

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140691.D
 Acq On : 02 Dec 2024 16:21
 Operator : RC/JU
 Sample : P5021-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

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-BF112124.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140691.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	17	rVB	1907180	3000674	54.89%	4.748%
2	3.210	175	190	210	rVB	250974	513270	9.39%	0.812%
3	3.375	210	218	230	rBV	23141	59282	1.08%	0.094%
4	3.657	261	266	272	rVV3	31367	61828	1.13%	0.098%
5	3.734	272	279	289	rVB2	35627	70815	1.30%	0.112%
6	4.393	385	391	396	rVB2	44378	82067	1.50%	0.130%
7	4.887	469	475	483	rVB	92222	142761	2.61%	0.226%
8	4.987	483	492	498	rBV4	22991	63248	1.16%	0.100%
9	5.140	515	518	521	rBV	92245	126014	2.31%	0.199%
10	5.210	526	530	538	rVB	137240	198125	3.62%	0.314%
11	5.293	538	544	548	rBV	80256	112222	2.05%	0.178%
12	5.351	551	554	559	rVB	43133	55032	1.01%	0.087%
13	5.499	573	579	586	rVB	683518	964579	17.64%	1.526%
14	5.663	596	607	614	rBV3	78154	202417	3.70%	0.320%
15	5.722	614	617	621	rBV2	68493	92933	1.70%	0.147%
16	5.763	621	624	627	rBV2	43378	55435	1.01%	0.088%
17	5.922	642	651	657	rVB3	139829	260959	4.77%	0.413%
18	6.075	674	677	684	rVB2	48643	91287	1.67%	0.144%
19	6.157	684	691	694	rBV	70521	106652	1.95%	0.169%
20	6.204	694	699	701	rVV2	256685	372360	6.81%	0.589%
21	6.228	701	703	709	rVV	200129	226172	4.14%	0.358%
22	6.387	726	730	733	rBV	94538	120551	2.21%	0.191%
23	6.422	733	736	740	rBV4	40173	65139	1.19%	0.103%
24	6.469	740	744	747	rVB4	46214	62247	1.14%	0.098%
25	6.516	747	752	757	rBV	432834	680420	12.45%	1.077%
26	6.663	773	777	779	rVV2	49738	73095	1.34%	0.116%
27	6.698	779	783	786	rVV	99250	170108	3.11%	0.269%
28	6.763	787	794	802	rVB5	98436	332974	6.09%	0.527%
29	6.869	807	812	815	rBV	397808	524571	9.60%	0.830%
30	6.910	815	819	826	rVB2	404688	597390	10.93%	0.945%
31	7.045	834	842	846	rBV2	723548	1177821	21.55%	1.864%
32	7.116	849	854	857	rBV	476322	667562	12.21%	1.056%
33	7.204	863	869	872	rBV2	327259	625455	11.44%	0.990%
34	7.334	886	891	896	rBV2	72505	118809	2.17%	0.188%
35	7.404	896	903	905	rBV	1043913	1523446	27.87%	2.411%
36	7.434	905	908	912	rVV	1448897	2013014	36.82%	3.185%

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.593	912	935	937	rVV3	1124061	5466742	100.00%	8.650%
38	7.628	938	941	948	rVB3	1570658	2623714	47.99%	4.152%
39	7.722	954	957	961	rVB2	359761	470403	8.60%	0.744%
40	7.804	966	971	980	rVB5	389794	965700	17.67%	1.528%
41	7.887	980	985	992	rBV	566224	825027	15.09%	1.306%
42	8.151	1017	1030	1031	rBV2	655080	1432324	26.20%	2.266%
43	8.234	1042	1044	1048	rVB	89220	88090	1.61%	0.139%
44	8.298	1051	1055	1061	rVB5	191132	329893	6.03%	0.522%
45	8.351	1061	1064	1066	rBV3	55399	74721	1.37%	0.118%
46	8.422	1072	1076	1078	rBV	197088	272418	4.98%	0.431%
47	8.528	1090	1094	1099	rVB2	175724	266871	4.88%	0.422%
48	8.587	1099	1104	1107	rBV	134256	215176	3.94%	0.340%
49	8.681	1116	1120	1122	rBV	173676	227733	4.17%	0.360%
50	8.710	1122	1125	1126	rVV	123527	144948	2.65%	0.229%
51	8.751	1126	1132	1139	rVB	1978003	3003708	54.95%	4.753%
52	8.822	1139	1144	1149	rBV3	209064	323549	5.92%	0.512%
53	8.892	1152	1156	1159	rVV2	207892	282908	5.18%	0.448%
54	8.934	1160	1163	1164	rVV2	143852	167325	3.06%	0.265%
55	8.963	1164	1168	1177	rVV2	1007611	1674741	30.64%	2.650%
56	9.039	1177	1181	1187	rVB4	214046	351890	6.44%	0.557%
57	9.092	1187	1190	1193	rBV	84737	115315	2.11%	0.182%
58	9.134	1193	1197	1203	rBV5	93515	184967	3.38%	0.293%
59	9.228	1204	1213	1217	rVB	2181023	3062643	56.02%	4.846%
60	9.269	1217	1220	1223	rBV	47741	54676	1.00%	0.087%
61	9.304	1223	1226	1234	rVB4	58016	111627	2.04%	0.177%
62	9.392	1238	1241	1245	rVB2	125011	161237	2.95%	0.255%
63	9.475	1246	1255	1260	rBV3	494266	1495315	27.35%	2.366%
64	9.581	1261	1273	1283	rVB2	1477566	5438181	99.48%	8.605%
65	9.704	1286	1294	1301	rVB	670799	1222607	22.36%	1.935%
66	9.792	1301	1309	1316	rVB	869680	1739666	31.82%	2.753%
67	9.851	1316	1319	1322	rBV	79213	109270	2.00%	0.173%
68	9.910	1323	1329	1332	rBV	699026	1038923	19.00%	1.644%
69	9.939	1332	1334	1338	rVB	399946	399750	7.31%	0.633%
70	10.010	1338	1346	1350	rBV2	305434	508843	9.31%	0.805%
71	10.069	1353	1356	1359	rVB3	86105	90830	1.66%	0.144%
72	10.110	1359	1363	1365	rBV2	149754	234252	4.29%	0.371%
73	10.134	1365	1367	1375	rVB2	260051	411935	7.54%	0.652%
74	10.204	1375	1379	1386	rBV3	68741	128676	2.35%	0.204%
75	10.269	1386	1390	1393	rBV2	172446	245772	4.50%	0.389%
76	10.375	1404	1408	1417	rVB3	103405	228981	4.19%	0.362%

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77	10.457	1417	1422	1425	rBV	165725	214027	3.92%	0.339%
78	10.498	1425	1429	1431	rBV2	59487	80387	1.47%	0.127%
79	10.622	1446	1450	1457	rVB2	186387	264582	4.84%	0.419%
80	10.704	1458	1464	1469	rBV	1481818	2025221	37.05%	3.205%
81	10.828	1480	1485	1493	rBV2	228625	375868	6.88%	0.595%
82	11.122	1532	1535	1543	rVB4	23080	57616	1.05%	0.091%
83	11.257	1553	1558	1563	rBV	710996	938612	17.17%	1.485%
84	11.316	1565	1568	1573	rVV	128974	171036	3.13%	0.271%
85	11.398	1577	1582	1589	rVV	633200	853364	15.61%	1.350%
86	11.469	1590	1594	1598	rVV2	71889	114645	2.10%	0.181%
87	11.510	1598	1601	1615	rVB	55553	116750	2.14%	0.185%
88	11.633	1616	1622	1627	rBV	289627	397842	7.28%	0.630%
89	11.922	1666	1671	1679	rVV2	268125	430148	7.87%	0.681%
90	12.016	1683	1687	1693	rVB2	92199	133454	2.44%	0.211%
91	12.080	1694	1698	1705	rBV4	33125	69972	1.28%	0.111%
92	12.616	1784	1789	1794	rBV	261478	351886	6.44%	0.557%
93	12.704	1800	1804	1809	rVB	38220	54919	1.00%	0.087%
94	12.845	1821	1828	1840	rVB	224202	369195	6.75%	0.584%
95	12.980	1845	1851	1860	rBV	2171063	2981046	54.53%	4.717%
96	13.157	1876	1881	1888	rBV2	26434	57717	1.06%	0.091%
97	13.869	1997	2002	2015	rVB3	71288	135267	2.47%	0.214%
98	14.045	2024	2032	2046	rVB	457650	689211	12.61%	1.091%
99	15.551	2282	2288	2303	rVB	281040	511001	9.35%	0.809%

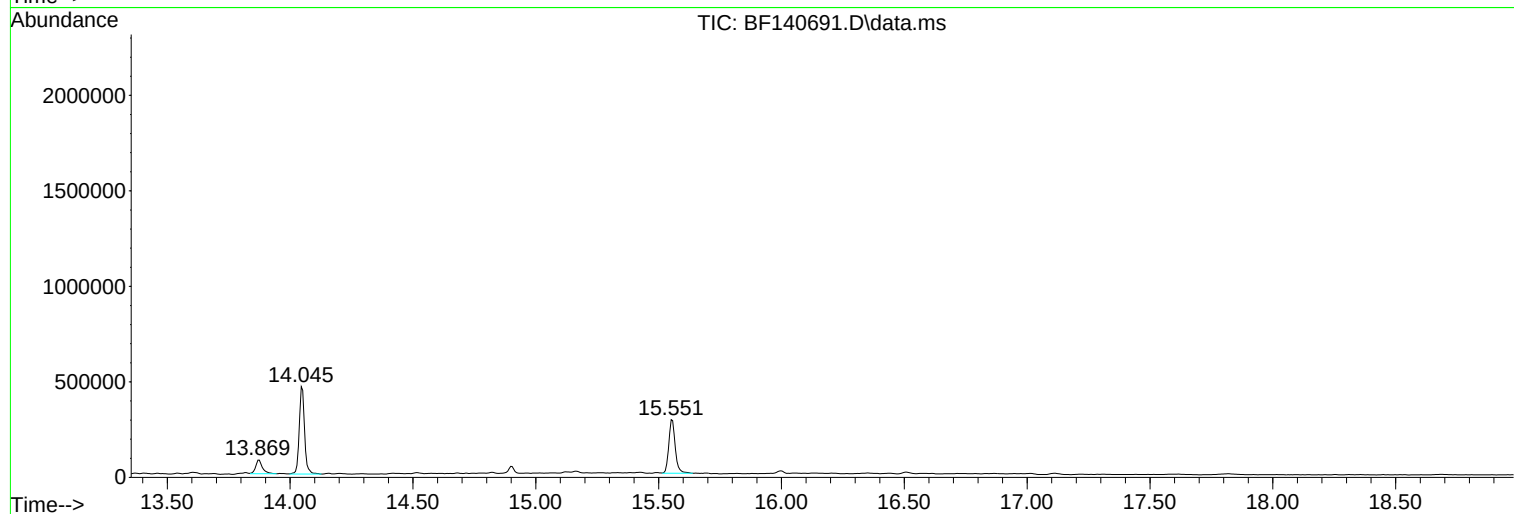
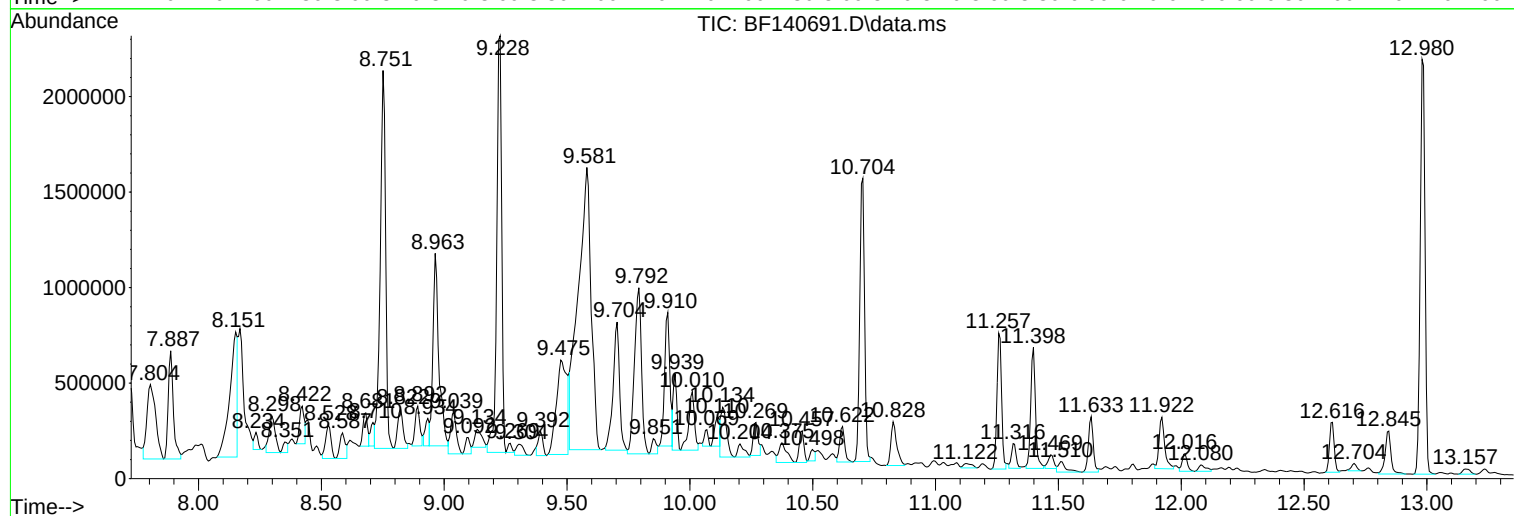
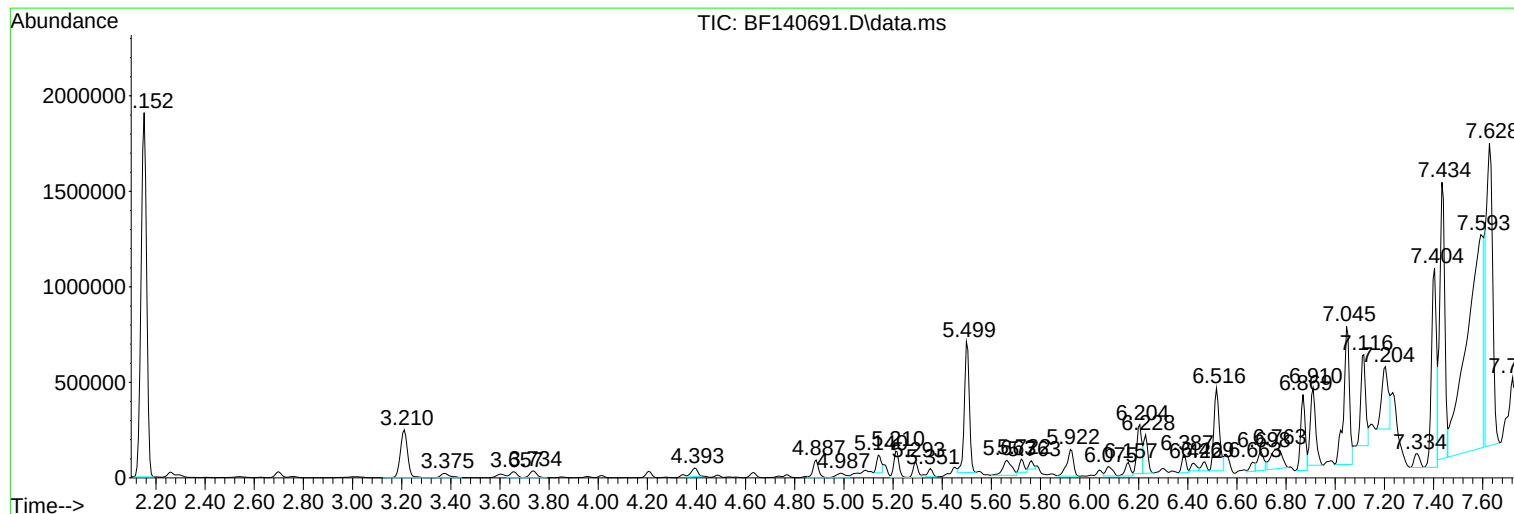
Sum of corrected areas: 63195847

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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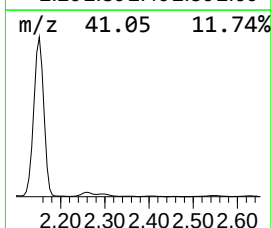
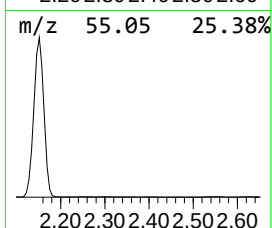
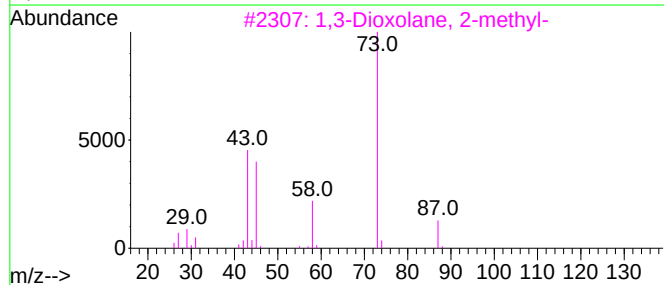
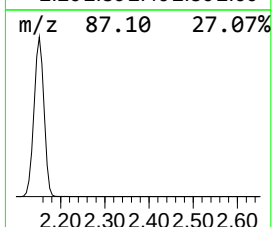
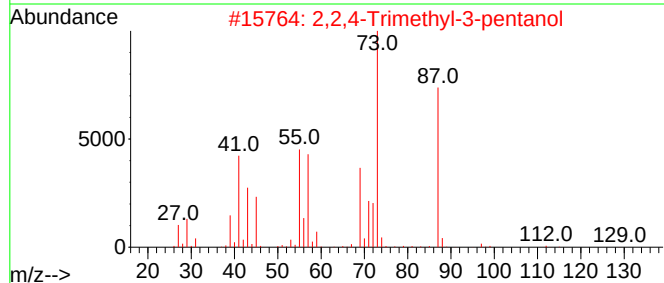
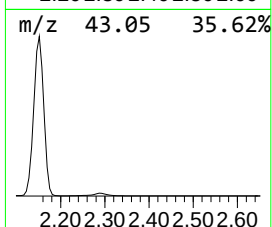
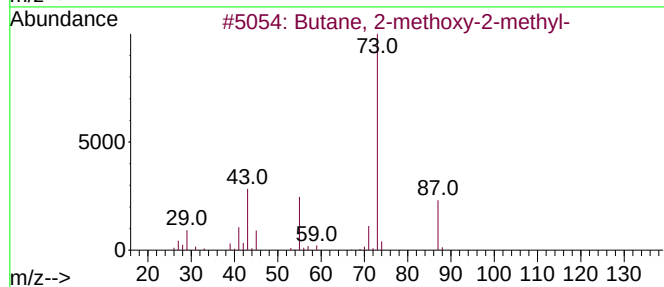
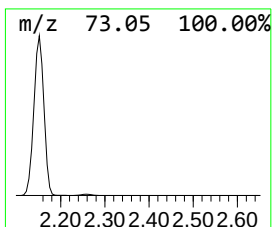
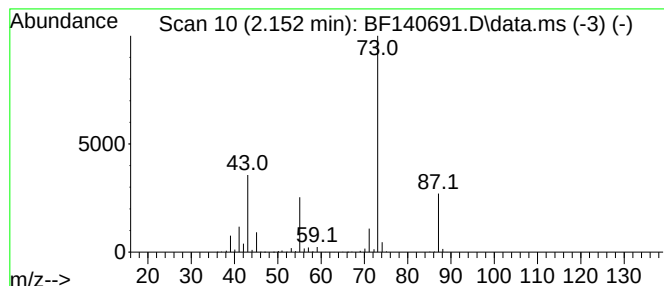
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	114.41 ng	3000670	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	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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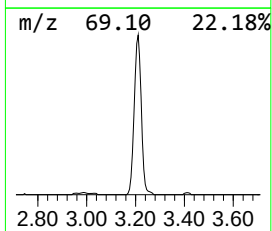
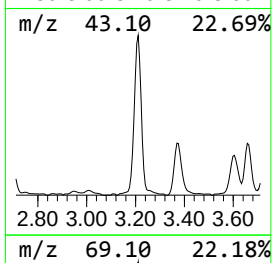
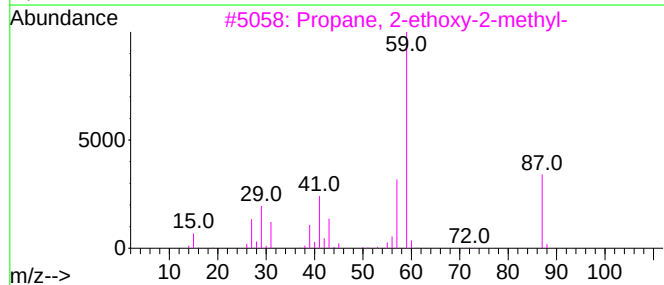
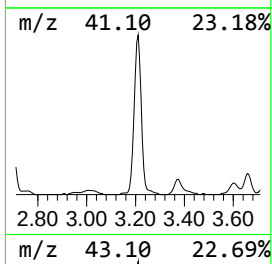
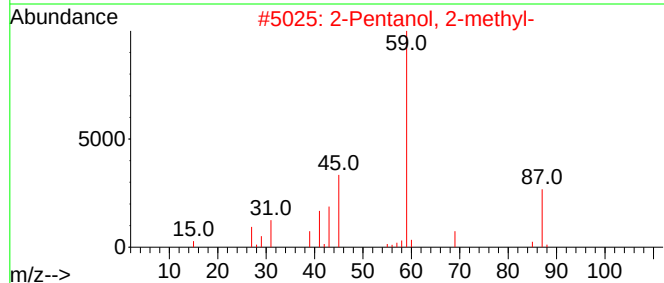
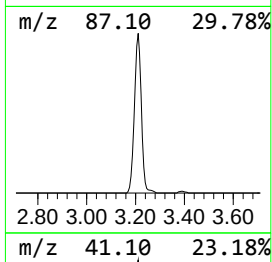
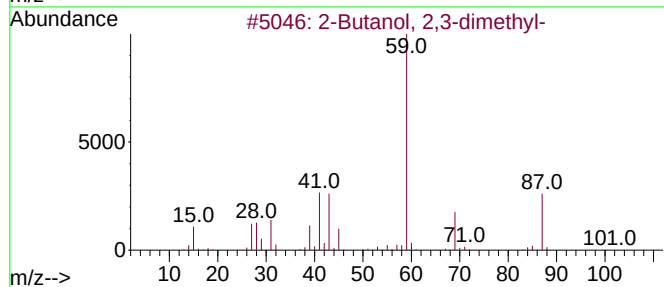
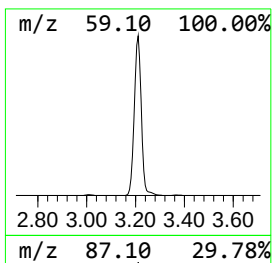
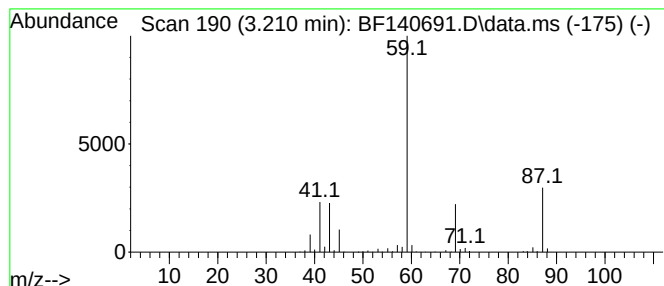
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Butanol, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.210	19.57 ng	513270	1,4-Dichlorobenzene-d4	6.869

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	83
2		2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	56
3		Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	50
4		Amylene hydrate	88	C5H12O	000075-85-4	42
5		3-Heptanol	116	C7H16O	000589-82-2	40



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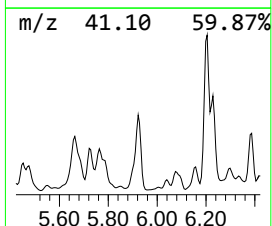
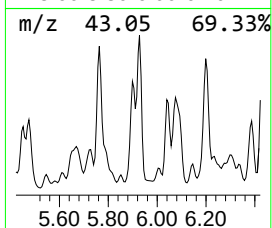
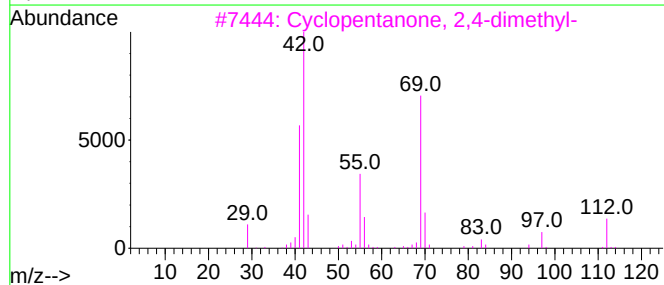
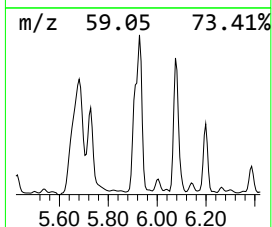
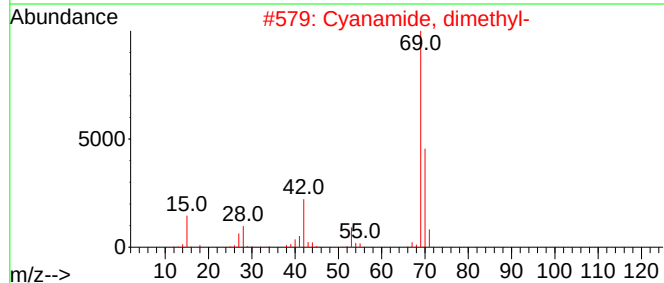
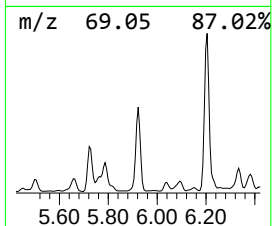
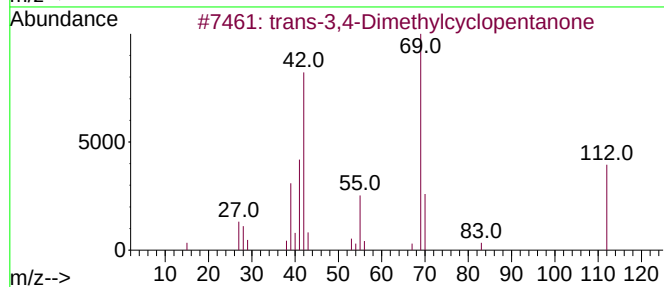
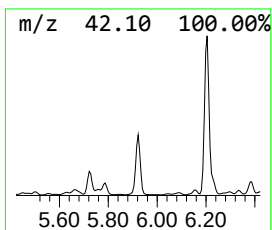
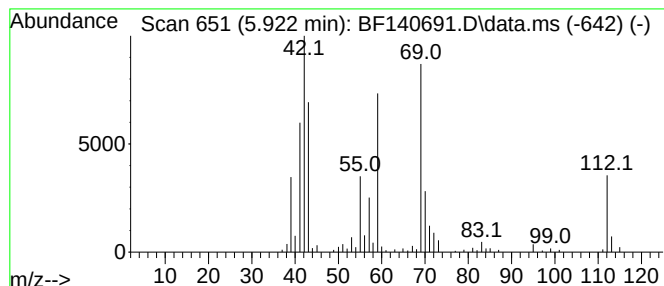
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 trans-3,4-Dimethylcyclopent... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.922	9.95 ng	260959	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-3,4-Dimethylcyclopentanone	112	C7H12O	019550-73-3	58
2			Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	46
3			Cyclopentanone, 2,4-dimethyl-	112	C7H12O	001121-33-1	40
4			4-Methyl-2-heptene	112	C8H16	003404-56-6	27
5			2-Methylthiolane, S,S-dioxide	134	C5H10O2S	001003-46-9	25



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Sample : P5021-01
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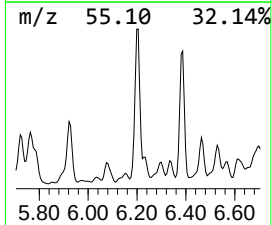
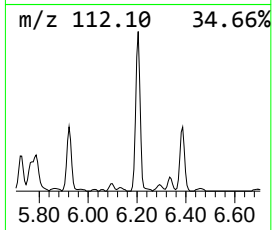
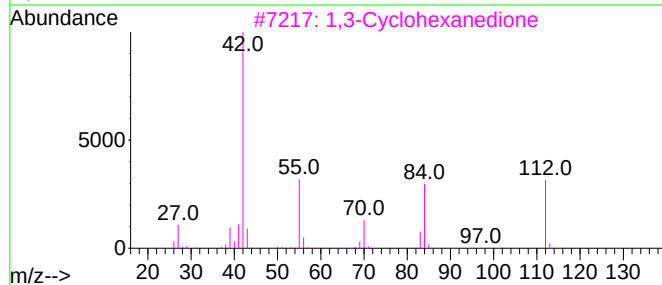
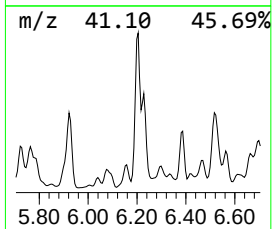
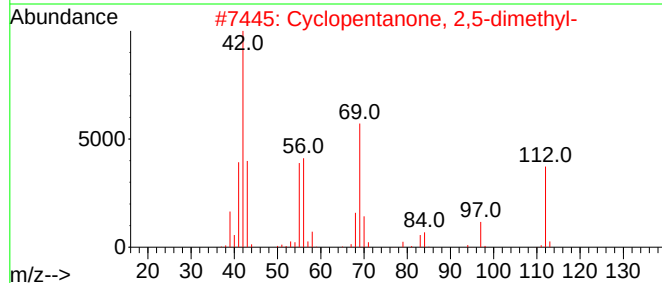
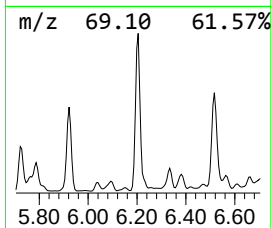
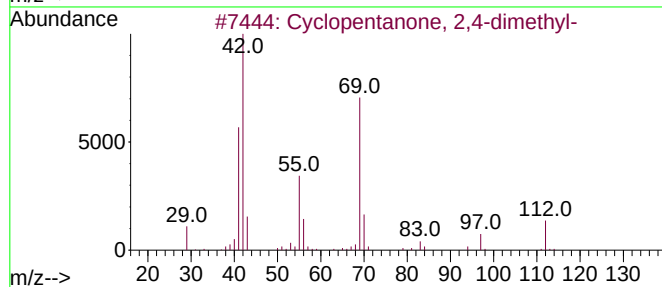
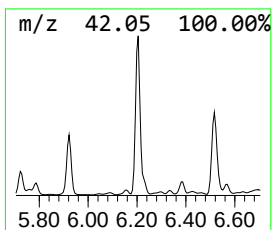
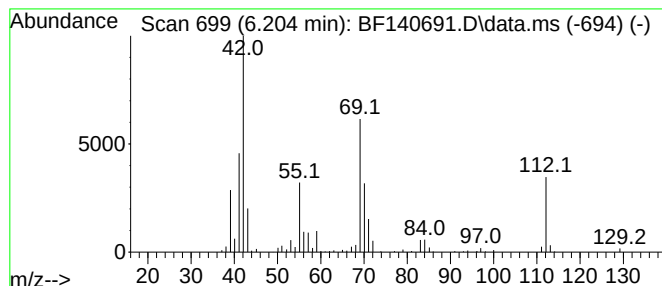
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclopentanone, 2,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.204	14.20 ng	372360	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentanone, 2,4-dimethyl-	112	C7H12O	001121-33-1	59
2			Cyclopentanone, 2,5-dimethyl-	112	C7H12O	004041-09-2	58
3			1,3-Cyclohexanedione	112	C6H8O2	000504-02-9	52
4			trans-3,4-Dimethylcyclopentanone	112	C7H12O	019550-73-3	50
5			Cyclopentane	70	C5H10	000287-92-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
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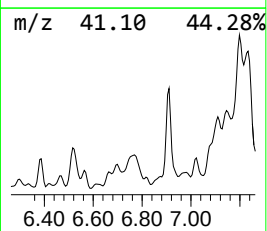
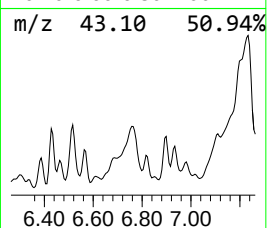
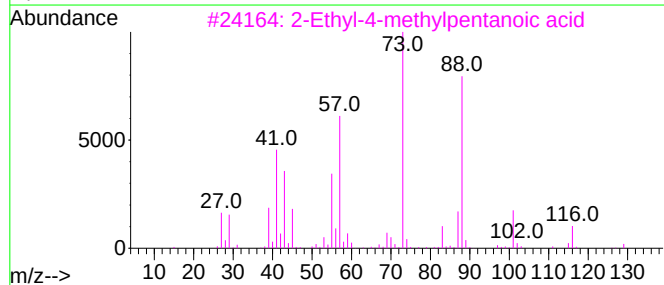
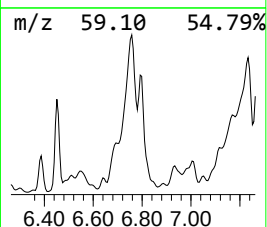
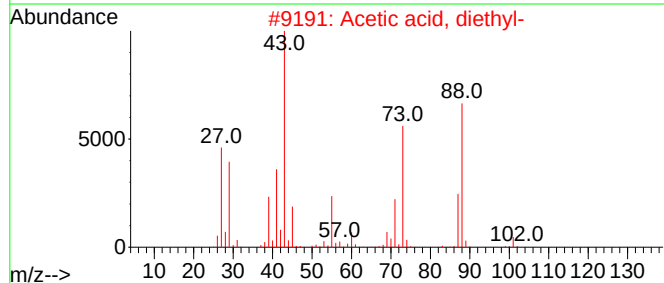
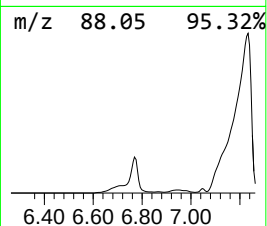
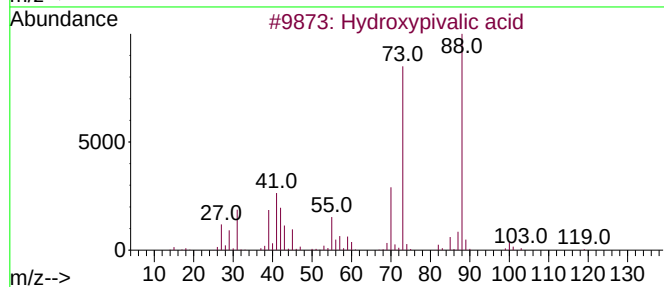
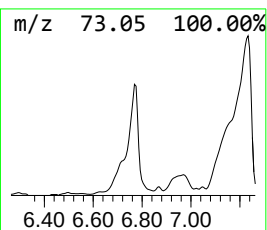
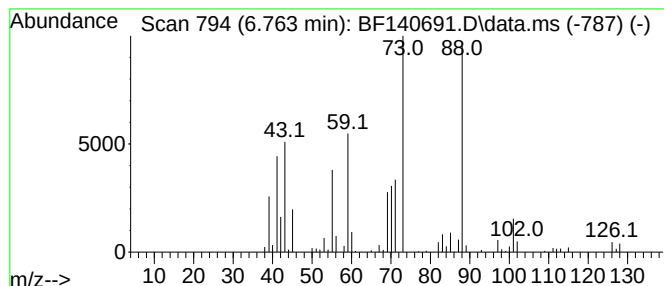
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown6.763 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.763	12.70 ng	332974	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hydroxypivalic acid	118	C5H10O3	004835-90-9	47
2			Acetic acid, diethyl-	116	C6H12O2	000088-09-5	42
3			2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	37
4			Sulfide, allyl methyl	88	C4H8S	010152-76-8	37
5			Urea, ethyl-	88	C3H8N2O	000625-52-5	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140691.D
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Misc :
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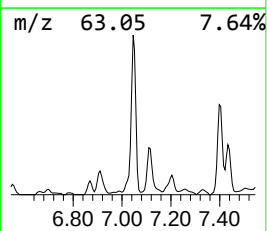
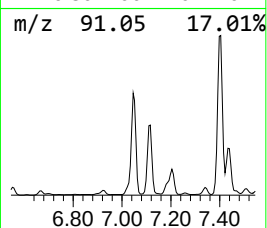
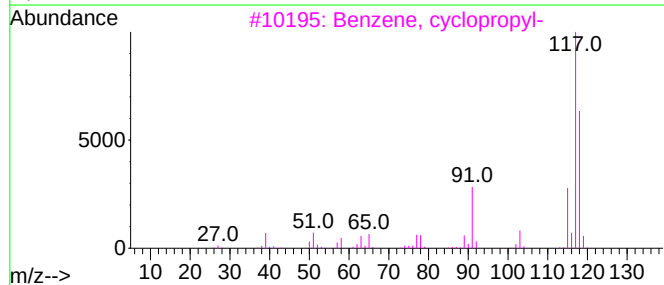
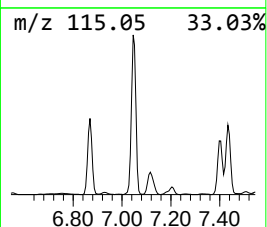
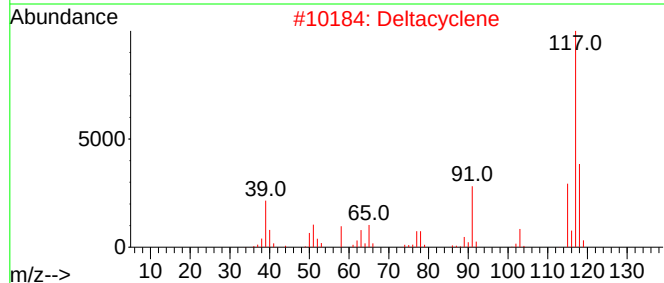
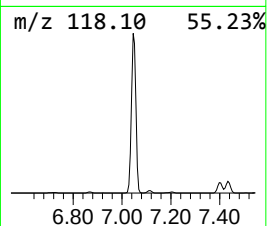
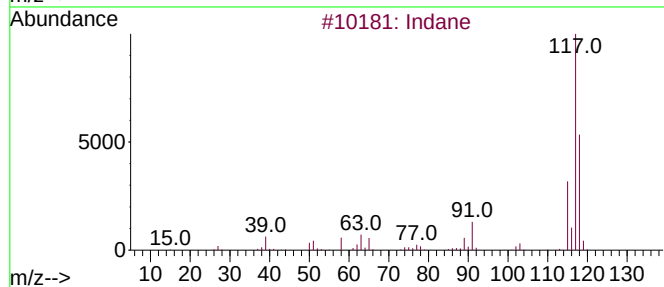
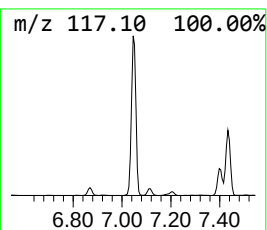
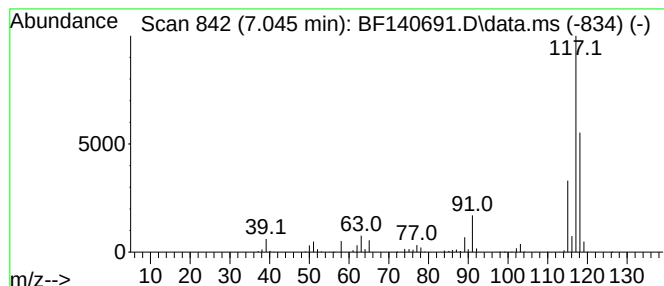
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.045	44.91 ng	1177820	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	93
2			Deltacyclene	118	C9H10	007785-10-6	72
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64



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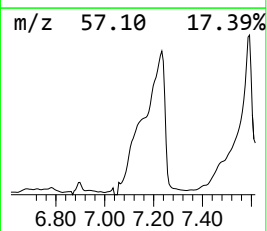
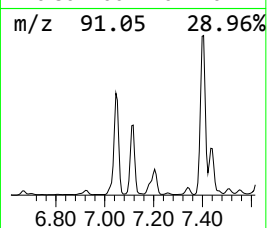
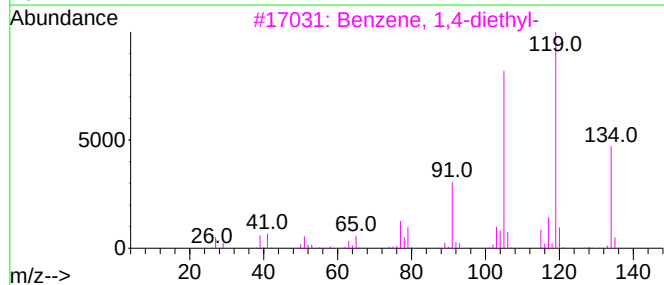
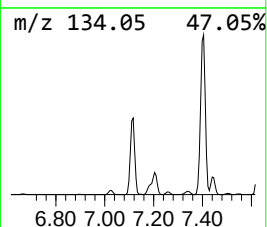
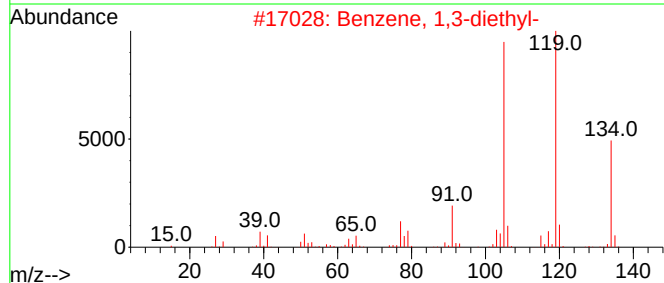
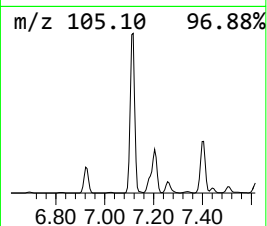
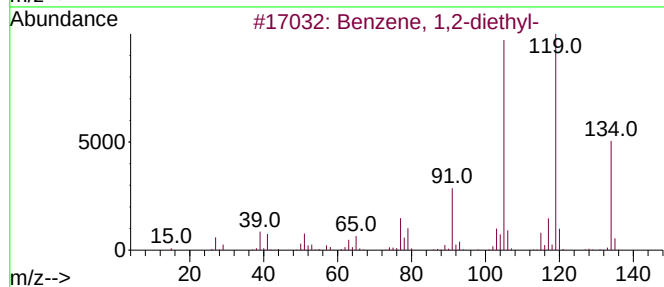
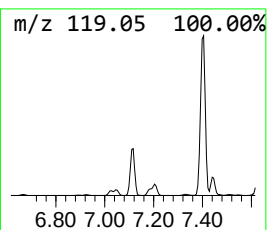
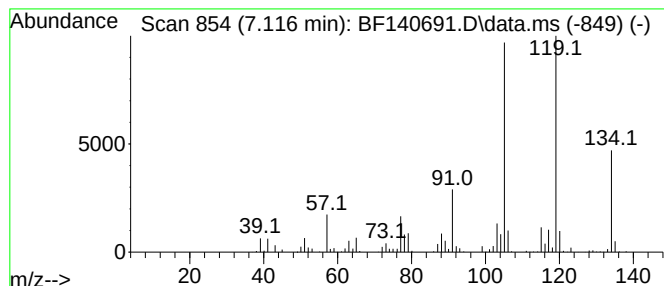
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.116	25.45 ng	667562	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90



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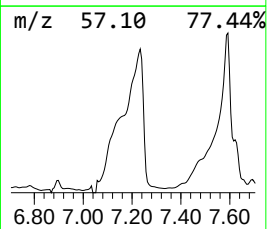
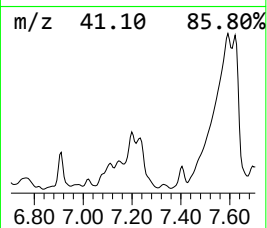
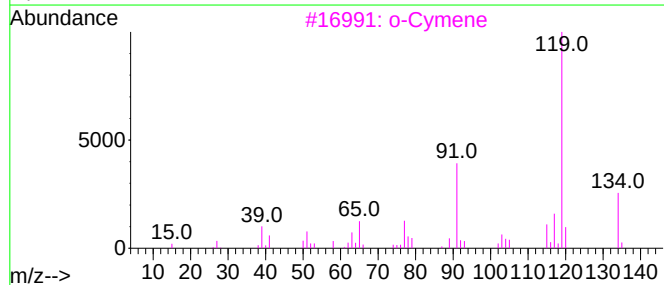
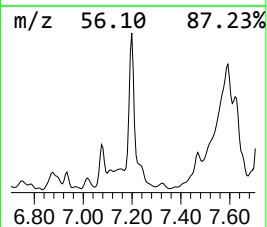
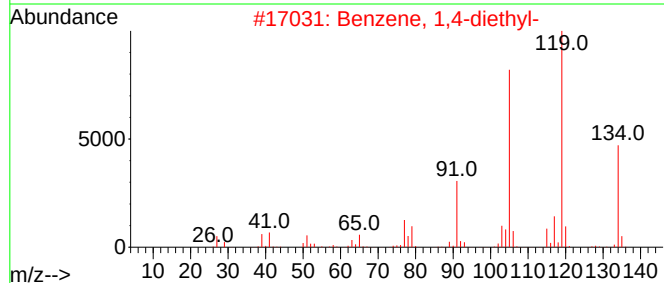
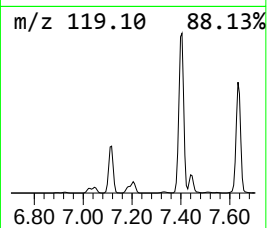
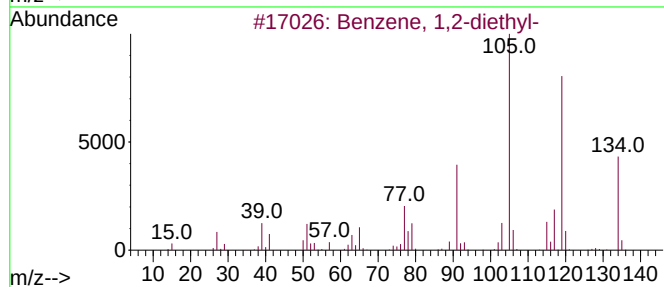
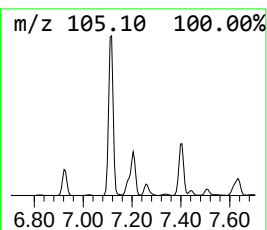
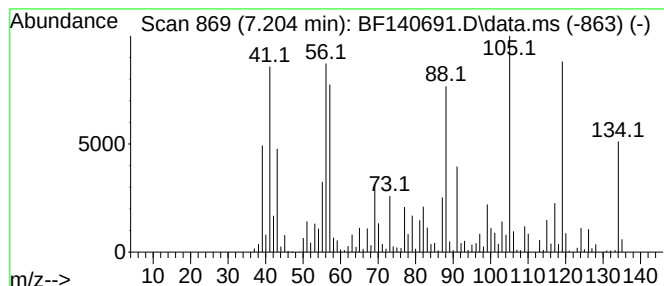
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown7.204 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.204	23.85 ng	625455	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	38
3			o-Cymene	134	C10H14	000527-84-4	38
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	38
5			Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	35



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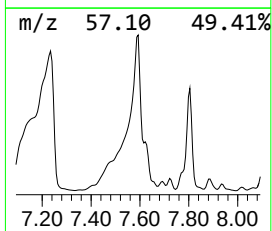
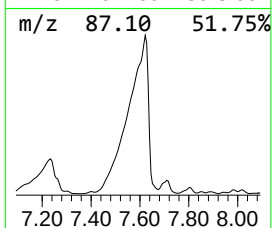
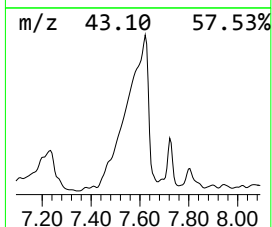
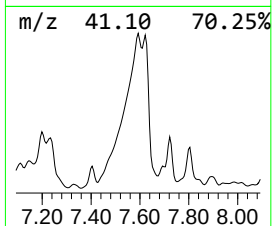
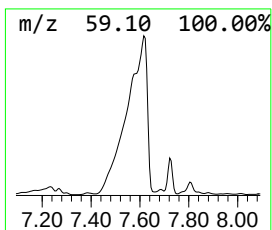
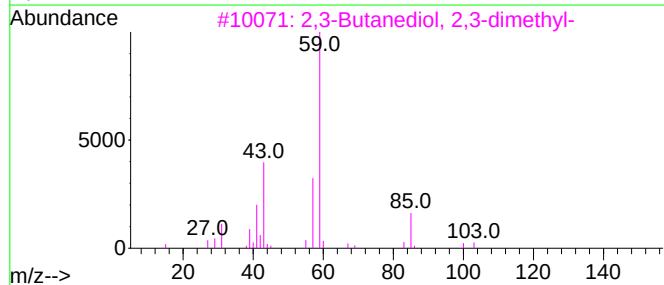
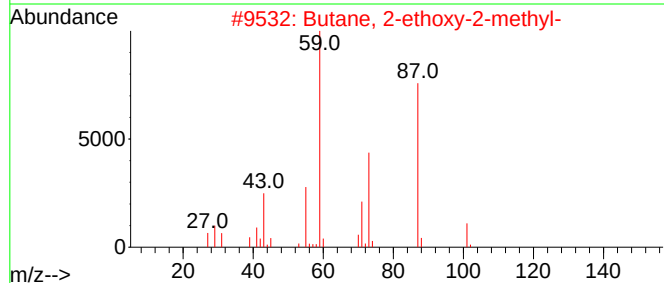
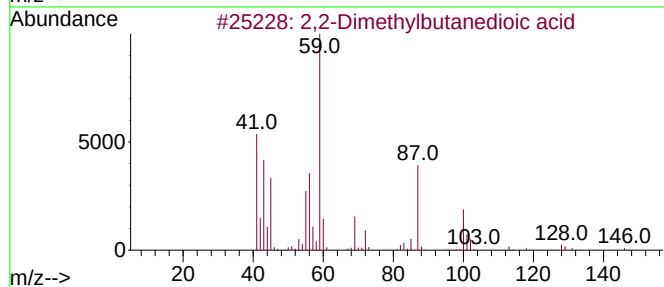
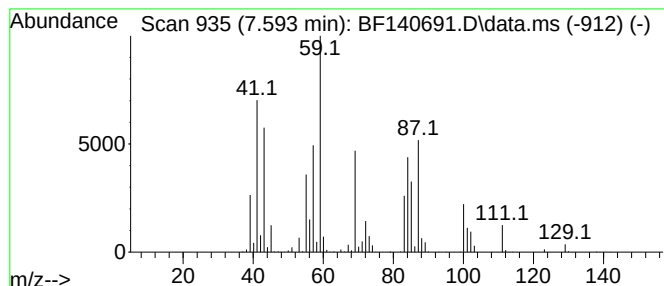
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 2,2-Dimethylbutanedioic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.593	76.33 ng	5466740	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylbutanedioic acid	146	C6H10O4	000597-43-3	50		
2	Butane, 2-ethoxy-2-methyl-	116	C7H16O	000919-94-8	38		
3	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	27		
4	2-Pentanol, 2-methyl-, acetate	144	C8H16O2	034859-98-8	25		
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	22		



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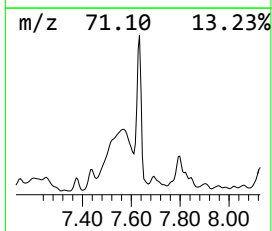
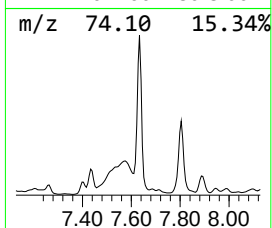
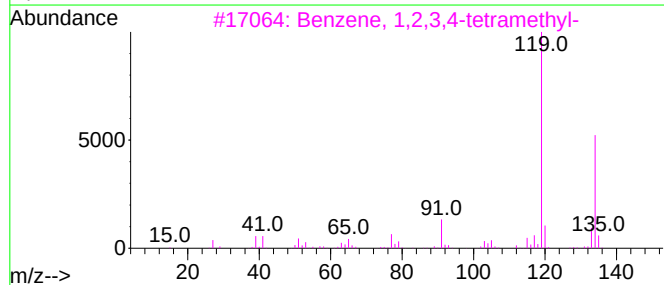
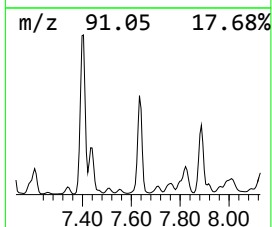
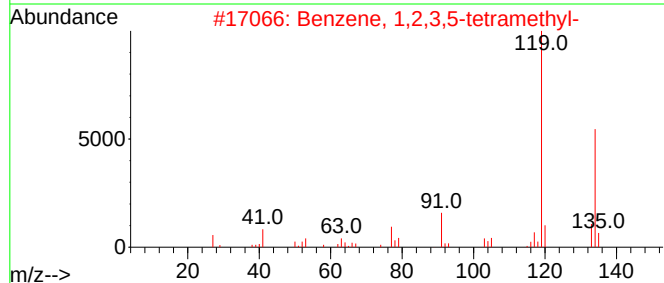
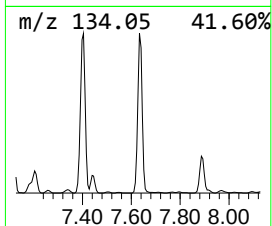
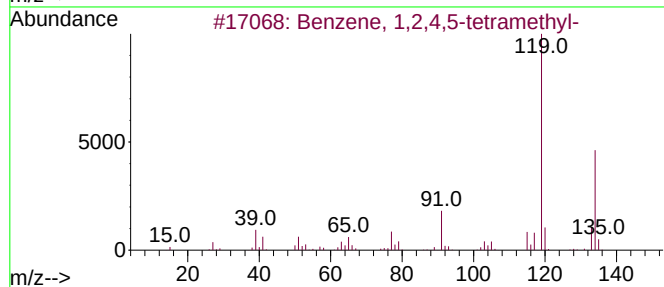
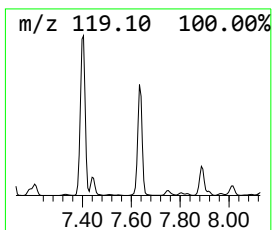
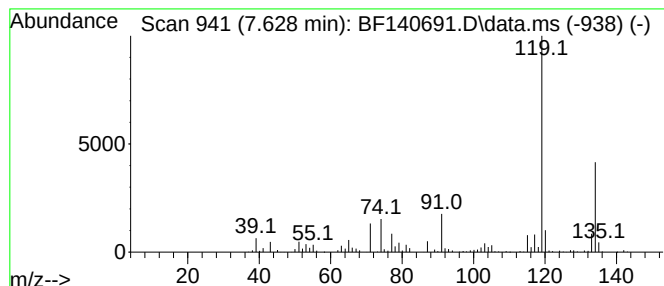
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.628	36.64 ng	2623710	Naphthalene-d8	8.151

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4		o-Cymene	134	C10H14	000527-84-4	93
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140691.D
Acq On : 02 Dec 2024 16:21
Operator : RC/JU
Sample : P5021-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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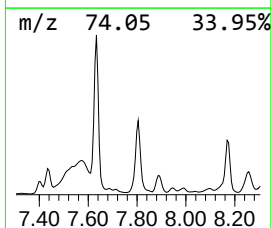
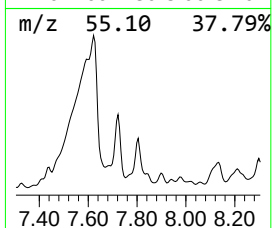
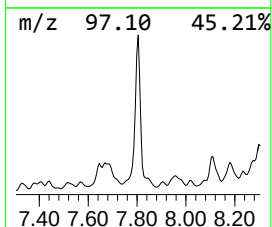
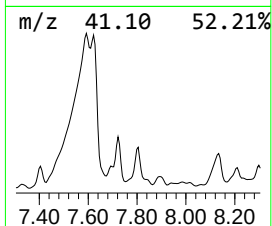
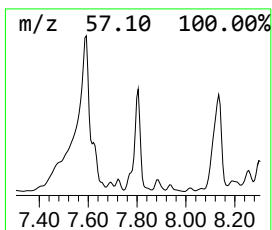
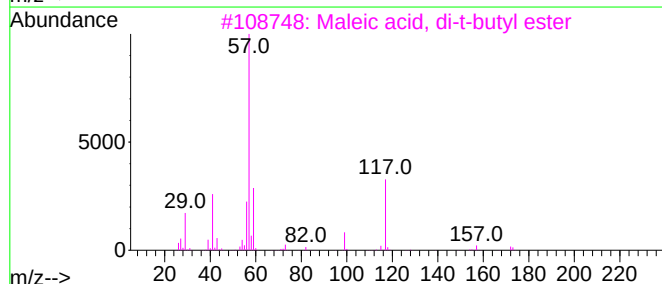
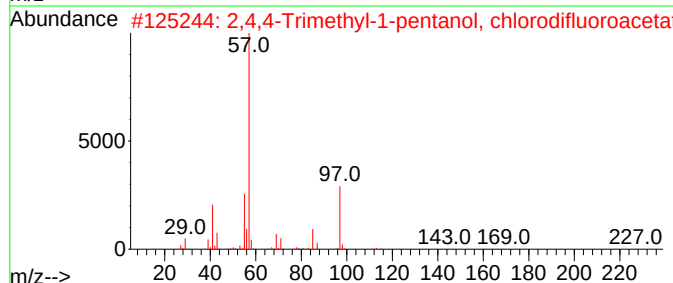
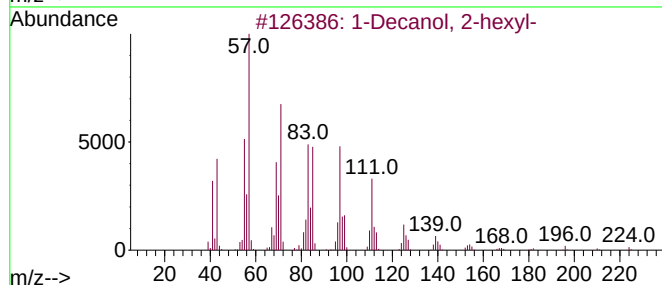
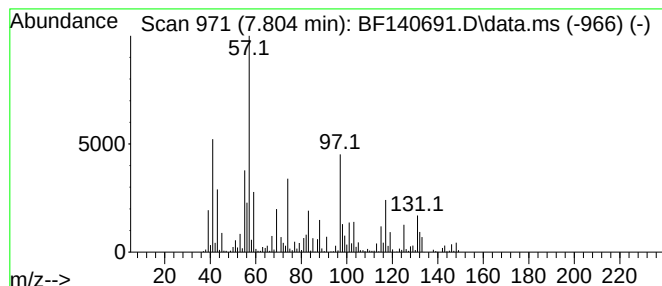
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown7.804 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.804	13.48 ng	965700	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-			242	C16H34O	002425-77-6	12
2	2,4,4-Trimethyl-1-pentanol, chlo...			242	C10H17ClF2O2	1000447-27-2	10
3	Maleic acid, di-t-butyl ester			228	C12H20O4	018305-60-7	10
4	2,4,4-Trimethyl-1-pentanol, trif...			226	C10H17F3O2	1000365-19-5	10
5	1H-Pyrrole-2,5-dione			97	C4H3NO2	000541-59-3	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
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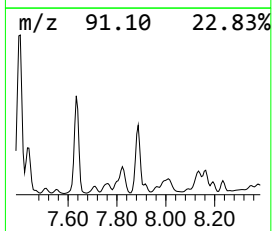
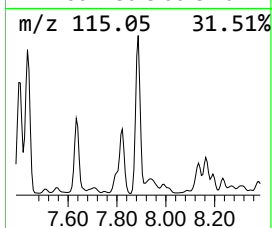
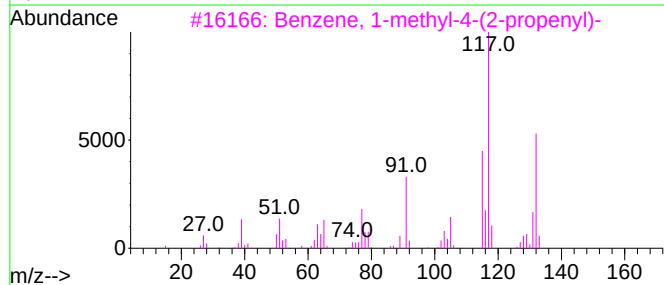
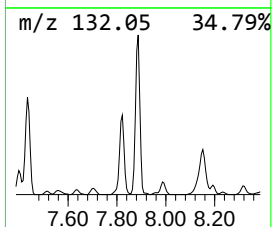
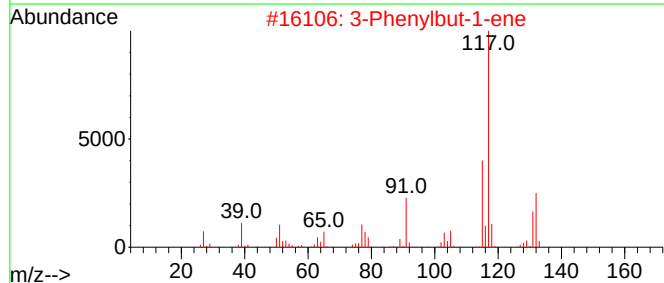
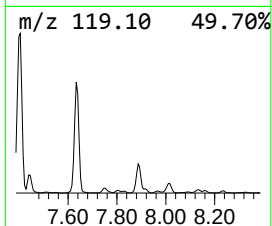
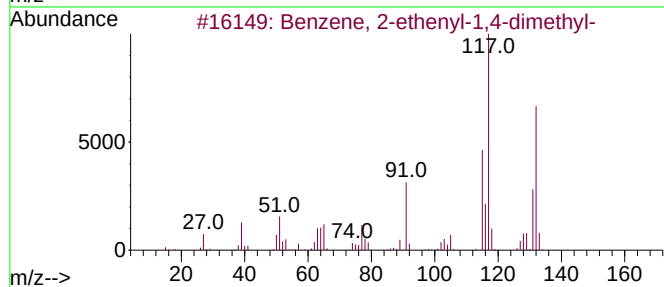
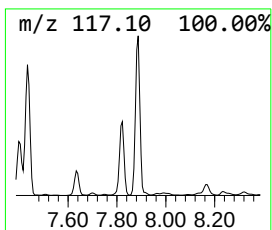
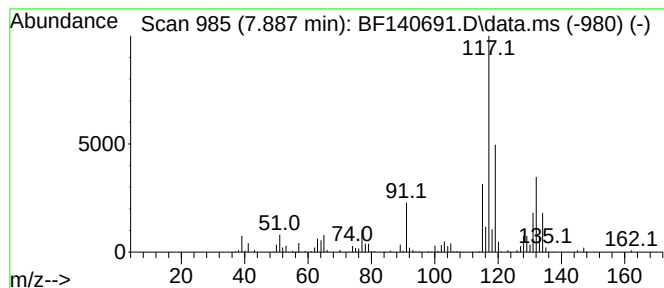
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.887	11.52 ng	825027	Naphthalene-d8	8.151

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
3		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	68



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Sample : P5021-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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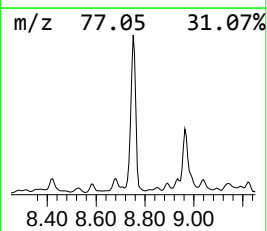
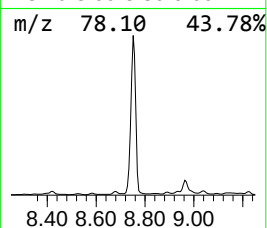
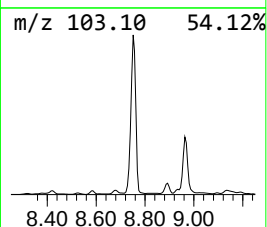
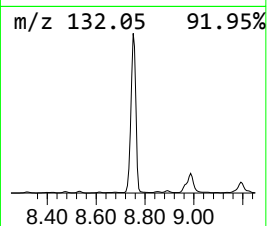
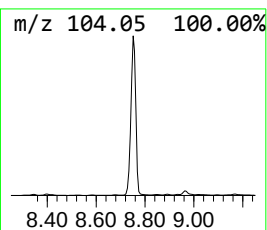
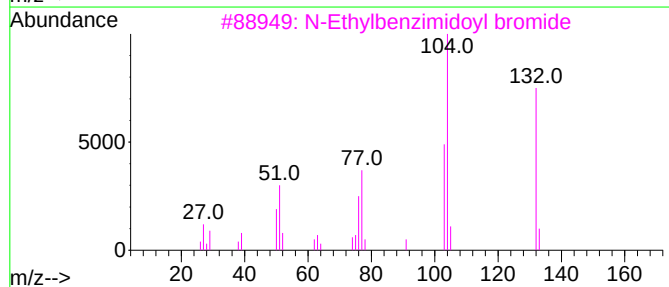
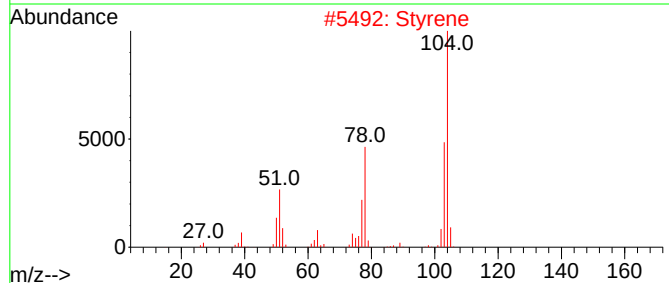
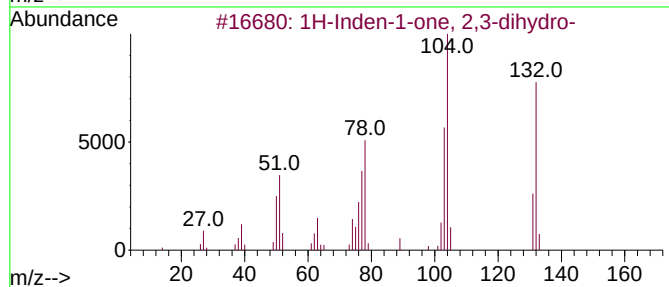
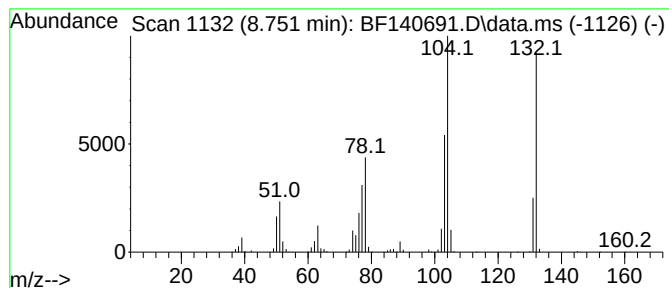
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.751	41.94 ng	3003710	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	94
2			Styrene	104	C8H8	000100-42-5	91
3			N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	64
4			1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	64
5			Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140691.D
Acq On : 02 Dec 2024 16:21
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Sample : P5021-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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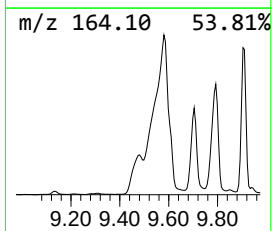
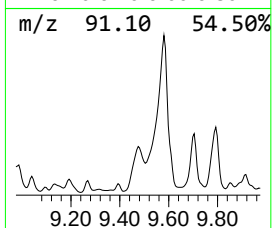
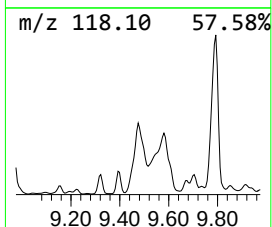
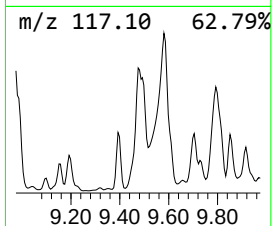
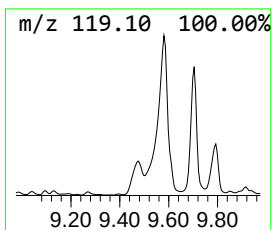
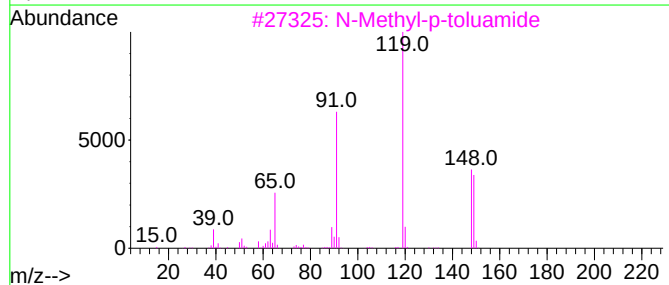
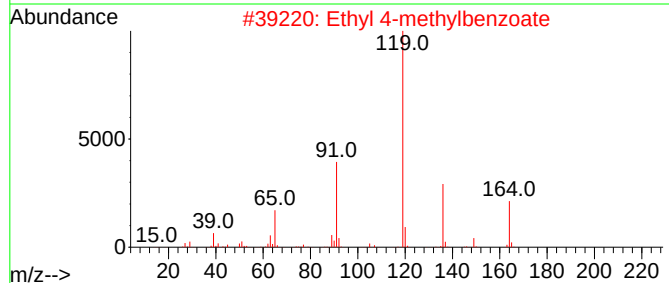
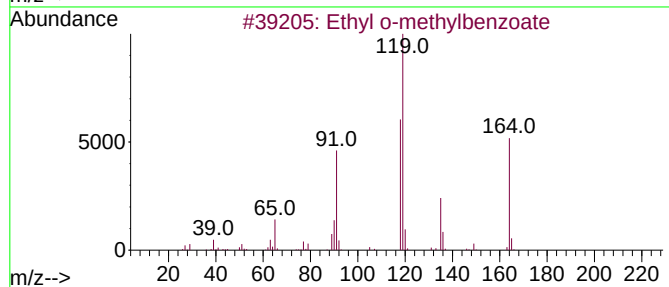
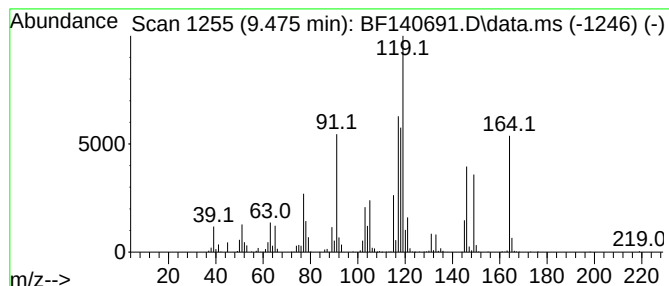
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown9.475 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.475	28.79 ng	1495320	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	49
2			Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	38
3			N-Methyl-p-toluamide	149	C9H11NO	018370-11-1	38
4			4-Aminostyrene	119	C8H9N	001520-21-4	38
5			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140691.D
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Sample : P5021-01
Misc :
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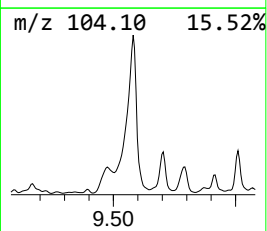
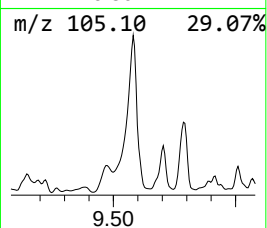
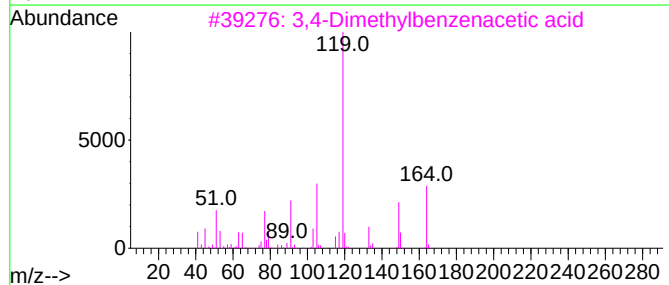
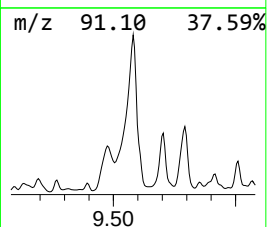
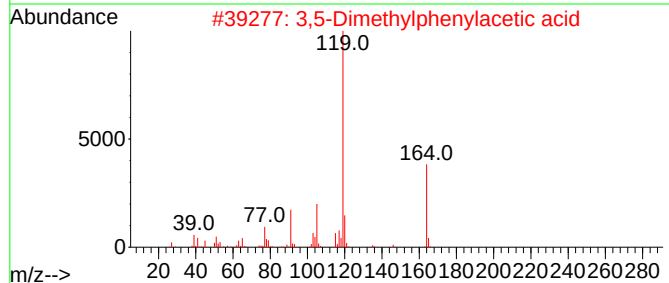
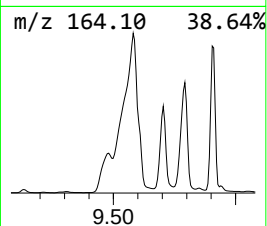
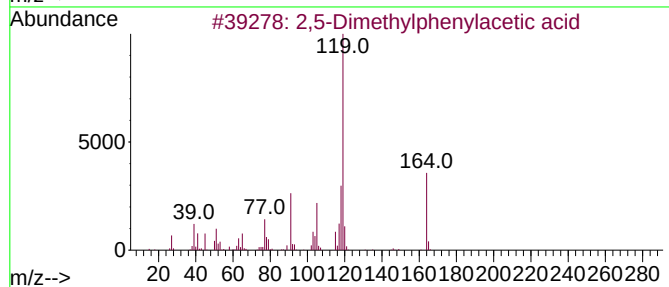
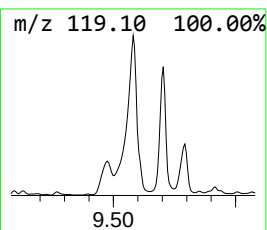
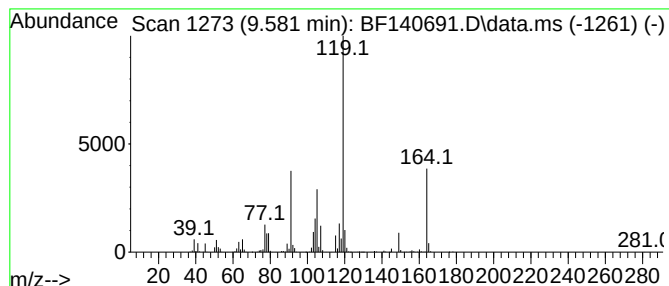
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2,5-Dimethylphenylacetic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.581	104.69 ng	5438180	Acenaphthene-d10		9.904	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,5-Dimethylphenylacetic acid		164	C10H12O2	1000342-65-5	90
2	3,5-Dimethylphenylacetic acid		164	C10H12O2	042288-46-0	81
3	3,4-Dimethylbenzenacetic acid		164	C10H12O2	017283-16-8	72
4	Benzene, 1-ethyl-2,3-dimethyl-		134	C10H14	000933-98-2	43
5	p-Cymene		134	C10H14	000099-87-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
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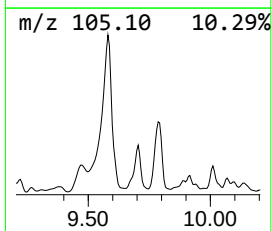
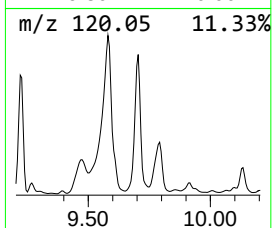
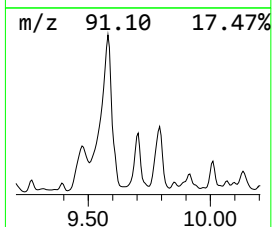
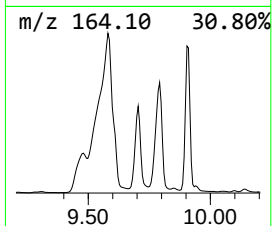
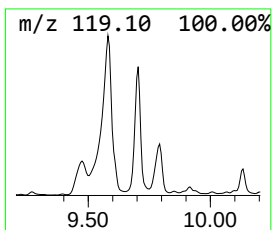
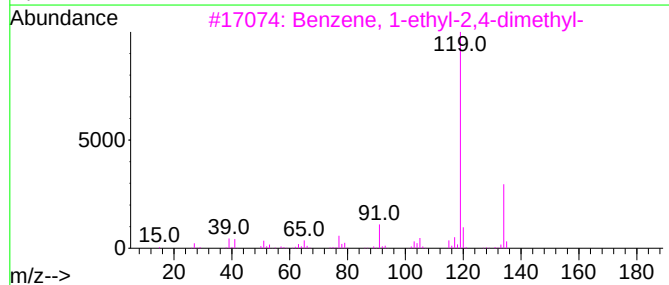
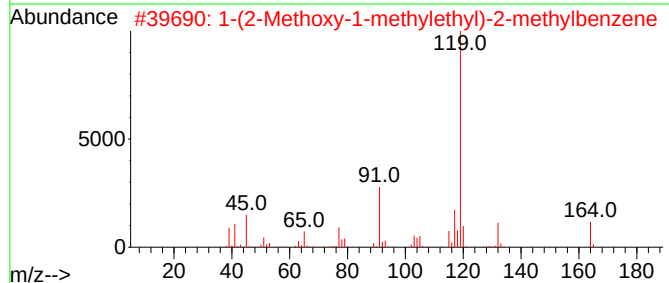
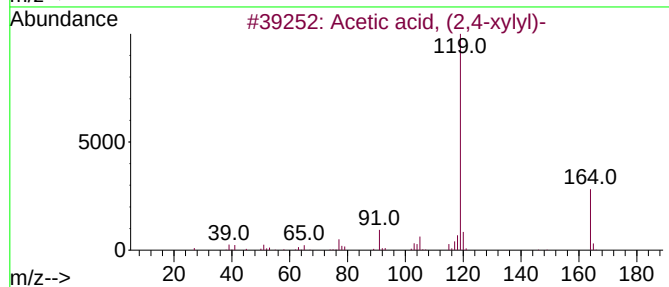
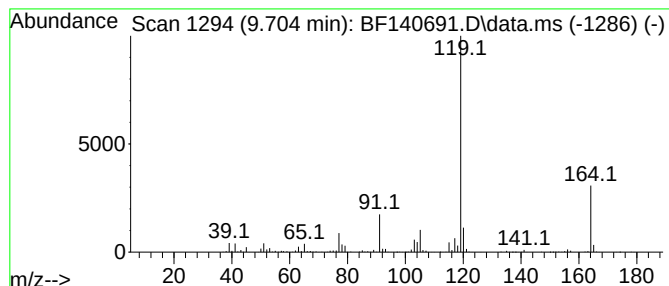
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Acetic acid, (2,4-xylyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.704	23.54 ng	1222610	Acenaphthene-d10	9.904	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	91
2	1-(2-Methoxy-1-methylethyl)-2-me...	164	C11H16O	1000210-02-1	72
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
4	Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	64
5	1-Chloromethyl-3,5-dimethylbenzene	154	C9H11Cl	002745-54-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140691.D
Acq On : 02 Dec 2024 16:21
Operator : RC/JU
Sample : P5021-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

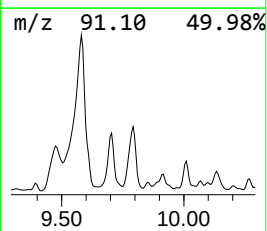
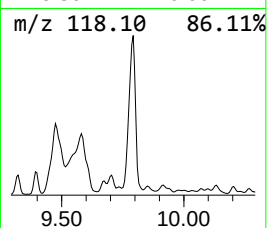
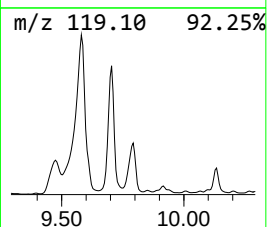
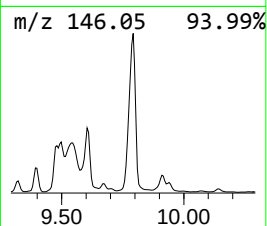
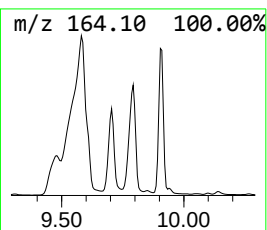
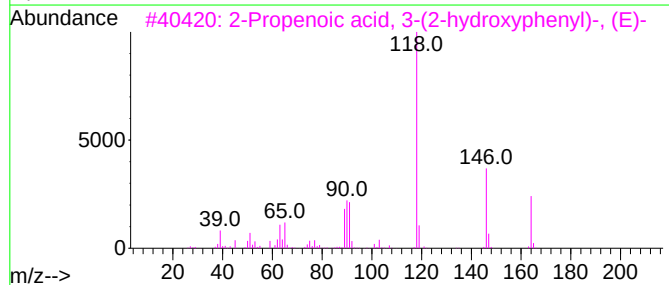
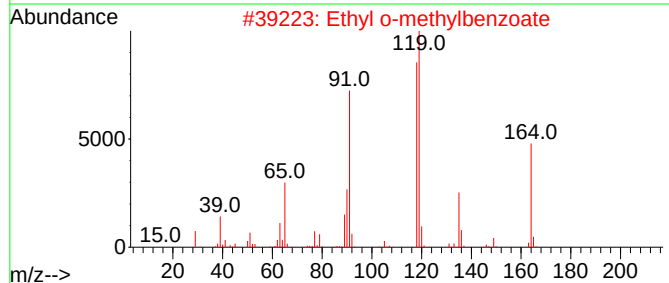
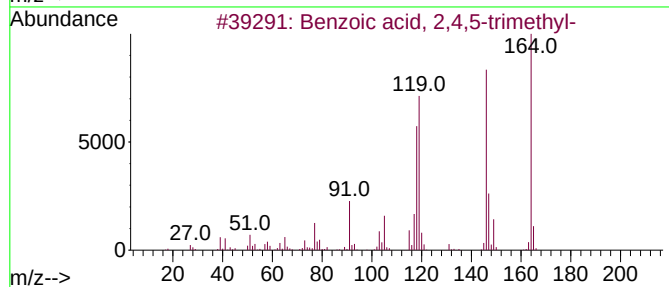
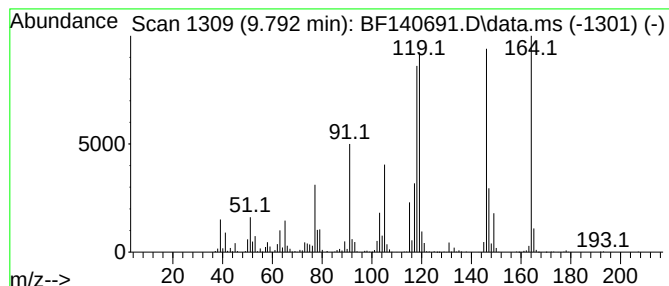
Instrument :
BNA_F
ClientSampleId :
MW-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.792	33.49 ng	1739670	Acenaphthene-d10	9.904	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	91
2	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	58
3	2-Propenoic acid, 3-(2-hydroxyph...	164	C9H8O3	000614-60-8	58
4	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	49
5	p-Coumaric acid	164	C9H8O3	007400-08-0	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140691.D
Acq On : 02 Dec 2024 16:21
Operator : RC/JU
Sample : P5021-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-06

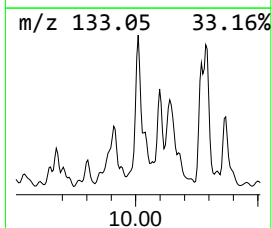
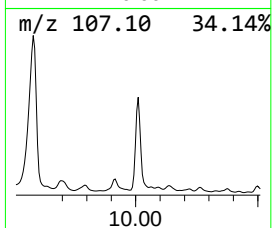
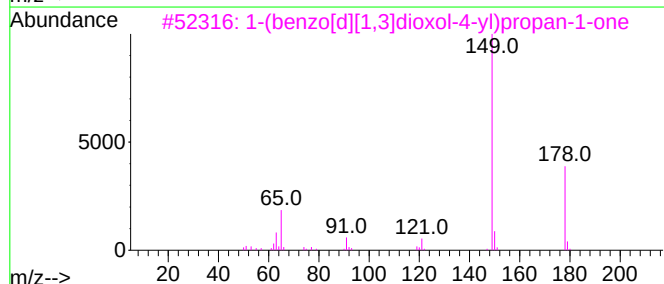
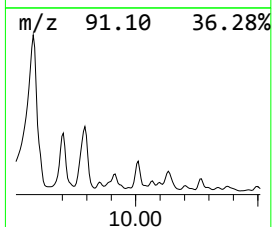
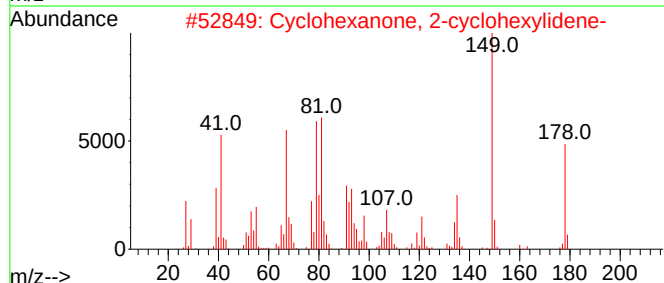
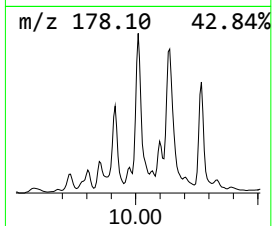
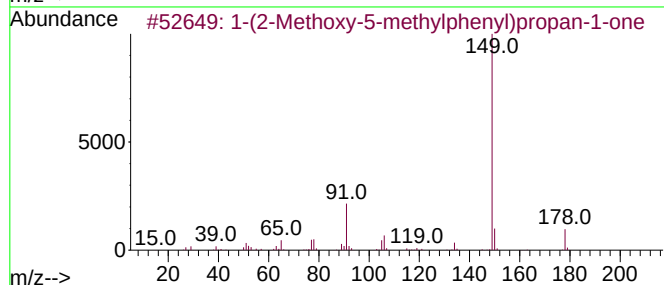
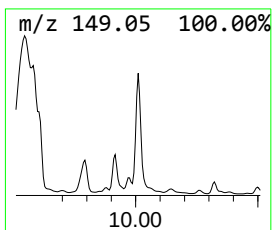
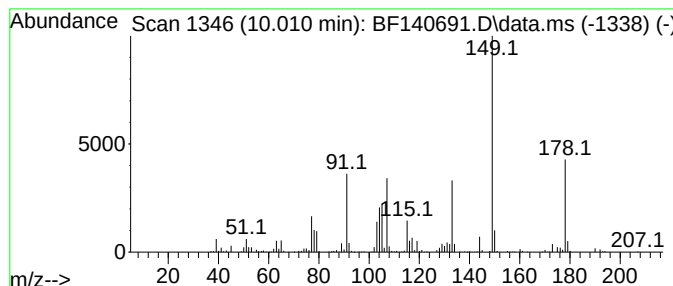
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown10.010 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.010	9.80 ng	508843	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Methoxy-5-methylphenyl)prop...	178	C11H14O2	082620-73-3	47	
2	Cyclohexanone, 2-cyclohexylidene-	178	C12H18O	001011-12-7	47	
3	1-(benzo[d][1,3]dioxol-4-yl)prop...	178	C10H10O3	1000456-65-5	47	
4	3,4-Methylenedioxypropiofenone	178	C10H10O3	028281-49-4	47	
5	Phenyl(2-phenyl-1,3-dioxolan-2-y...	328	C19H24O3Si	1000507-07-4	38	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140691.D
Acq On : 02 Dec 2024 16:21
Operator : RC/JU
Sample : P5021-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-06

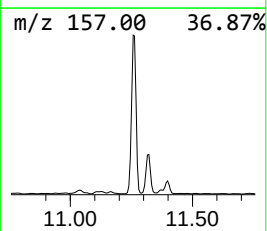
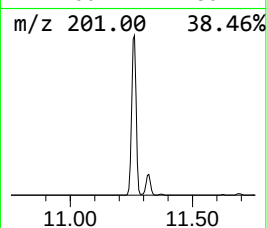
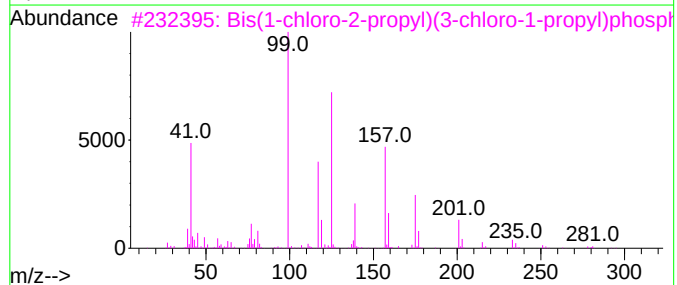
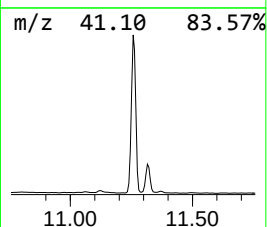
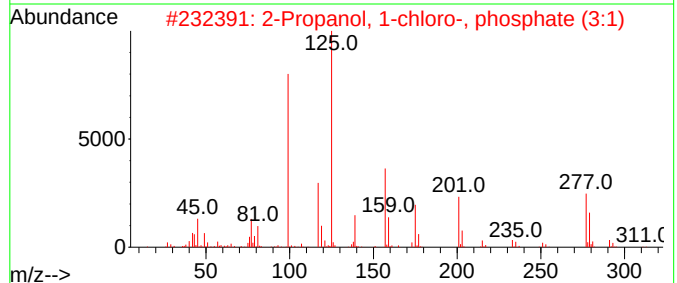
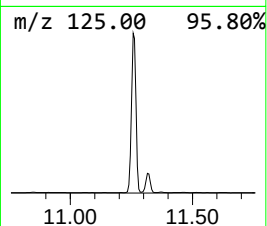
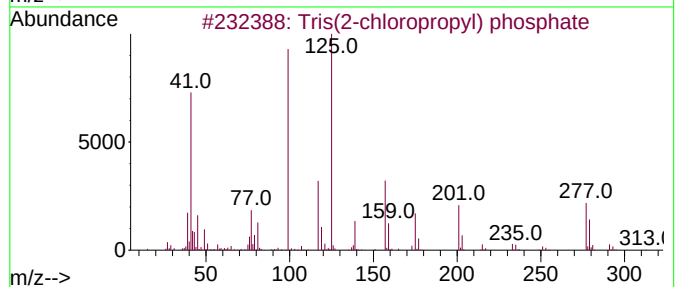
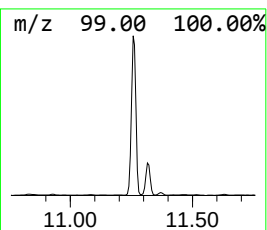
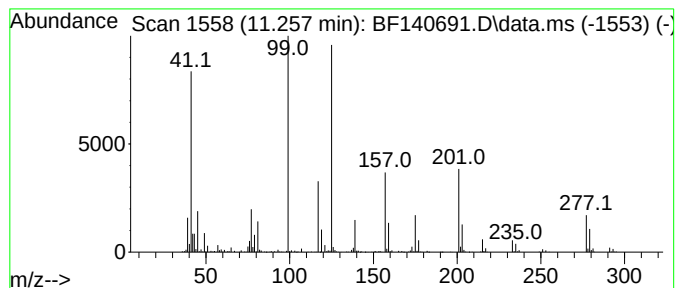
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tris(2-chloropropyl) phosphate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	22.00 ng	938612	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tris(2-chloropropyl) phosphate	326	C9H18Cl3O4P	006145-73-9	87
2			2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	70
3			Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	38
4			Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	37
5			Triisopropylphosphate	224	C9H21O4P	000513-02-0	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140691.D
Acq On : 02 Dec 2024 16:21
Operator : RC/JU
Sample : P5021-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

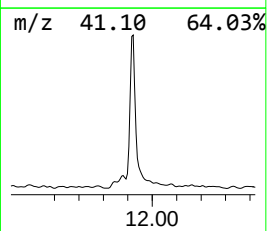
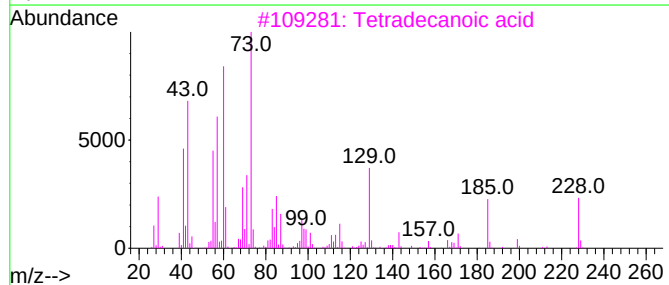
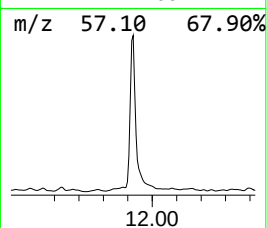
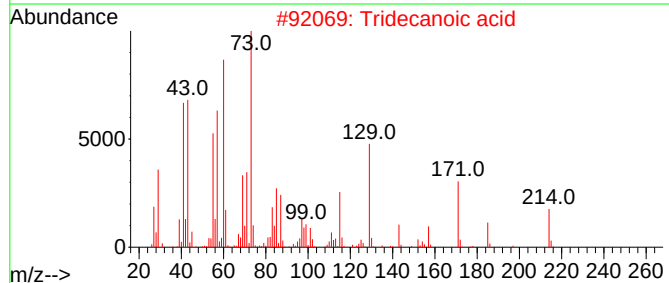
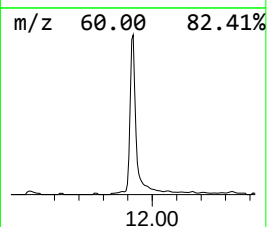
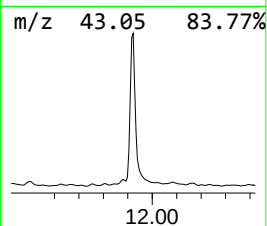
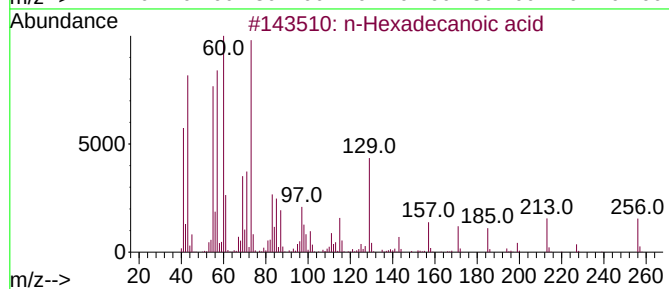
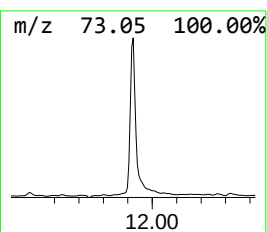
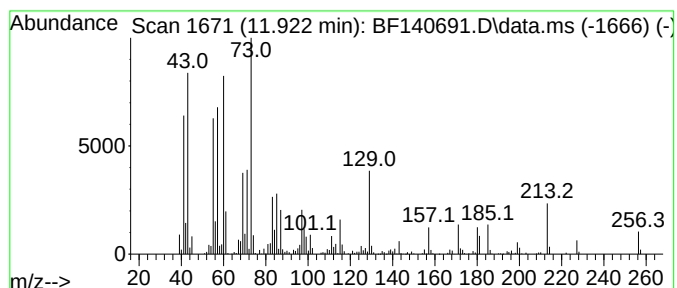
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.922	10.08 ng	430148	Phenanthrene-d10	11.398	
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	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140691.D
Acq On : 02 Dec 2024 16:21
Operator : RC/JU
Sample : P5021-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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	114.4	ng	3000670	1	6.869	524571	20.0
2-Butanol, 2,3-...	3.210	19.6	ng	513270	1	6.869	524571	20.0
trans-3,4-Dimet...	5.922	9.9	ng	260959	1	6.869	524571	20.0
Cyclopentanone,...	6.204	14.2	ng	372360	1	6.869	524571	20.0
unknown6.763	6.763	12.7	ng	332974	1	6.869	524571	20.0
Indane	7.045	44.9	ng	1177820	1	6.869	524571	20.0
Benzene, 1,2-di...	7.116	25.4	ng	667562	1	6.869	524571	20.0
unknown7.204	7.204	23.9	ng	625455	1	6.869	524571	20.0
2,2-Dimethylbut...	7.593	76.3	ng	5466740	2	8.151	1432320	20.0
Benzene, 1,2,4,...	7.628	36.6	ng	2623710	2	8.151	1432320	20.0
unknown7.804	7.804	13.5	ng	965700	2	8.151	1432320	20.0
Benzene, 2-ethe...	7.887	11.5	ng	825027	2	8.151	1432320	20.0
1H-Inden-1-one,...	8.751	41.9	ng	3003710	2	8.151	1432320	20.0
unknown9.475	9.475	28.8	ng	1495320	3	9.904	1038920	20.0
2,5-Dimethylphe...	9.581	104.7	ng	5438180	3	9.904	1038920	20.0
Acetic acid, (2...	9.704	23.5	ng	1222610	3	9.904	1038920	20.0
Benzoic acid, 2...	9.792	33.5	ng	1739670	3	9.904	1038920	20.0
unknown10.010	10.010	9.8	ng	508843	3	9.904	1038920	20.0
Tris(2-chloropr...	11.257	22.0	ng	938612	4	11.398	853364	20.0
n-Hexadecanoic ...	11.922	10.1	ng	430148	4	11.398	853364	20.0