756143	1,4-Dichlorobenzene-d4	6.893

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	94
2			N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	72
3			Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5			1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142734.D
Acq On : 11 Jun 2025 14:50
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

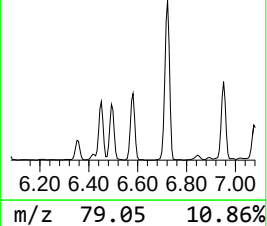
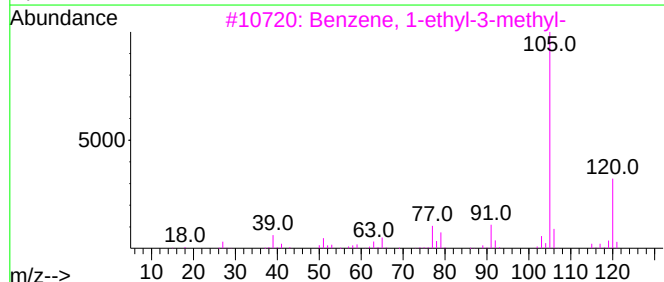
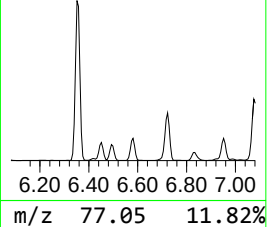
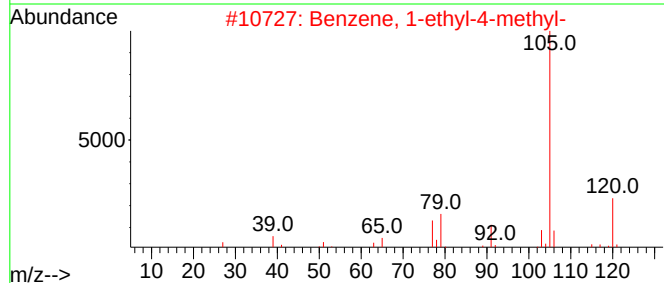
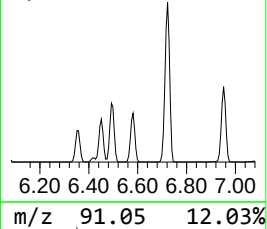
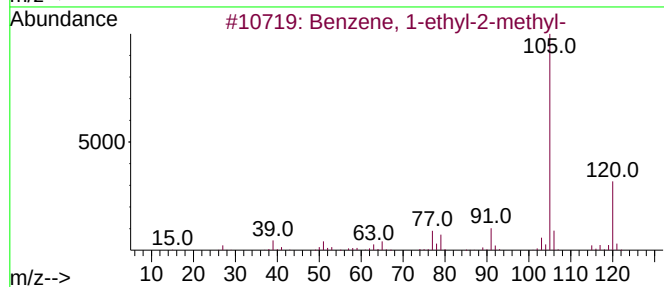
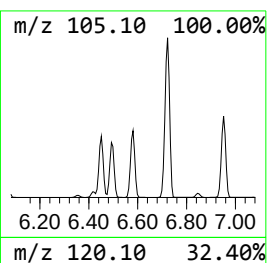
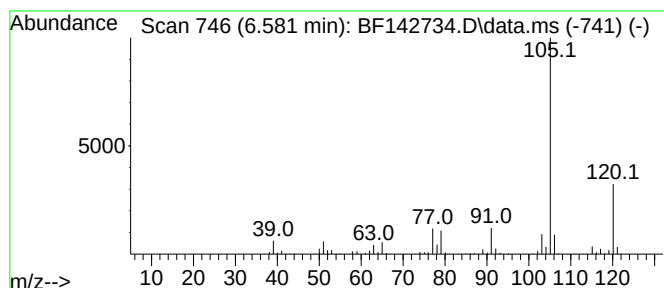
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
6.581	57.01 ng	1033410	1,4-Dichlorobenzene-d4		6.893	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-		120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-		120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-3-methyl-		120	C9H12	000620-14-4	91
4	Mesitylene		120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142734.D
Acq On : 11 Jun 2025 14:50
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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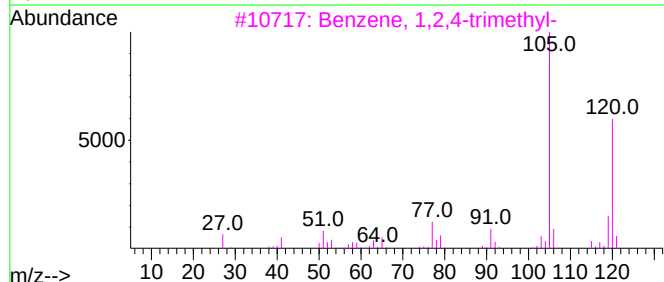
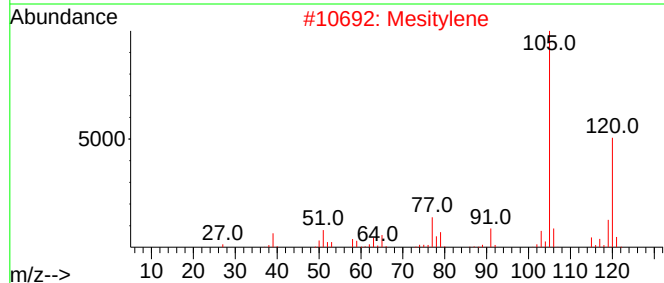
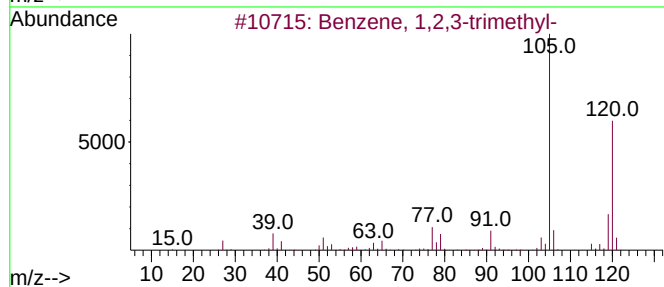
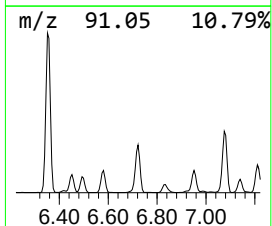
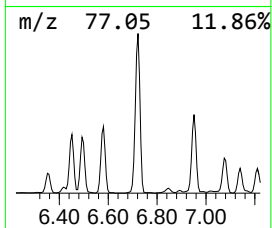
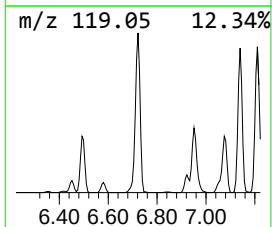
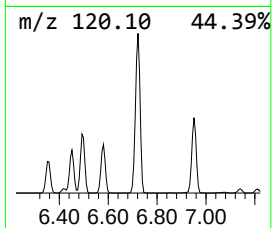
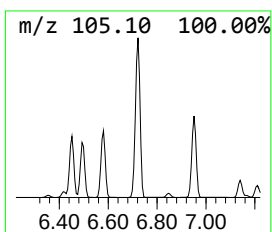
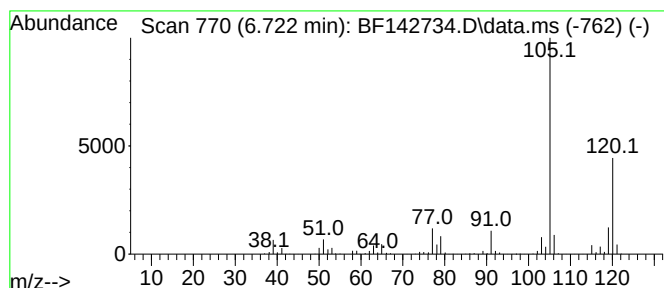
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.722	158.96 ng	2881560	1,4-Dichlorobenzene-d4	6.893

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2			Mesitylene	120	C9H12	000108-67-8	97
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
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Acq On : 11 Jun 2025 14:50
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

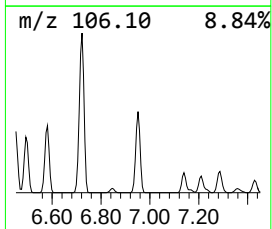
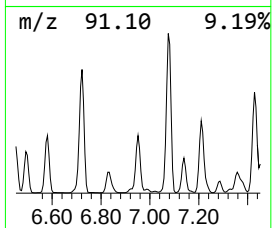
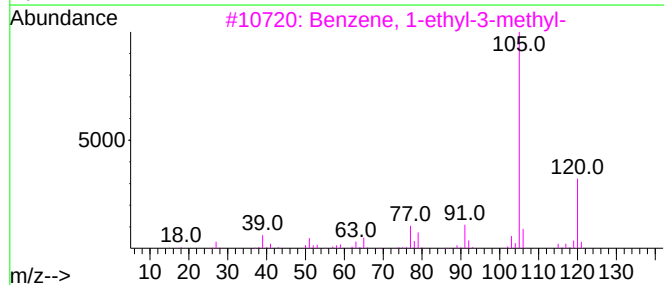
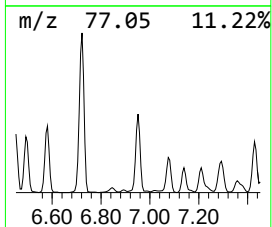
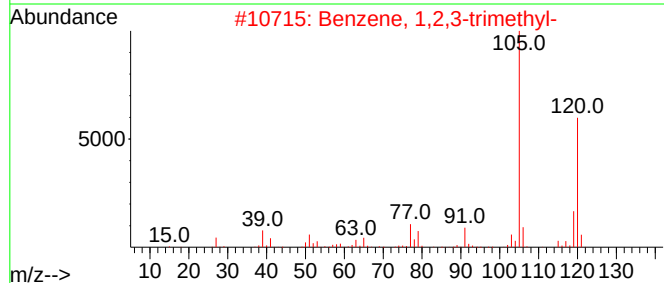
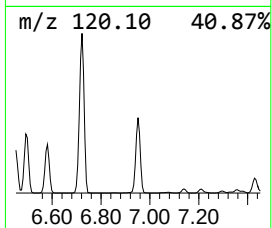
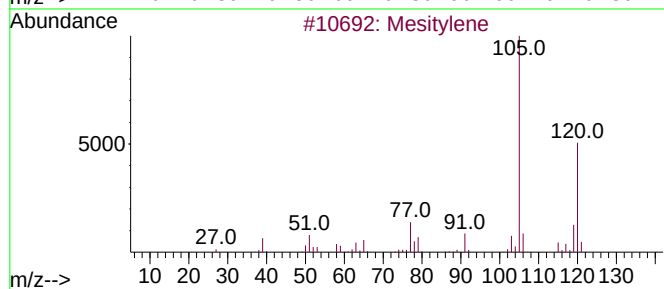
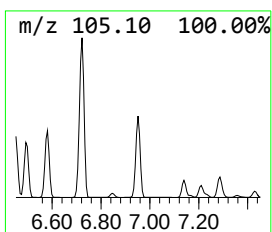
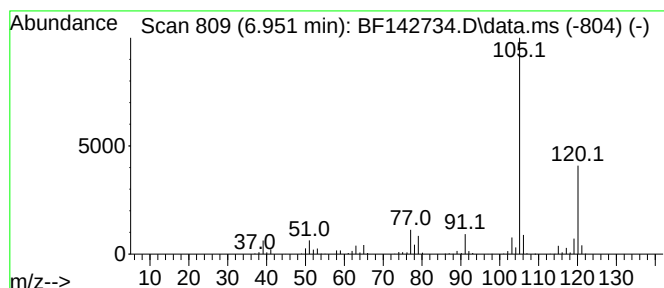
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ClientSampleId :
MW-2-20250605

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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 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD			R.T.
6.951	76.18 ng	1380990	1,4-Dichlorobenzene-d4			6.893
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Mesitylene		120	C9H12	000108-67-8	93
2	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	93
3	Benzene, 1-ethyl-3-methyl-		120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-		120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-		120	C9H12	000095-63-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
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Acq On : 11 Jun 2025 14:50
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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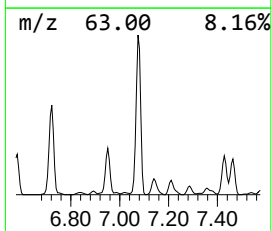
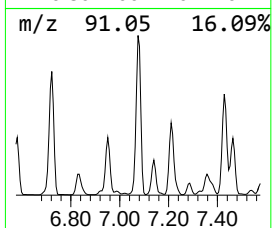
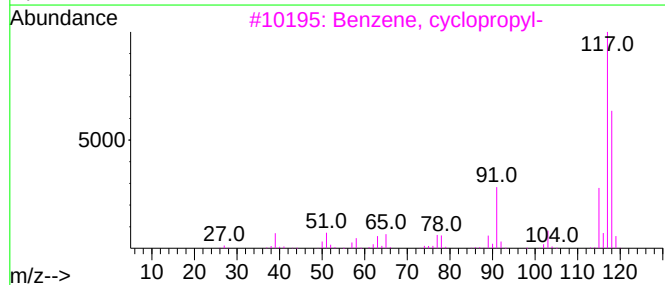
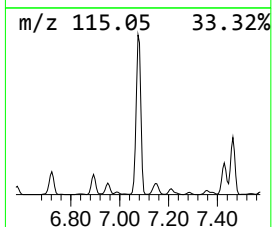
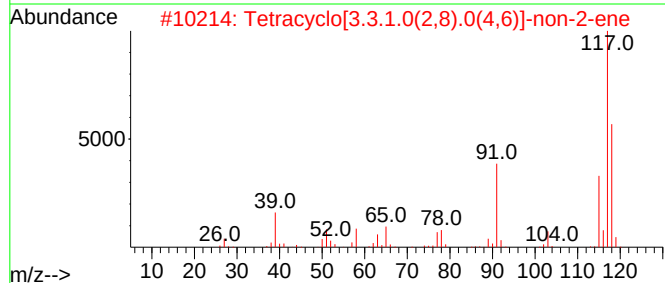
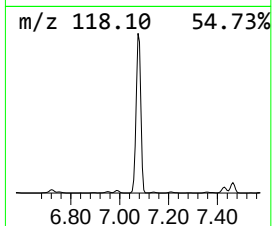
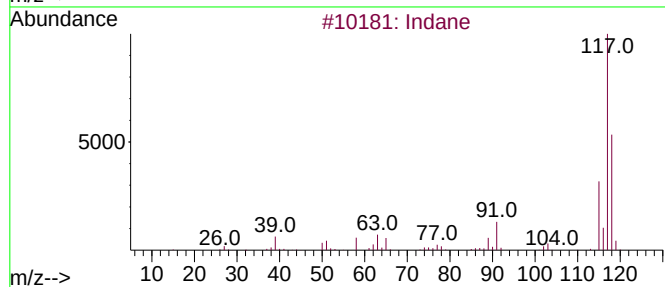
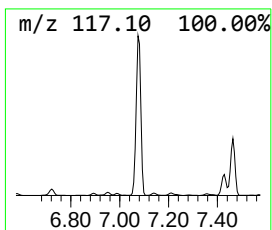
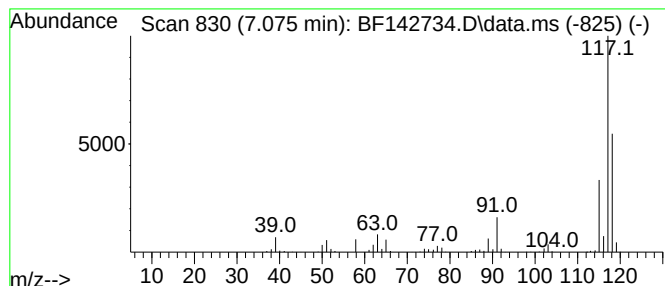
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetracyclo[3.3.1.0(2,8).0(4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.075	144.61 ng	2621320	1,4-Dichlorobenzene-d4	6.893

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	93
2			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
5			Benzene, 1-propenyl-	118	C9H10	000637-50-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142734.D
Acq On : 11 Jun 2025 14:50
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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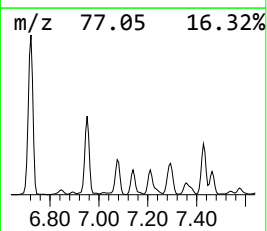
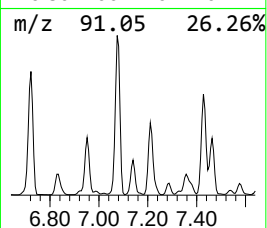
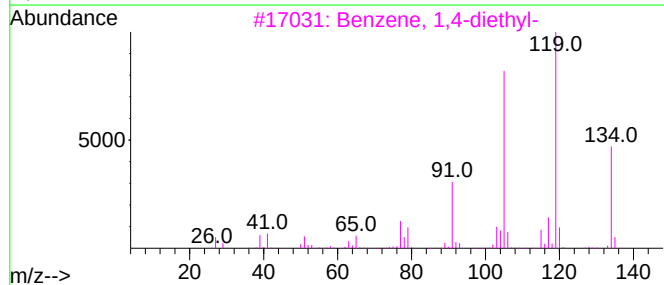
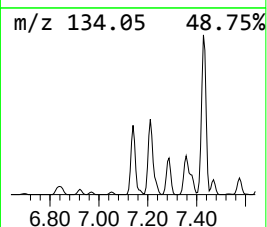
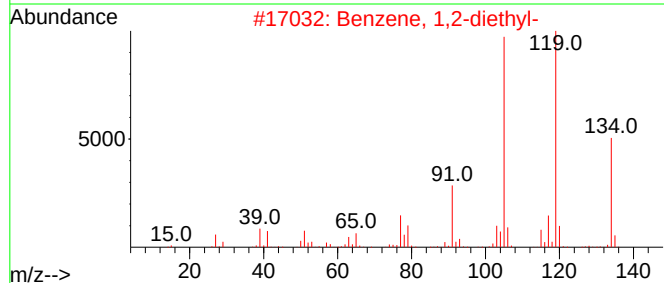
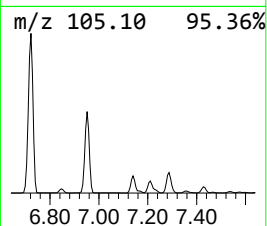
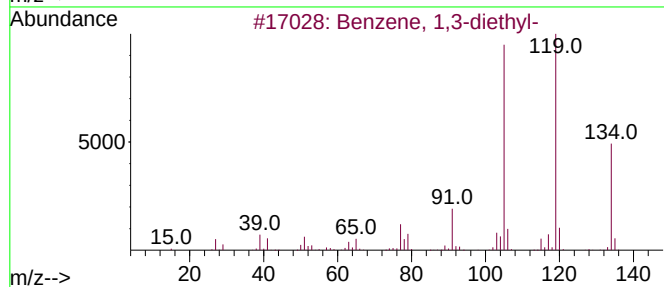
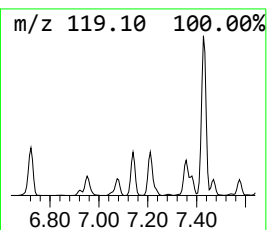
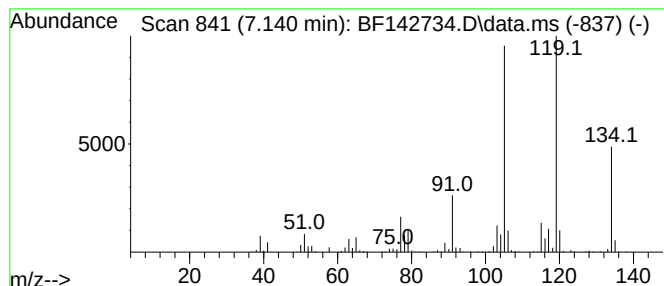
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.140	28.64 ng	519139	1,4-Dichlorobenzene-d4	6.893

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142734.D
Acq On : 11 Jun 2025 14:50
Operator : RC/JU
Sample : Q2268-03
Misc :
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Instrument :
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ClientSampleId :
MW-2-20250605

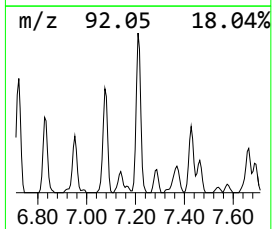
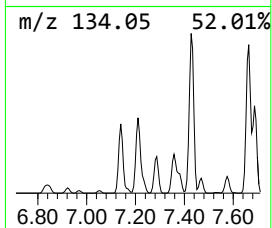
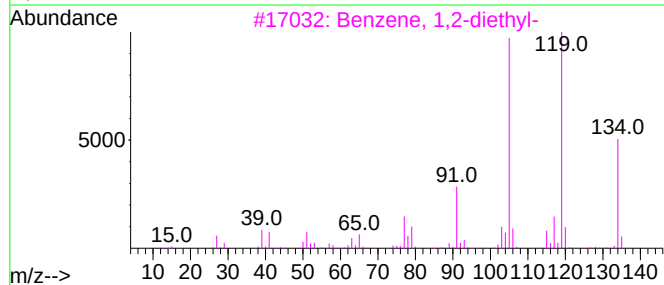
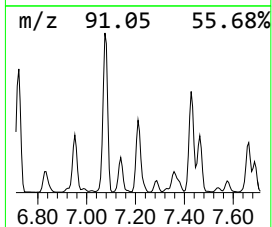
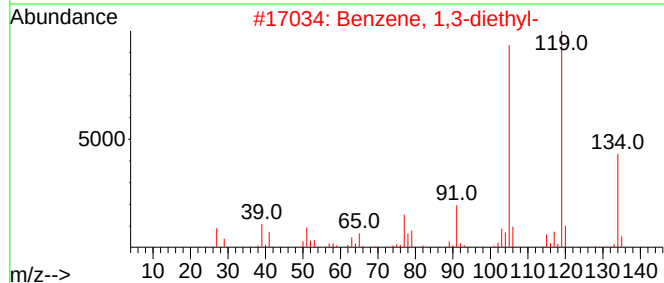
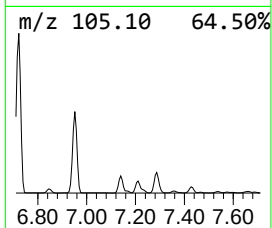
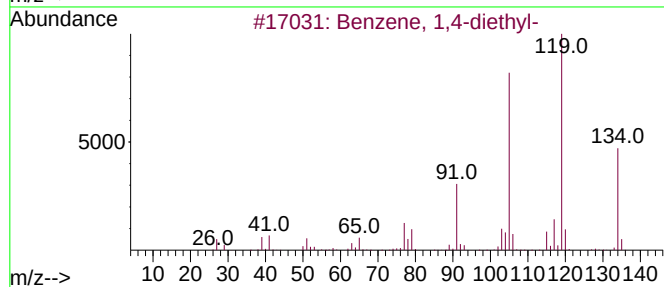
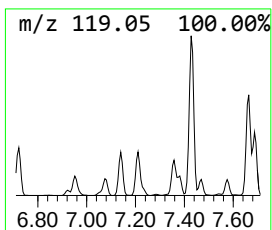
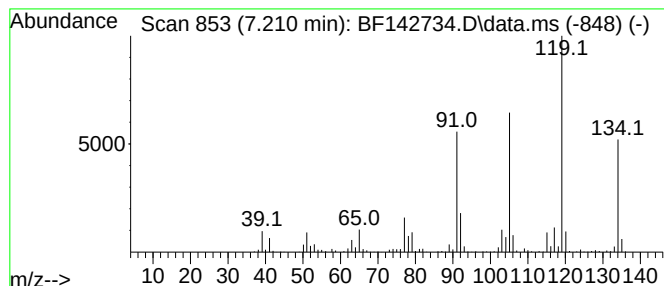
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,4-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.210	34.36 ng	622819	1,4-Dichlorobenzene-d4	6.893

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142734.D
Acq On : 11 Jun 2025 14:50
Operator : RC/JU
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Misc :
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ClientSampleId :
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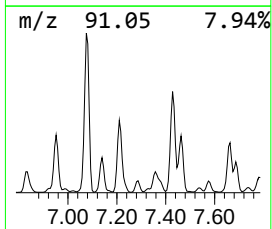
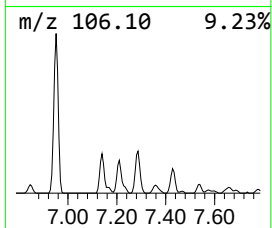
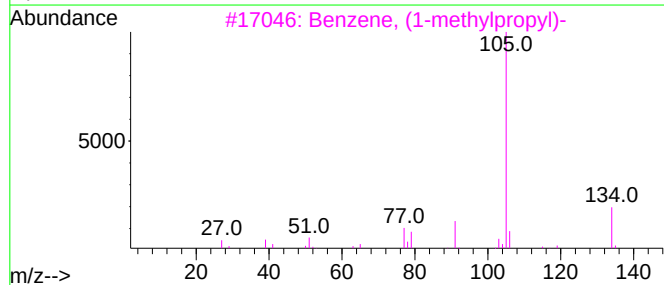
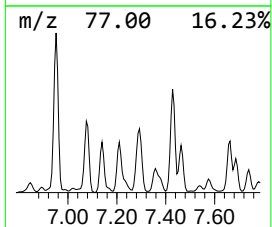
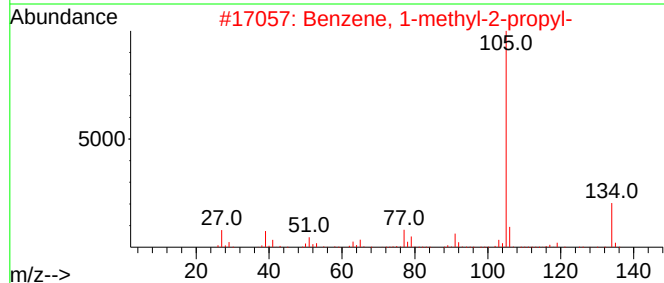
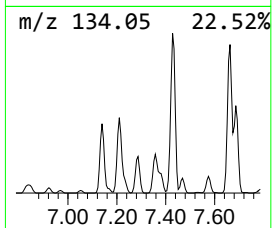
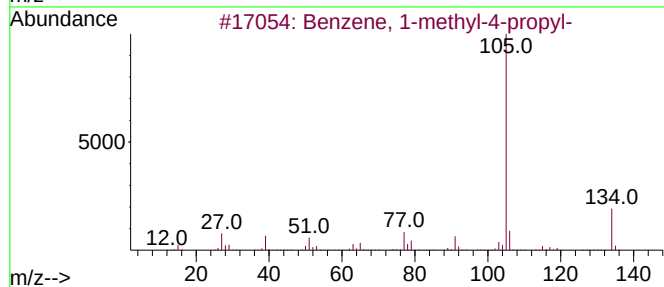
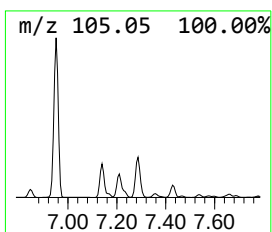
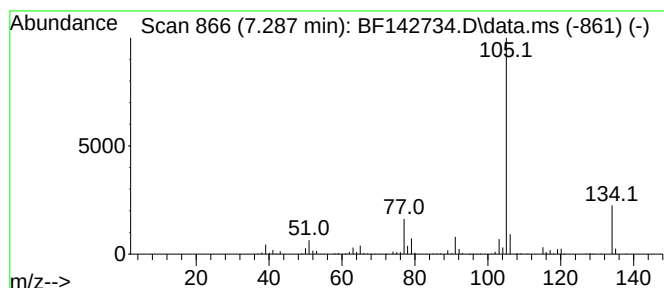
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1-methyl-4-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.287	17.89 ng	324276	1,4-Dichlorobenzene-d4	6.893

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4			2-Tolyloxirane	134	C9H10O	002783-26-8	87
5			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142734.D
Acq On : 11 Jun 2025 14:50
Operator : RC/JU
Sample : Q2268-03
Misc :
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ClientSampleId :
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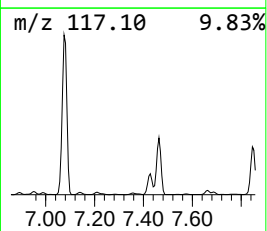
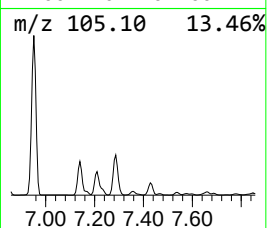
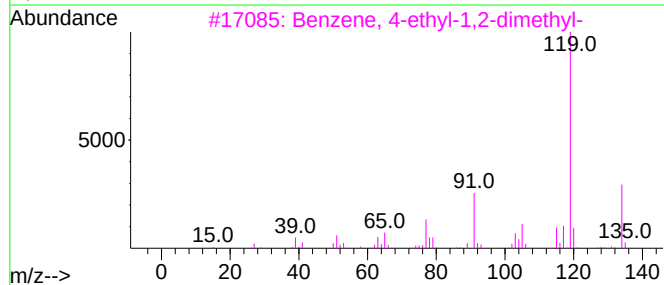
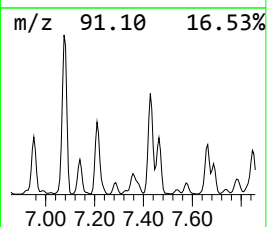
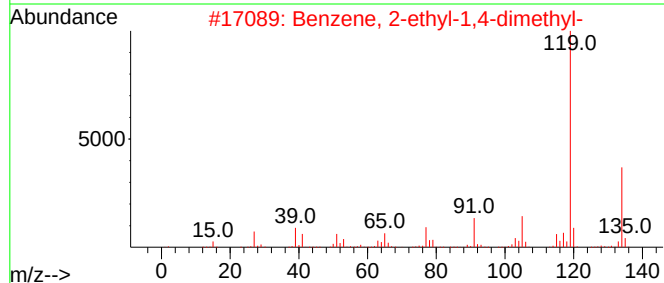
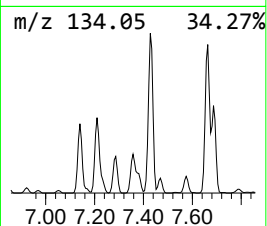
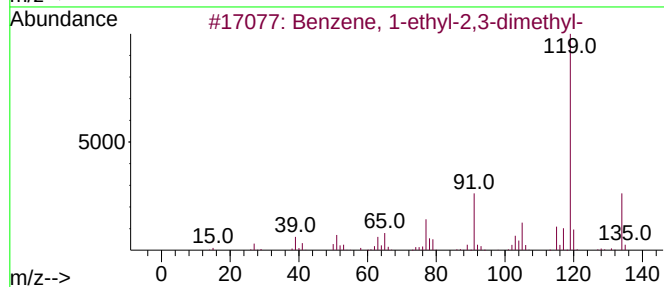
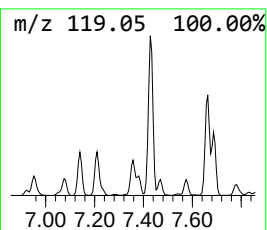
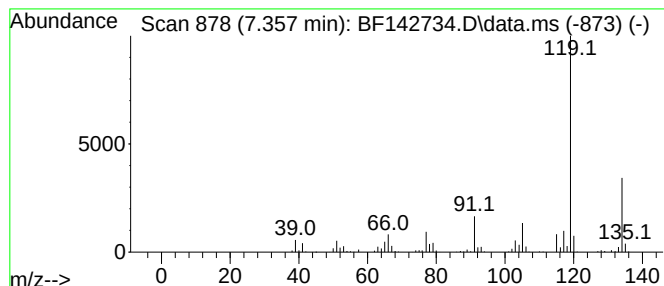
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.357	21.59 ng	391429	1,4-Dichlorobenzene-d4	6.893

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4			o-Cymene	134	C10H14	000527-84-4	91
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142734.D
Acq On : 11 Jun 2025 14:50
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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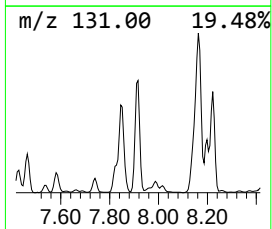
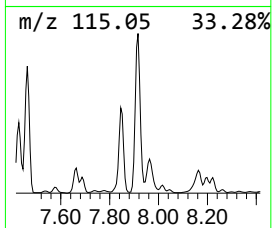
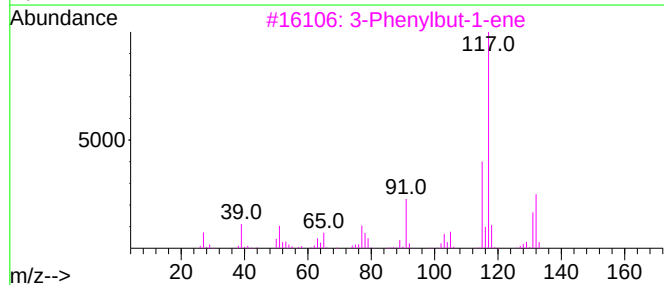
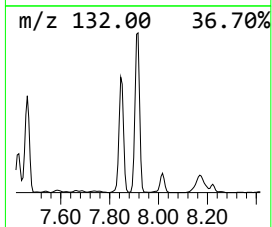
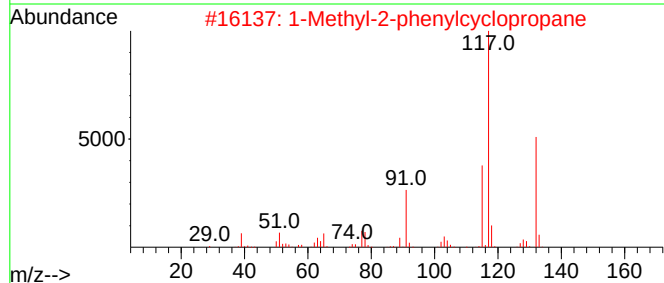
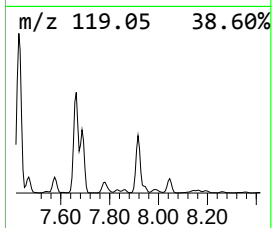
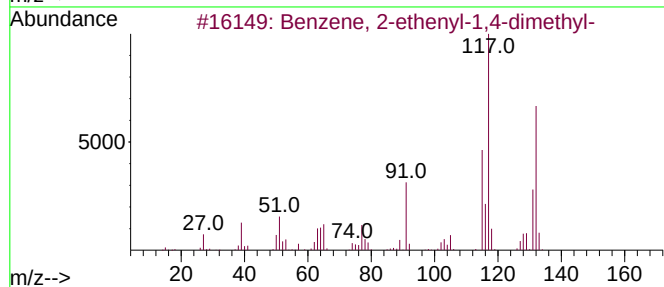
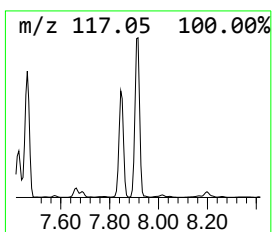
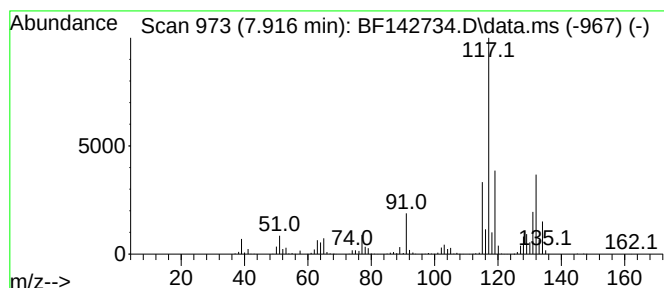
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.916	10.73 ng	2073380	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
4			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
5			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142734.D
Acq On : 11 Jun 2025 14:50
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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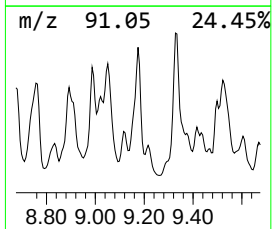
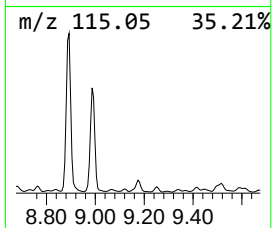
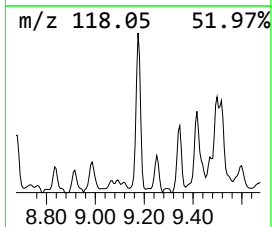
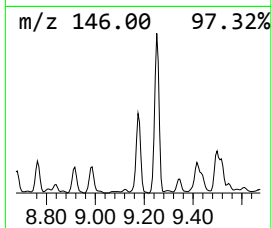
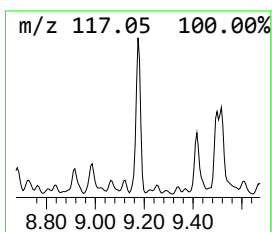
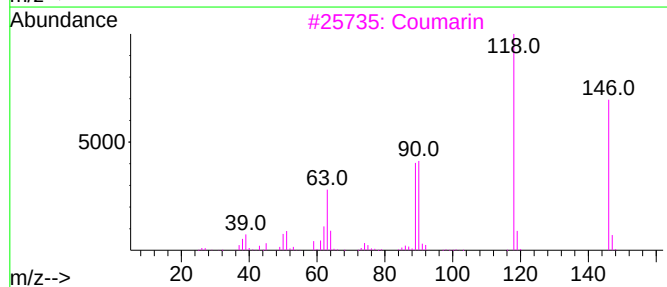
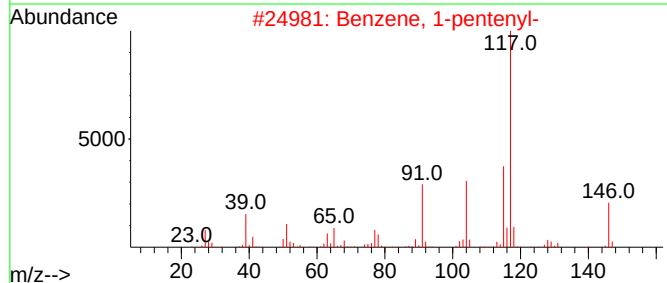
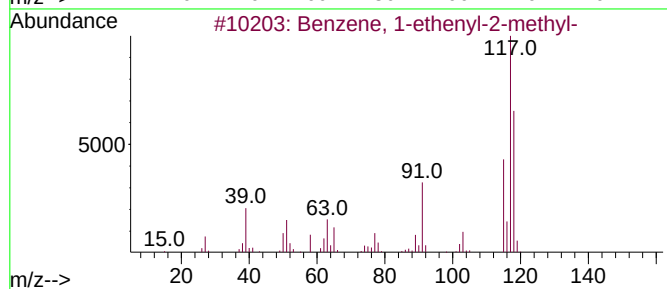
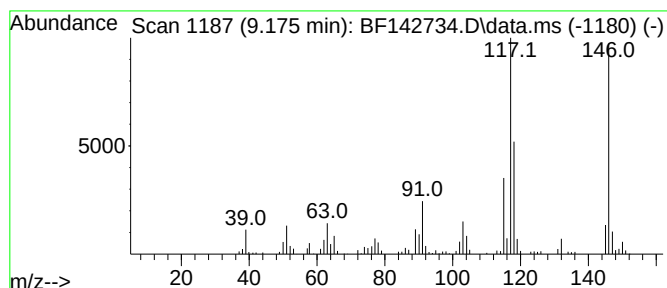
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 1-ethenyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	8.02 ng	193580	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
2			Benzene, 1-pentenyl-	146	C11H14	000826-18-6	62
3			Coumarin	146	C9H6O2	000091-64-5	55
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	50
5			2(1H)-Quinoxalinone	146	C8H6N2O	001196-57-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142734.D
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Operator : RC/JU
Sample : Q2268-03
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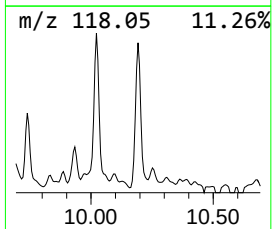
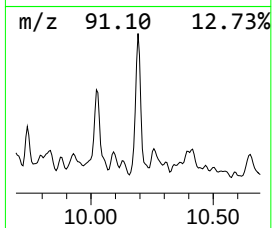
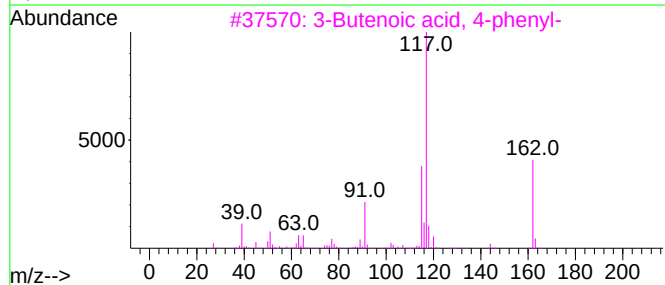
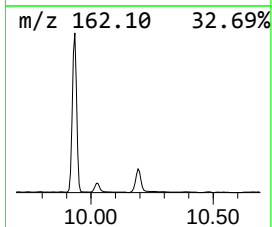
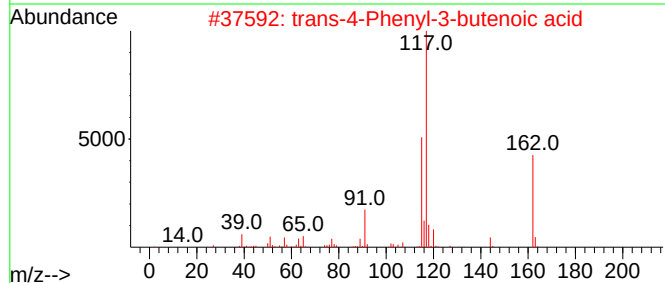
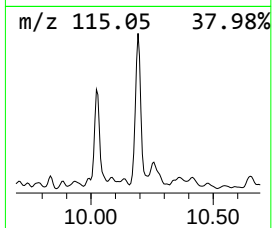
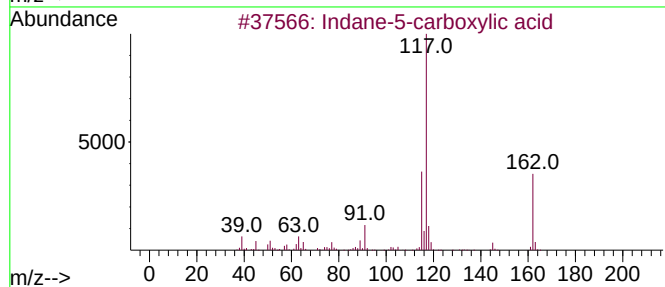
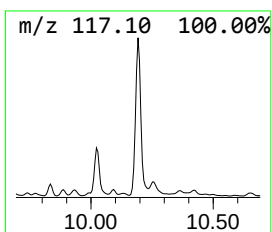
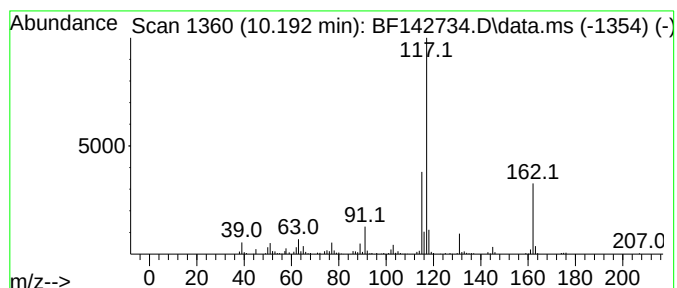
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ClientSampleId :
MW-2-20250605

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Indane-5-carboxylic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.192	9.56 ng	230606	Acenaphthene-d10		9.934	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Indane-5-carboxylic acid		162	C10H10O2	065898-38-6	93
2	trans-4-Phenyl-3-butenic acid		162	C10H10O2	001914-58-5	90
3	3-Butenoic acid, 4-phenyl-		162	C10H10O2	002243-53-0	87
4	1H-Indene, 1-ethyl-2,3-dihydro-		146	C11H14	004830-99-3	59
5	trans-Cinnamyl bromide		196	C9H9Br	026146-77-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142734.D
Acq On : 11 Jun 2025 14:50
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

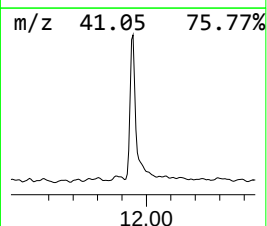
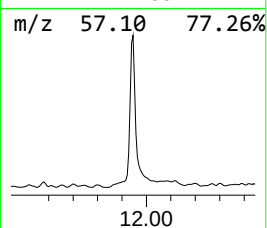
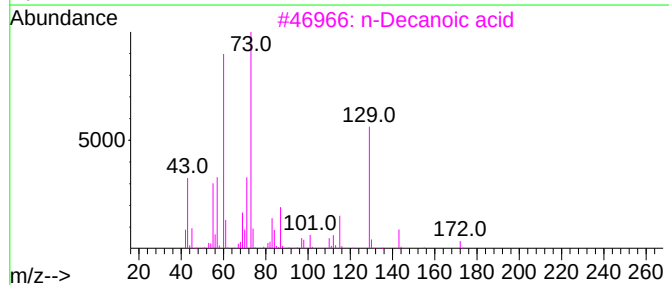
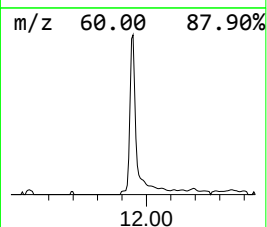
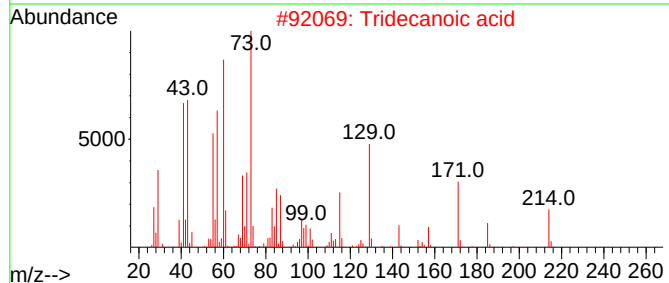
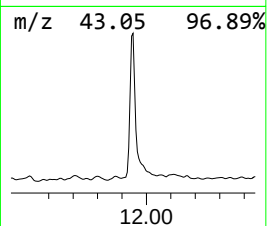
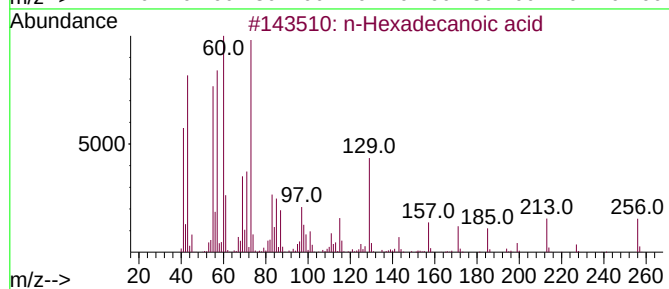
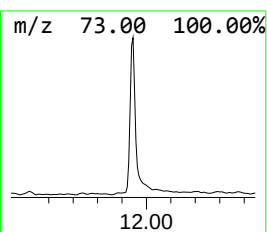
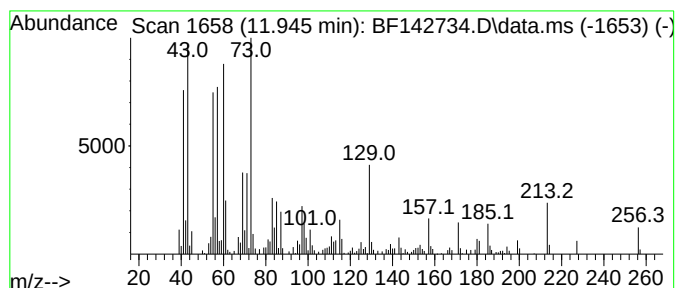
Instrument :
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ClientSampleId :
MW-2-20250605

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.945	8.95 ng	202488	Phenanthrene-d10	11.422	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	n-Decanoic acid	172	C10H20O2	000334-48-5	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142734.D
Acq On : 11 Jun 2025 14:50
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

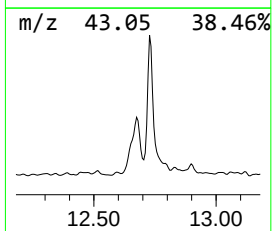
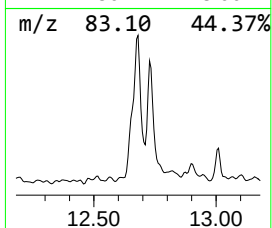
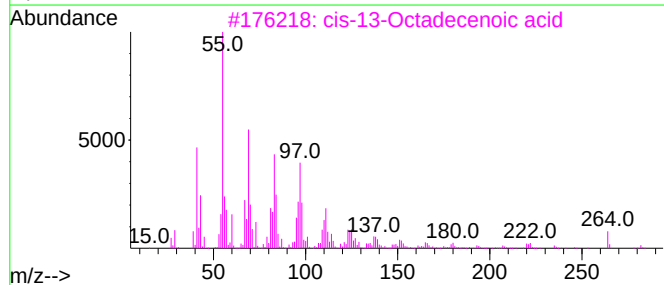
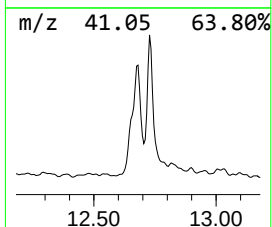
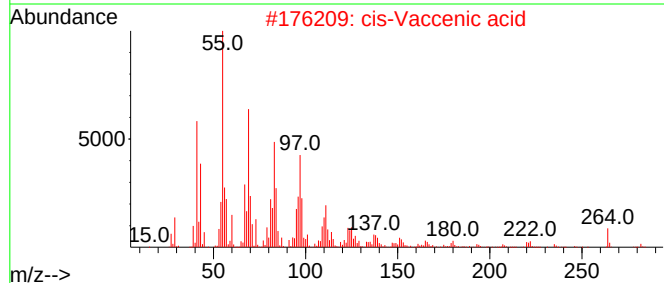
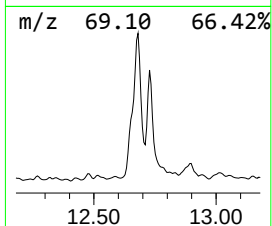
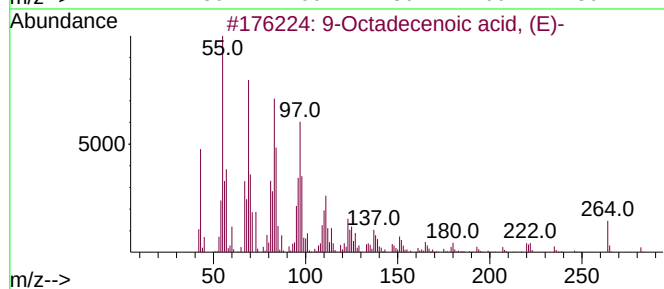
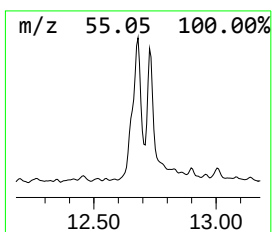
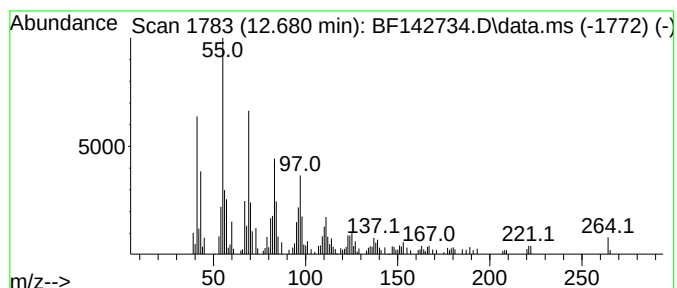
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 9-Octadecenoic acid, (E)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.680	7.97 ng	180276	Phenanthrene-d10	11.422	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	95
2	cis-Vaccenic acid	282	C18H34O2	000506-17-2	93
3	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	93
4	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	93
5	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142734.D
Acq On : 11 Jun 2025 14:50
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2-20250605

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.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-Hexene, 3-met...	2.569	14.1	ng	254701	1	6.893	362548	20.0
Cyclopentene, 4...	3.681	8.7	ng	157268	1	6.893	362548	20.0
Cyclopentene, 1...	4.663	11.3	ng	204404	1	6.893	362548	20.0
Benzene, 1,3-di...	5.387	178.1	ng	3228420	1	6.893	362548	20.0
Benzene, (1-met...	6.063	23.5	ng	426590	1	6.893	362548	20.0
N-Isobutyl(phen...	6.351	41.7	ng	756143	1	6.893	362548	20.0
Benzene, 1-ethy...	6.581	57.0	ng	1033410	1	6.893	362548	20.0
Benzene, 1,2,3-...	6.722	159.0	ng	2881560	1	6.893	362548	20.0
Benzene, 1-ethy...	6.951	76.2	ng	1380990	1	6.893	362548	20.0
Tetracyclo[3.3....	7.075	144.6	ng	2621320	1	6.893	362548	20.0
Benzene, 1,3-di...	7.140	28.6	ng	519139	1	6.893	362548	20.0
Benzene, 1,4-di...	7.210	34.4	ng	622819	1	6.893	362548	20.0
Benzene, 1-meth...	7.287	17.9	ng	324276	1	6.893	362548	20.0
Benzene, 1-ethy...	7.357	21.6	ng	391429	1	6.893	362548	20.0
Benzene, 2-ethe...	7.916	10.7	ng	2073380	2	8.181	3865820	20.0
Benzene, 1-ethe...	9.175	8.0	ng	193580	3	9.934	482449	20.0
Indane-5-carbox...	10.192	9.6	ng	230606	3	9.934	482449	20.0
n-Hexadecanoic ...	11.945	8.9	ng	202488	4	11.422	452518	20.0
9-Octadecenoic ...	12.680	8.0	ng	180276	4	11.422	452518	20.0