

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060220\
 Data File : BF120503.D
 Acq On : 2 Jun 2020 19:03
 Operator : JU/CG
 Sample : L2813-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-052920

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BF052820.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.910	3	4	10	rVB	191605	168429	10.61%	0.609%
2	1.963	10	13	20	rVB	70638	80042	5.04%	0.289%
3	2.093	30	35	41	rVB	267329	334684	21.09%	1.209%
4	5.463	604	608	618	rVB	840453	724615	45.65%	2.618%
5	6.381	760	764	770	rBV2	70107	96809	6.10%	0.350%
6	6.475	776	780	786	rVV	876049	732844	46.17%	2.648%
7	6.593	795	800	804	rBV4	32002	64928	4.09%	0.235%
8	6.681	811	815	817	rBV4	82391	80834	5.09%	0.292%
9	6.845	839	843	847	rBV	1234597	991353	62.46%	3.582%
10	6.998	865	869	872	rVV	826313	696072	43.86%	2.515%
11	7.116	887	889	892	rVB2	136444	122899	7.74%	0.444%
12	7.163	892	897	899	rBV3	67813	77065	4.86%	0.278%
13	7.240	904	910	913	rBV2	166462	196486	12.38%	0.710%
14	7.269	913	915	920	rVB4	58529	77042	4.85%	0.278%
15	7.322	921	924	928	rBV4	40639	57520	3.62%	0.208%
16	7.375	928	933	935	rBV2	143342	217123	13.68%	0.784%
17	7.398	935	937	940	rVV	499916	444664	28.02%	1.607%
18	7.440	942	944	948	rVB	200203	175948	11.09%	0.636%
19	7.492	948	953	956	rVB5	205671	267925	16.88%	0.968%
20	7.528	956	959	962	rBV4	92666	144009	9.07%	0.520%
21	7.557	962	964	969	rVV6	48840	70796	4.46%	0.256%
22	7.598	969	971	973	rVV2	53346	52083	3.28%	0.188%
23	7.622	973	975	977	rVV3	56527	65755	4.14%	0.238%
24	7.651	977	980	983	rVB3	221325	226031	14.24%	0.817%
25	7.728	988	993	995	rBV5	57865	92147	5.81%	0.333%
26	7.769	998	1000	1004	rVB3	223871	251615	15.85%	0.909%
27	7.816	1004	1008	1009	rVB3	66065	66883	4.21%	0.242%
28	7.845	1009	1013	1014	rBV3	94146	97577	6.15%	0.353%
29	7.869	1014	1017	1020	rBV3	161546	165358	10.42%	0.597%
30	7.945	1027	1030	1032	rBV4	124767	112508	7.09%	0.406%
31	7.998	1036	1039	1043	rBV3	171034	230889	14.55%	0.834%
32	8.034	1043	1045	1048	rBV2	86671	73707	4.64%	0.266%
33	8.081	1048	1053	1055	rBV3	84070	143895	9.07%	0.520%
34	8.128	1055	1061	1064	rBV2	1453531	1587163	100.00%	5.734%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.187	1067	1071	1074	rVB2	286950	357694	22.54%	1.292%
36	8.216	1074	1076	1084	rVB5	209996	237776	14.98%	0.859%
37	8.281	1084	1087	1088	rBV3	113290	107219	6.76%	0.387%
38	8.304	1088	1091	1093	rBV3	92008	76585	4.83%	0.277%
39	8.328	1093	1095	1098	rVB3	200297	219472	13.83%	0.793%
40	8.369	1100	1102	1104	rBV2	73317	63133	3.98%	0.228%
41	8.422	1106	1111	1115	rBV7	238148	309072	19.47%	1.117%
42	8.475	1118	1120	1123	rVB4	110213	97945	6.17%	0.354%
43	8.510	1123	1126	1129	rVB4	181071	222947	14.05%	0.805%
44	8.551	1129	1133	1134	rBV	338915	298304	18.79%	1.078%
45	8.569	1134	1136	1138	rVB	184623	130791	8.24%	0.473%
46	8.592	1138	1140	1143	rVB2	140497	106773	6.73%	0.386%
47	8.634	1144	1147	1149	rBV	291691	216034	13.61%	0.781%
48	8.669	1149	1153	1155	rBV4	151512	164344	10.35%	0.594%
49	8.716	1158	1161	1165	rBV	685619	644506	40.61%	2.329%
50	8.787	1171	1173	1175	rVV2	185563	145192	9.15%	0.525%
51	8.816	1175	1178	1181	rVB4	241043	287254	18.10%	1.038%
52	8.875	1186	1188	1191	rVB4	95853	78178	4.93%	0.282%
53	8.904	1191	1193	1195	rBV3	90025	104774	6.60%	0.379%
54	8.951	1199	1201	1203	rVB	398090	273572	17.24%	0.988%
55	8.986	1203	1207	1208	rBV4	73806	97004	6.11%	0.350%
56	9.004	1208	1210	1213	rBV3	76648	82214	5.18%	0.297%
57	9.092	1219	1225	1228	rBV3	167605	349621	22.03%	1.263%
58	9.122	1228	1230	1232	rVV	162923	109176	6.88%	0.394%
59	9.151	1232	1235	1240	rVV4	458655	538515	33.93%	1.946%
60	9.198	1240	1243	1246	rVV	975878	829413	52.26%	2.997%
61	9.245	1248	1251	1253	rVB2	92801	79147	4.99%	0.286%
62	9.286	1254	1258	1262	rBV	921628	897392	56.54%	3.242%
63	9.322	1262	1264	1266	rVV2	115077	131802	8.30%	0.476%
64	9.357	1267	1270	1272	rVV	266526	267115	16.83%	0.965%
65	9.522	1295	1298	1299	rBV3	111212	119930	7.56%	0.433%
66	9.539	1299	1301	1303	rVV2	147954	128607	8.10%	0.465%
67	9.563	1303	1305	1307	rVB2	199990	158147	9.96%	0.571%
68	9.604	1307	1312	1314	rBV4	571469	678872	42.77%	2.453%
69	9.628	1314	1316	1319	rVV2	216205	203247	12.81%	0.734%
70	9.663	1319	1322	1324	rVB2	219038	172134	10.85%	0.622%
71	9.816	1345	1348	1352	rVB	712348	650459	40.98%	2.350%

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 Sampling : 1 Min Area: 3 % of largest Peak
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72	9.881	1352	1359	1363	rBV	1222578	1256674	79.18%	4.540%
73	9.986	1375	1377	1382	rVB3	91678	87368	5.50%	0.316%
74	10.039	1384	1386	1389	rBV2	65491	86755	5.47%	0.313%
75	10.133	1399	1402	1406	rVB3	153827	190692	12.01%	0.689%
76	10.198	1411	1413	1420	rBV5	83332	156225	9.84%	0.564%
77	10.251	1420	1422	1426	rVB2	69691	71359	4.50%	0.258%
78	10.310	1430	1432	1435	rVB	528667	414221	26.10%	1.497%
79	10.533	1465	1470	1476	rVB	192029	255609	16.10%	0.923%
80	10.581	1476	1478	1482	rVB3	52906	55150	3.47%	0.199%
81	10.616	1482	1484	1488	rBV3	42639	48443	3.05%	0.175%
82	10.651	1488	1490	1491	rVV	60901	52282	3.29%	0.189%
83	10.669	1491	1493	1497	rVB	477045	359640	22.66%	1.299%
84	10.786	1510	1513	1522	rVB	342270	473940	29.86%	1.712%
85	11.233	1586	1589	1592	rBV	199901	166180	10.47%	0.600%
86	11.263	1592	1594	1600	rVB	126401	129129	8.14%	0.467%
87	11.369	1608	1612	1615	rBV	1259763	1042967	65.71%	3.768%
88	11.663	1659	1662	1664	rVB	125701	102081	6.43%	0.369%
89	11.757	1675	1678	1681	rVB	107399	90142	5.68%	0.326%
90	12.069	1728	1731	1734	rBV	117321	94341	5.94%	0.341%
91	12.445	1792	1795	1797	rBV	453225	444146	27.98%	1.605%
92	12.469	1797	1799	1802	rVB	760691	573123	36.11%	2.071%
93	12.551	1810	1813	1816	rBV	113600	100109	6.31%	0.362%
94	12.580	1816	1818	1821	rVB	70694	56447	3.56%	0.204%
95	12.810	1854	1857	1859	rBV	75253	74075	4.67%	0.268%
96	12.827	1859	1860	1865	rVB2	80023	57391	3.62%	0.207%
97	12.951	1878	1881	1884	rBV	892784	734171	46.26%	2.652%
98	13.186	1918	1921	1923	rBV	75779	78969	4.98%	0.285%
99	14.010	2057	2061	2064	rBV	1113221	1003985	63.26%	3.627%
100	15.474	2306	2310	2313	rBV	657870	801050	50.47%	2.894%

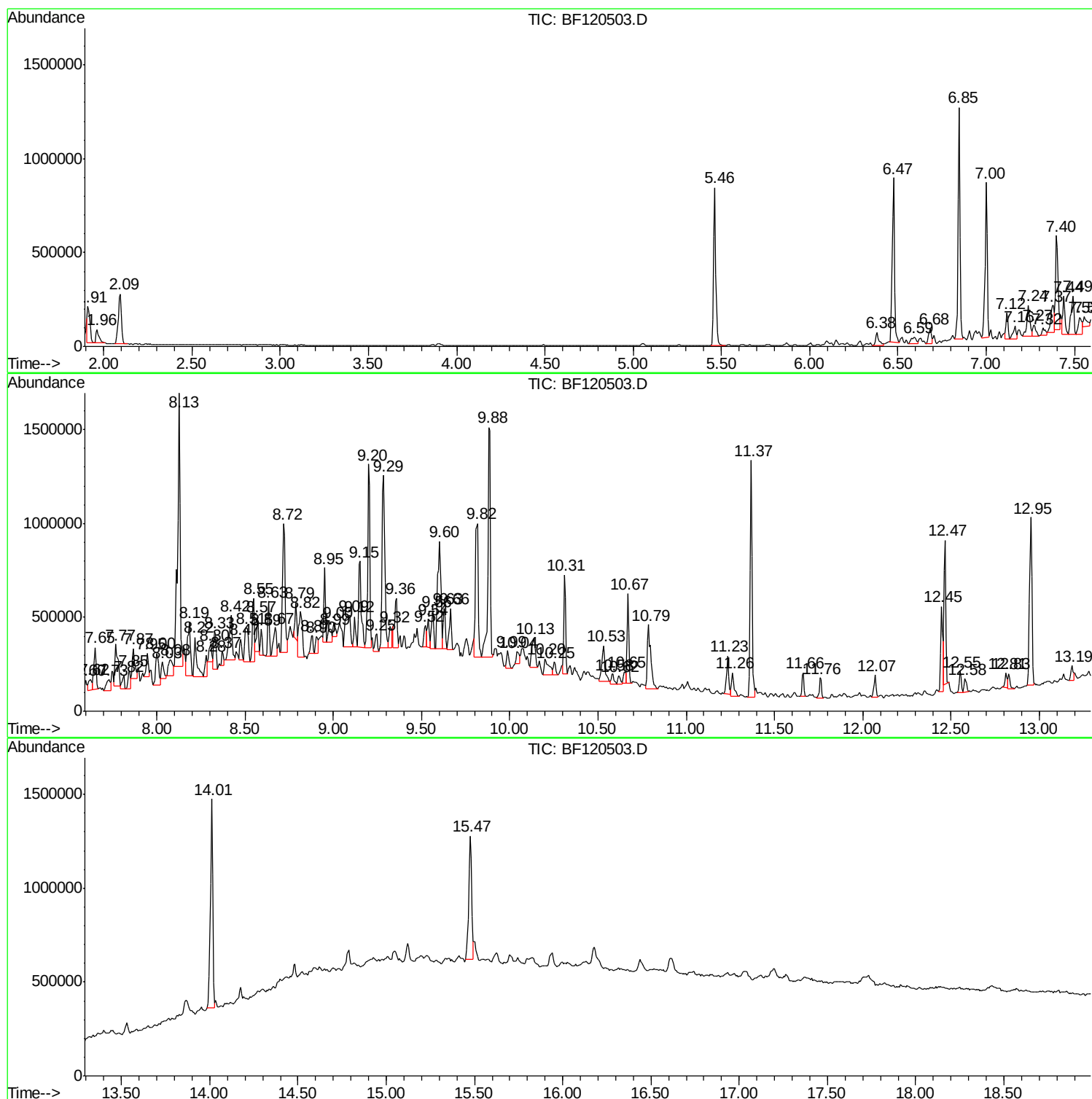
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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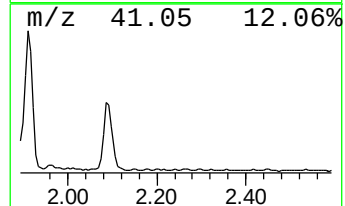
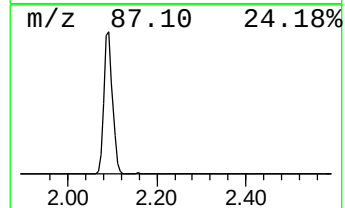
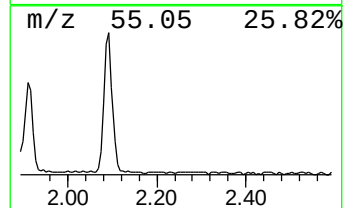
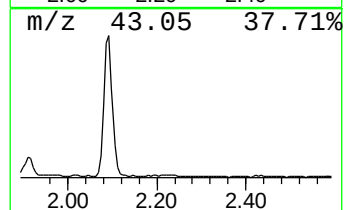
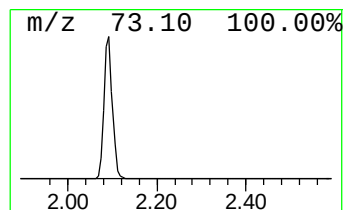
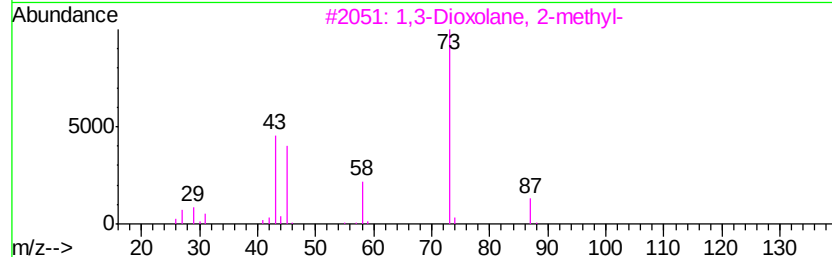
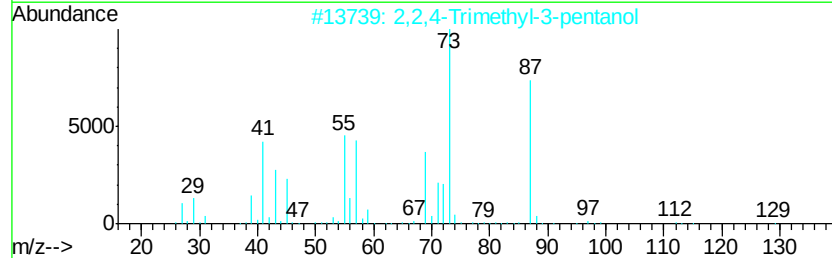
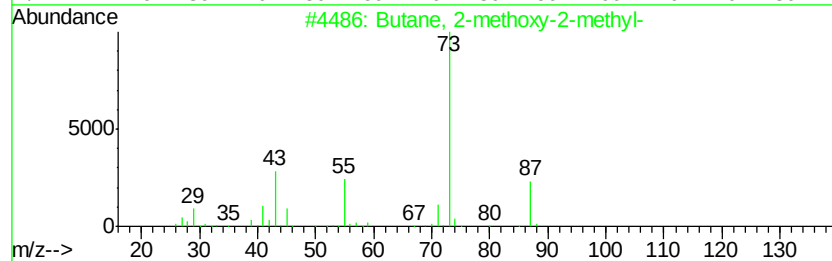
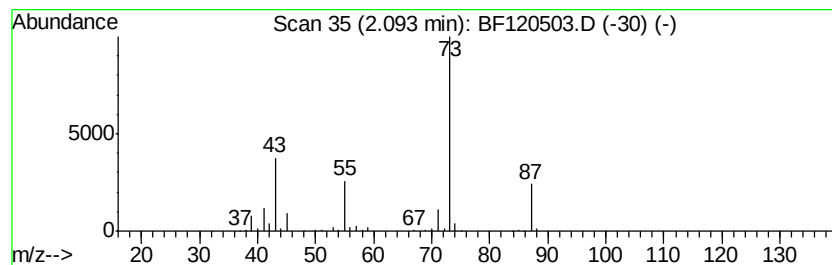
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.09	6.75 ng	334684	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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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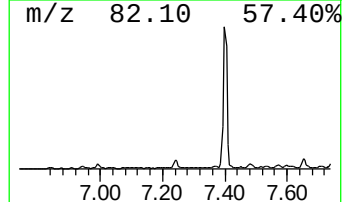
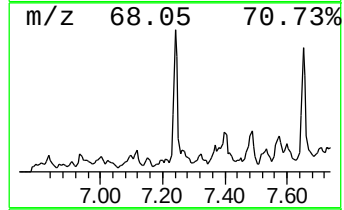
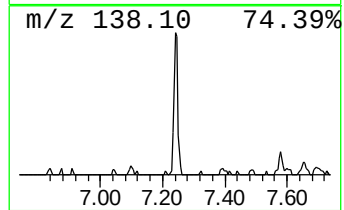
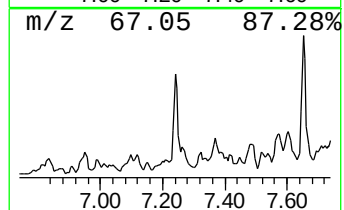
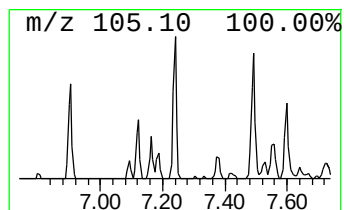
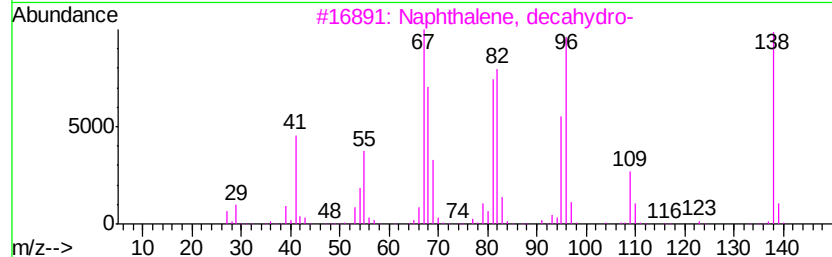
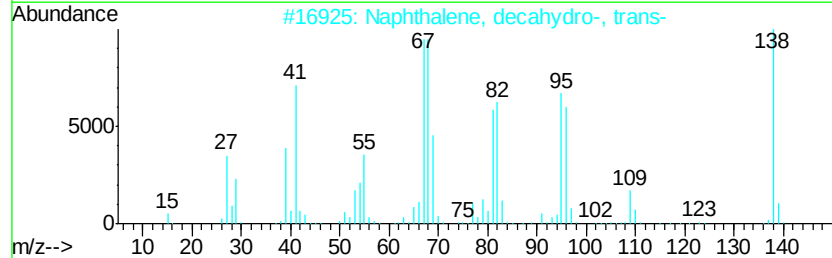
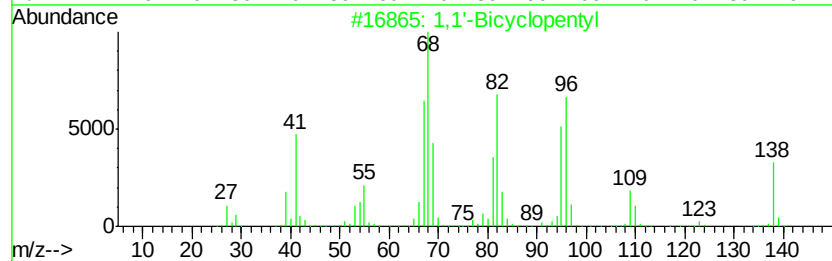
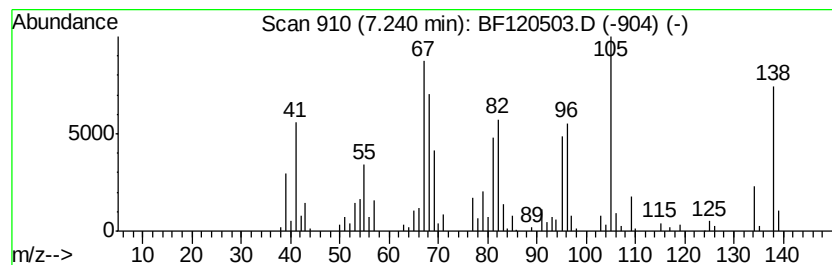
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,1'-Bicyclopentyl Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.24	3.96 ng	196486	1,4-Dichlorobenzene-d4	6.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	94
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	91
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	74
5	Spiro[4.5]decane	138	C10H18	000176-63-6	74



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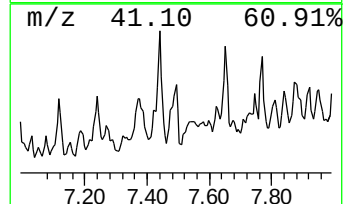
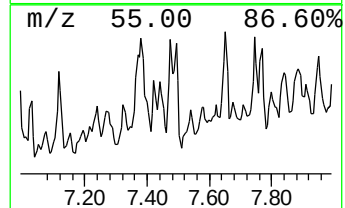
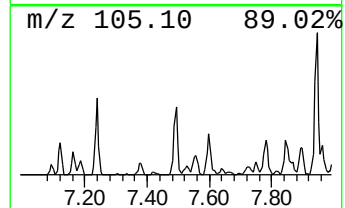
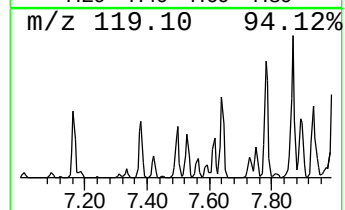
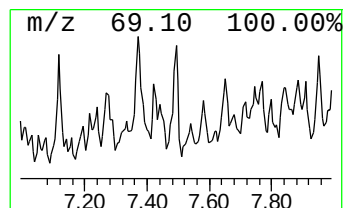
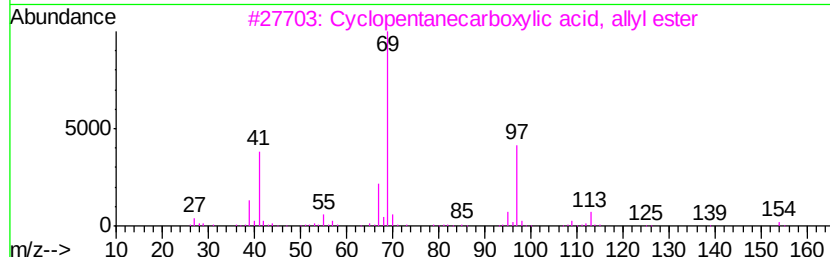
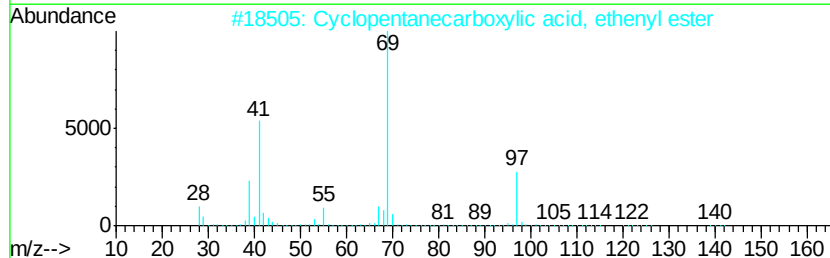
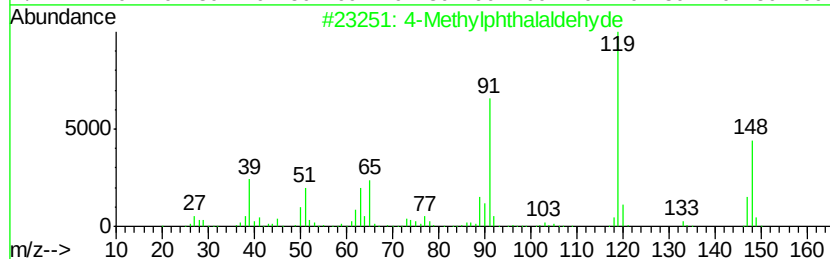
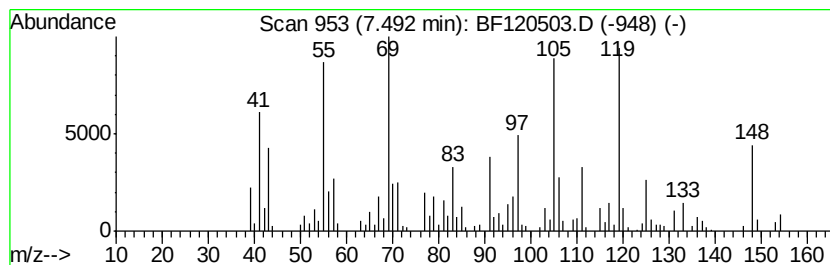
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown7.49 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	3.38 ng	267925	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methylphthalaldehyde	148	C9H8O2	015158-36-8	27
2		Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	22
3		Cyclopentanecarboxylic acid, all...	154	C9H14O2	178905-33-4	22
4		4-Octene, 2,3,7-trimethyl-, [S-(...	154	C11H22	052763-13-0	14
5		Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
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Operator : JU/CG
Sample : L2813-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

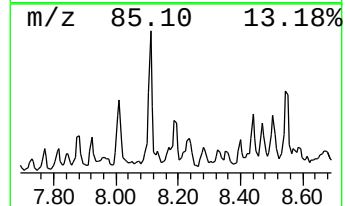
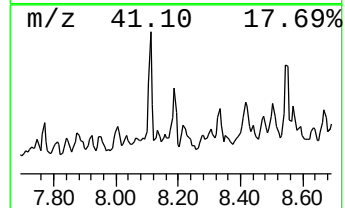
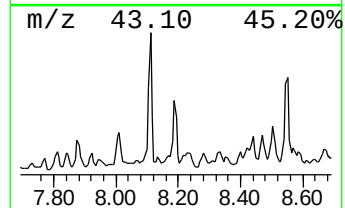
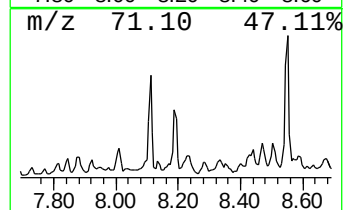
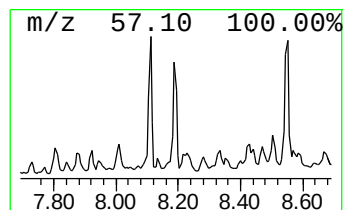
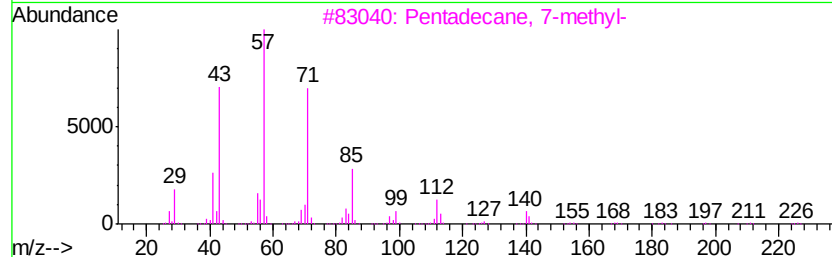
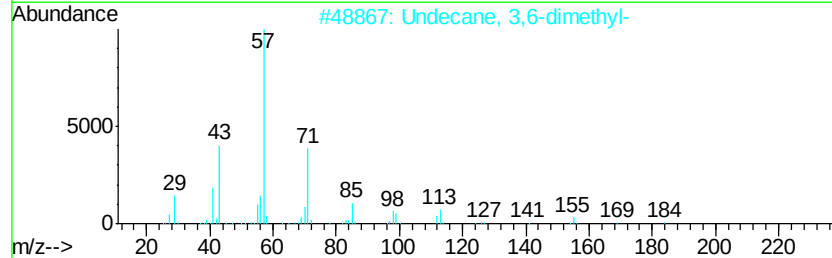
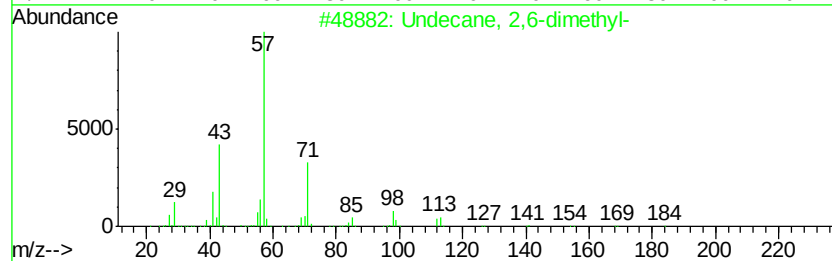
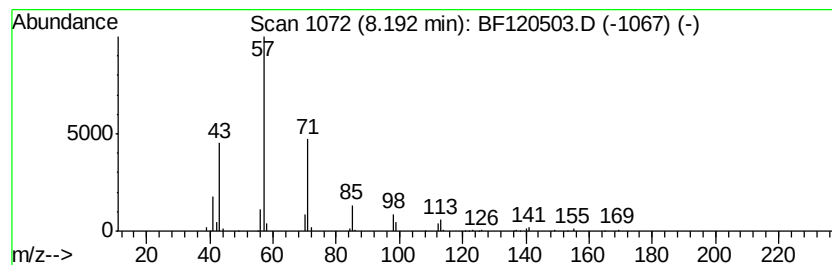
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ClientSampleId :
EO-02-052920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.19	4.51 ng	357694	Naphthalene-d8	8.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
4	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	64
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120503.D
Acq On : 2 Jun 2020 19:03
Operator : JU/CG
Sample : L2813-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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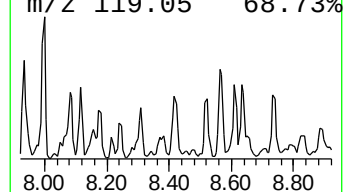
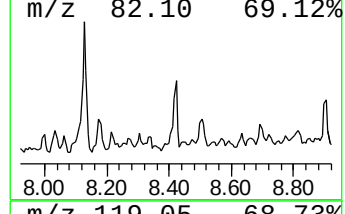
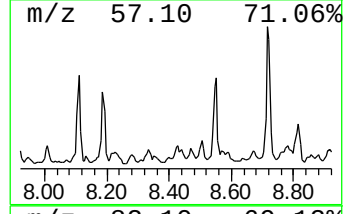
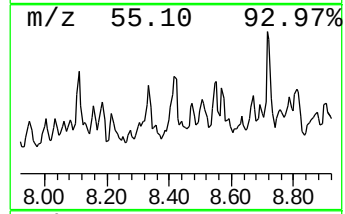
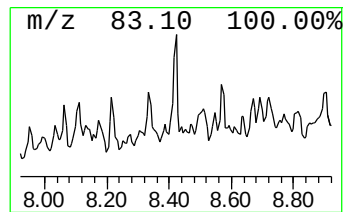
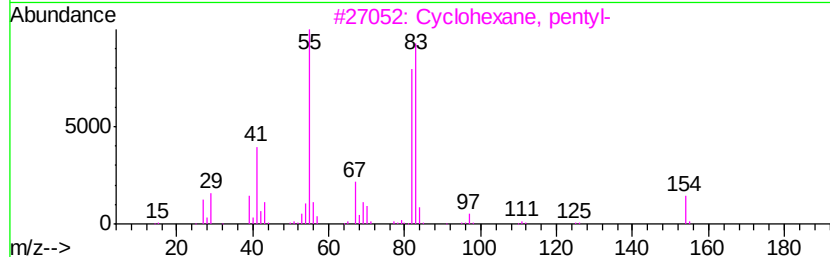
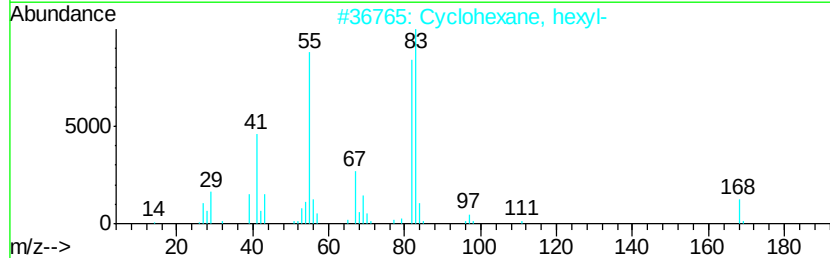
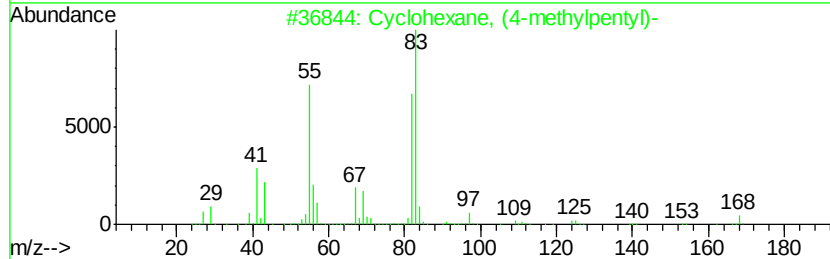
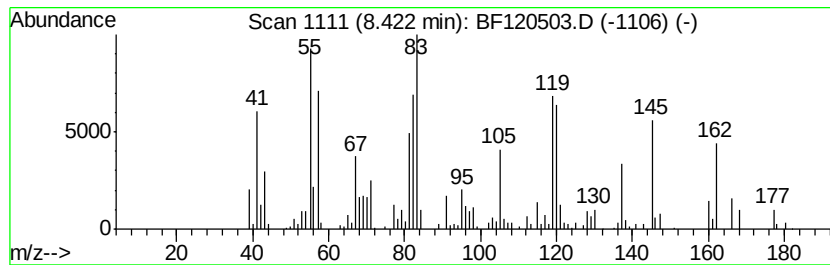
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown8.42 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	3.89 ng	309072	Napthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	25
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	22
4		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	22
5		Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120503.D
Acq On : 2 Jun 2020 19:03
Operator : JU/CG
Sample : L2813-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

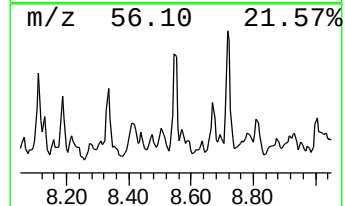
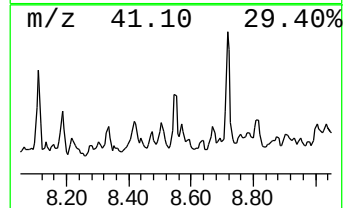
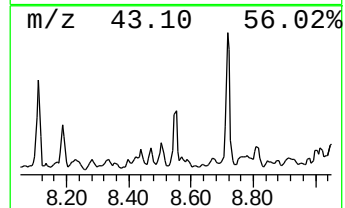
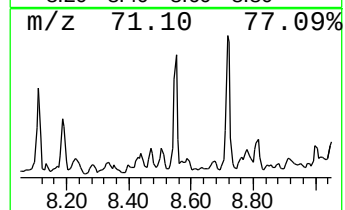
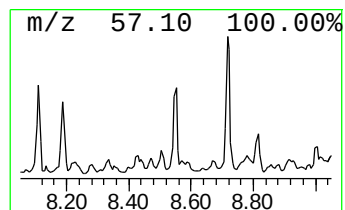
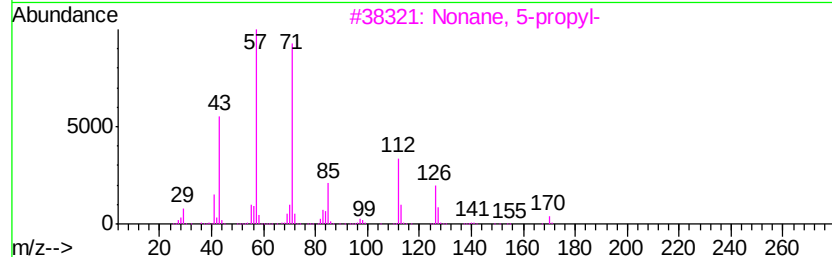
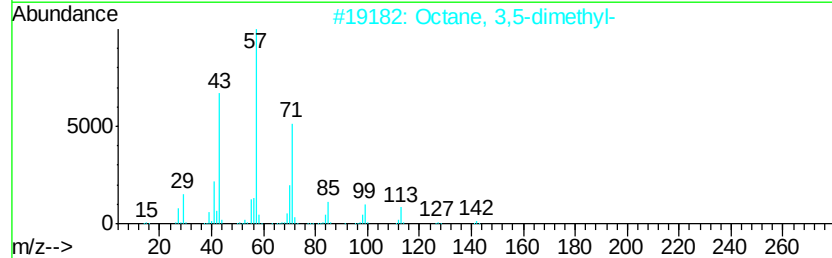
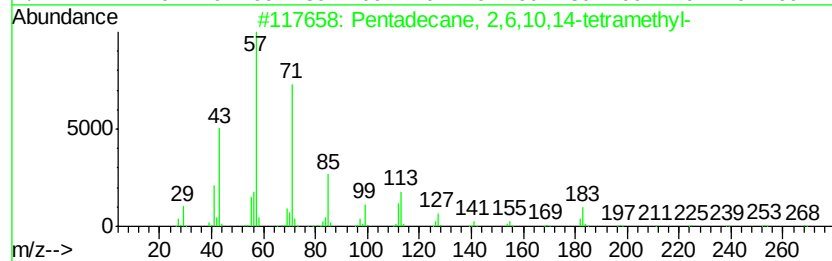
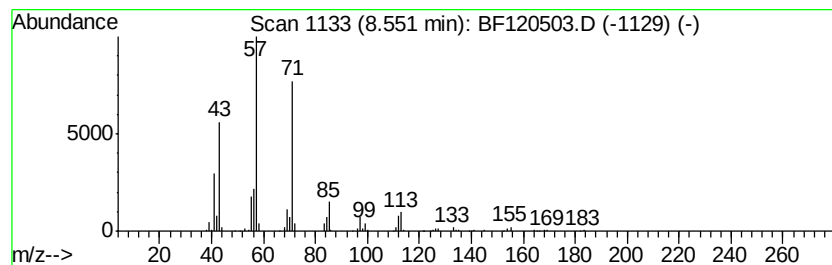
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ClientSampleId :
EO-02-052920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Pentadecane, 2,6,10,14-tetr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	3.76 ng	298304	Naphthalene-d8	8.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecane, 2,6,10,14-tetramethyl-	268 C19H40	001921-70-6 78
2		Octane, 3,5-dimethyl-	142 C10H22	015869-93-9 72
3		Nonane, 5-propyl-	170 C12H26	000998-35-6 64
4		Undecane, 6,6-dimethyl-	184 C13H28	017312-76-4 64
5		Sulfurous acid, 2-ethylhexyl pen...	264 C13H28O3S	1000309-18-9 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120503.D
Acq On : 2 Jun 2020 19:03
Operator : JU/CG
Sample : L2813-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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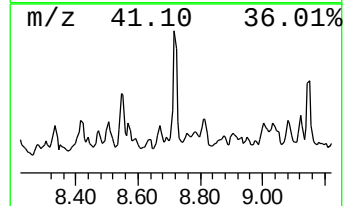
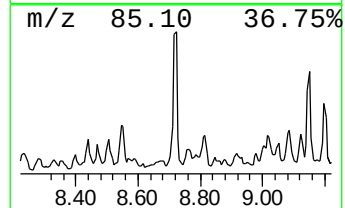
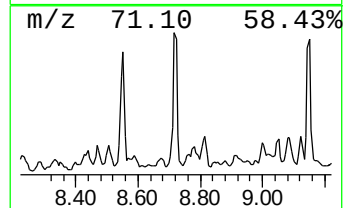
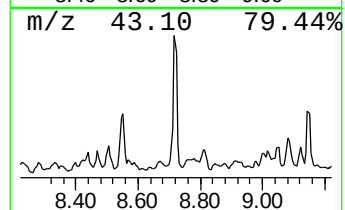
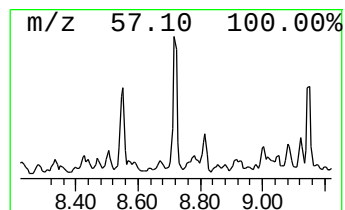
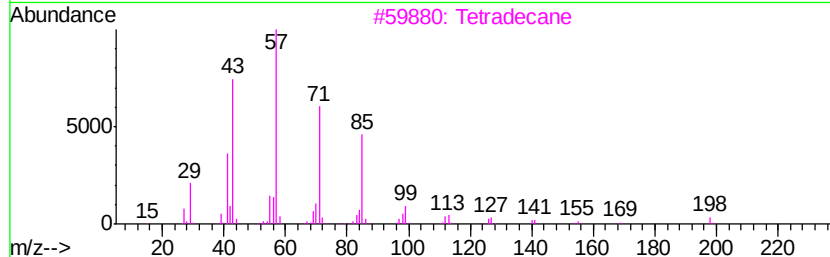
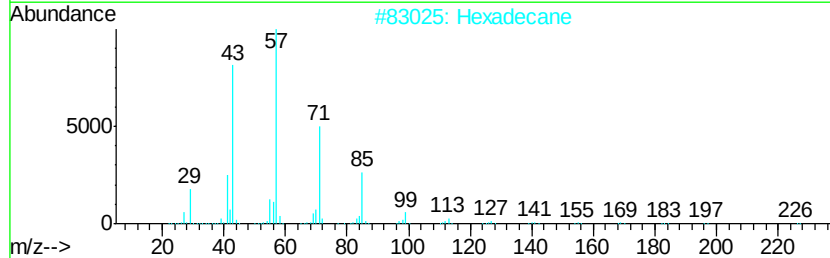
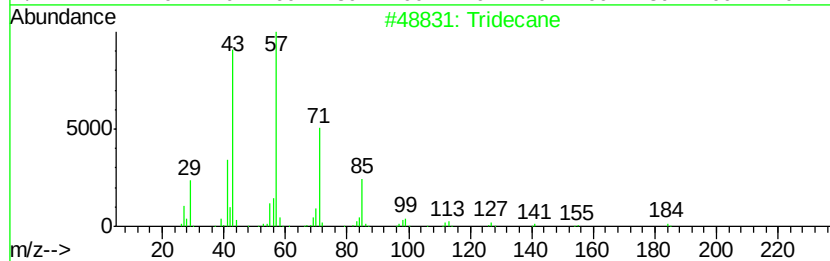
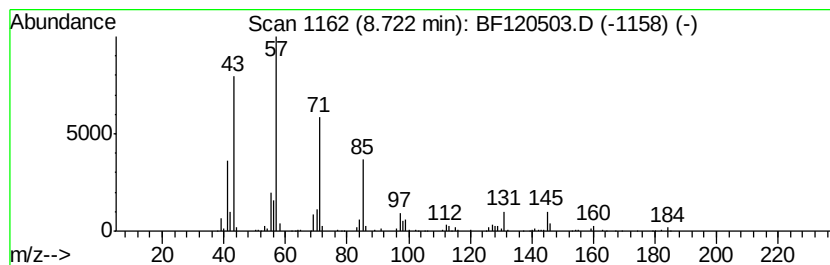
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	8.12 ng	644506	Naphthalene-d8	8.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	90
2	Hexadecane		226	C16H34	000544-76-3	64
3	Tetradecane		198	C14H30	000629-59-4	64
4	Sulfurous acid, butyl dodecyl ester		306	C16H34O3S	1000309-17-9	64
5	Undecane, 4,8-dimethyl-		184	C13H28	017301-33-6	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120503.D
Acq On : 2 Jun 2020 19:03
Operator : JU/CG
Sample : L2813-01 5X
Misc :
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ClientSampleId :
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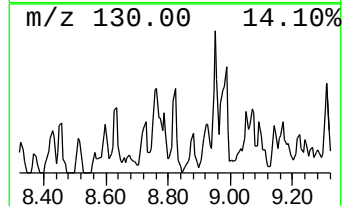
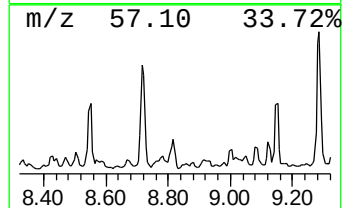
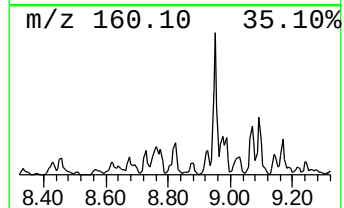
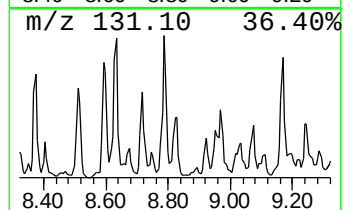
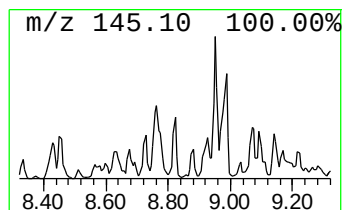
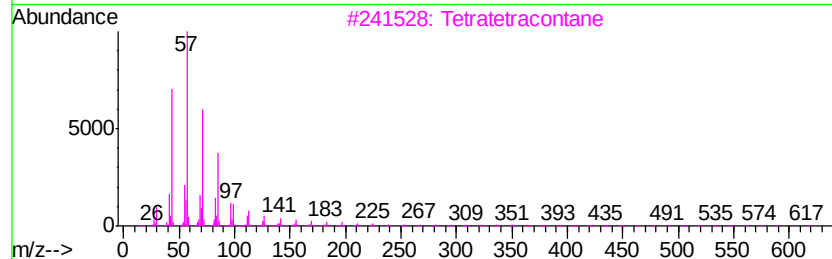
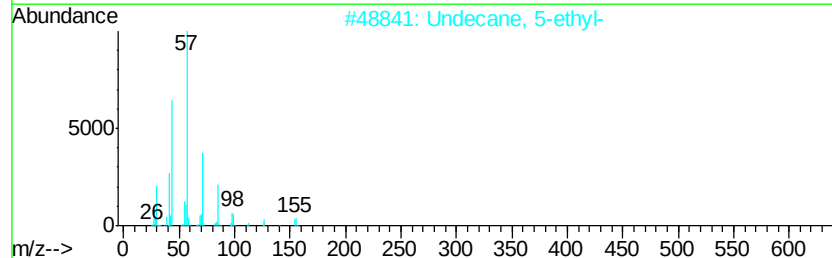
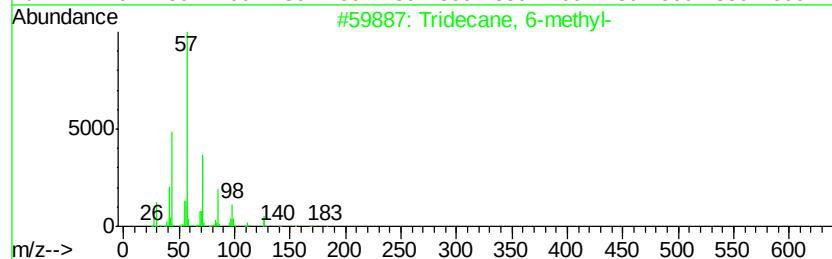
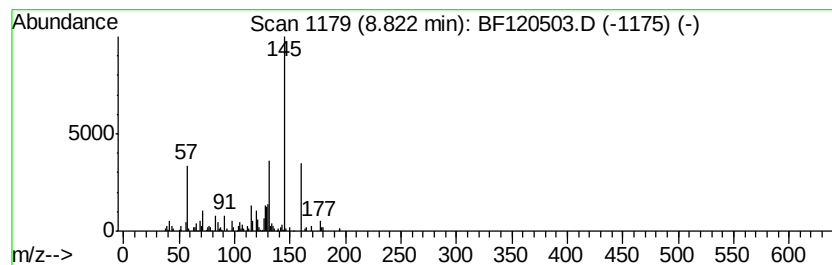
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown8.82 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	3.62 ng	287254	Naphthalene-d8	8.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	38
2			Undecane, 5-ethyl-	184	C13H28	017453-94-0	38
3			Tetratetracontane	619	C44H90	007098-22-8	35
4			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	35
5			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
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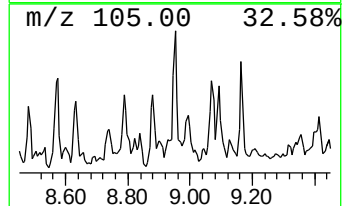
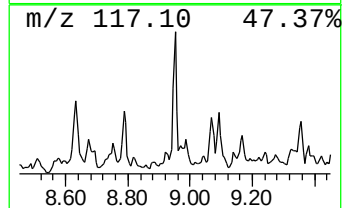
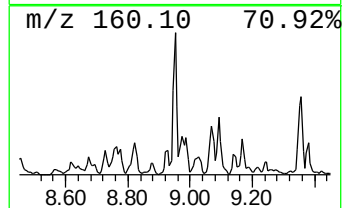
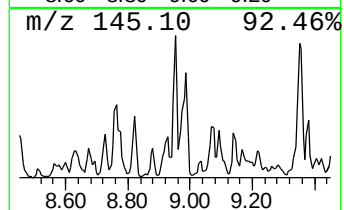
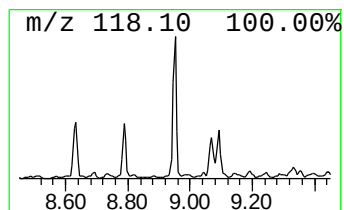
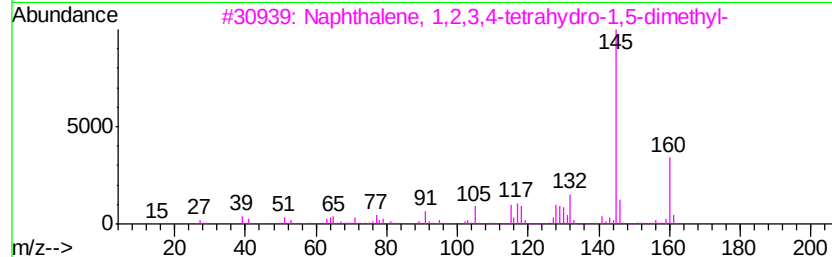
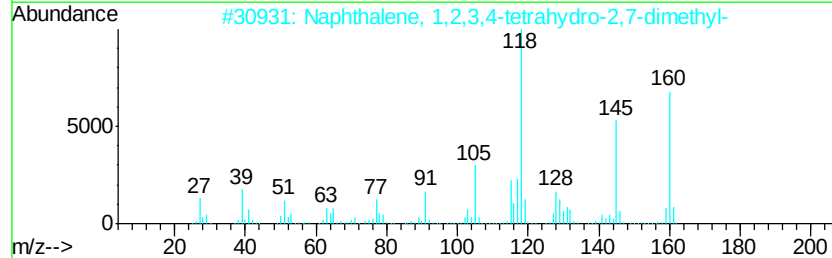
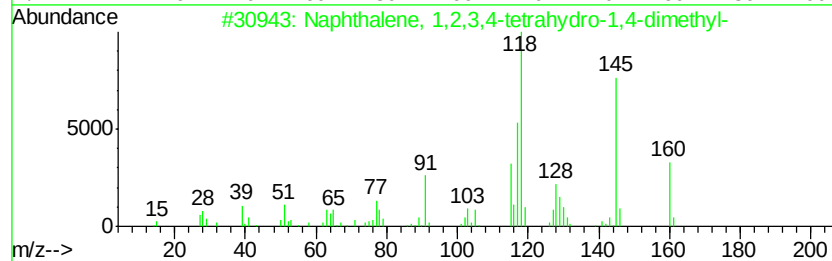
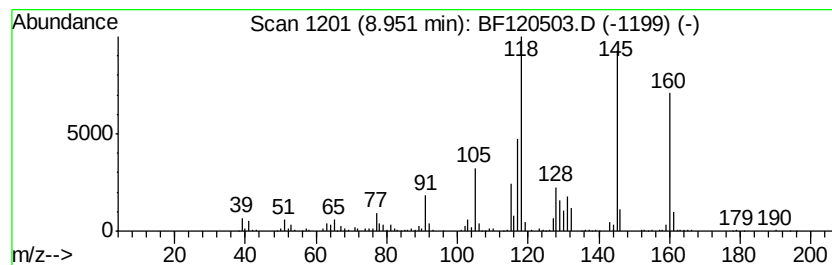
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 1,2,3,4-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	3.45 ng	273572	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	91
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	70
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	64
4		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	64
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120503.D
Acq On : 2 Jun 2020 19:03
Operator : JU/CG
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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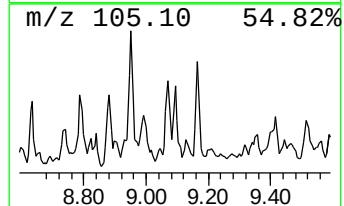
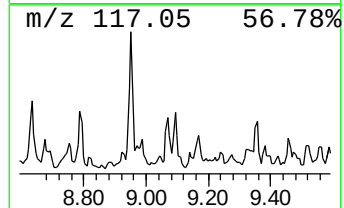
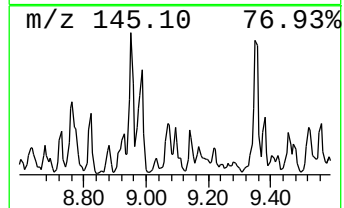
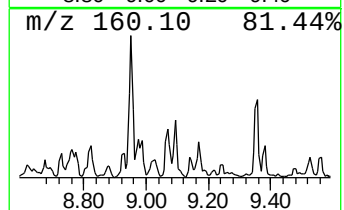
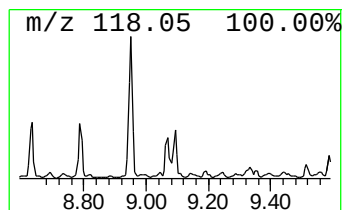
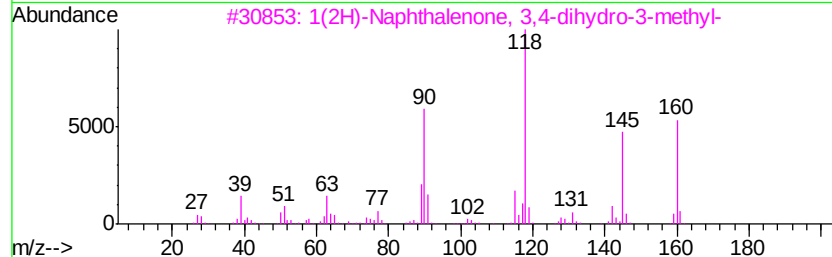
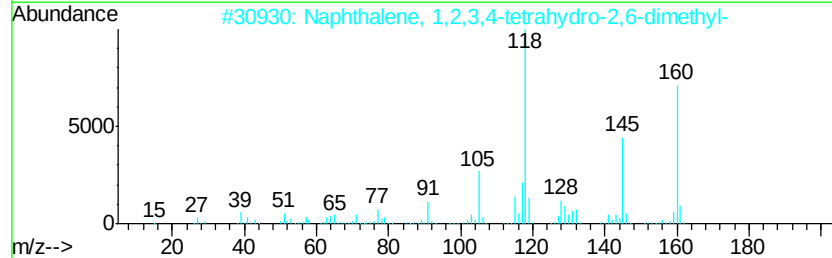
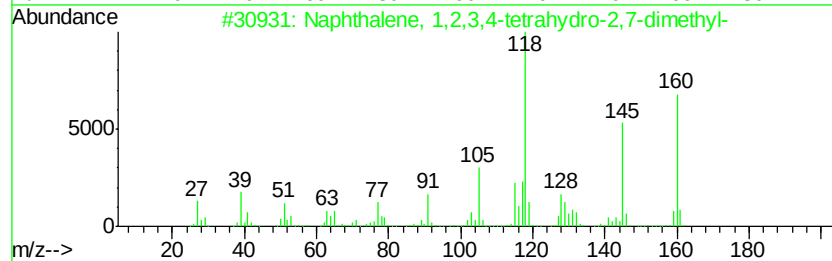
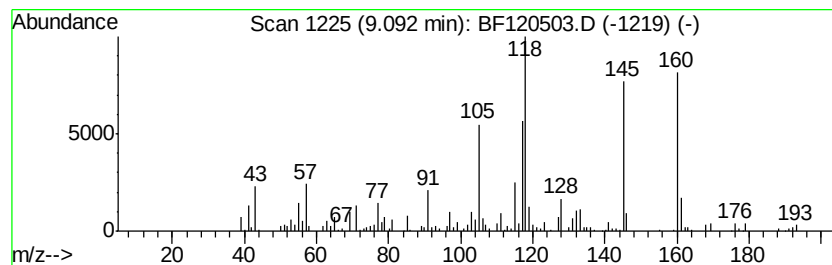
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1,2,3,4-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	5.56 ng	349621	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	87
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	81
3		1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	72
4		Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	58
5		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
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Operator : JU/CG
Sample : L2813-01 5X
Misc :
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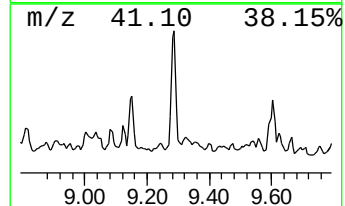
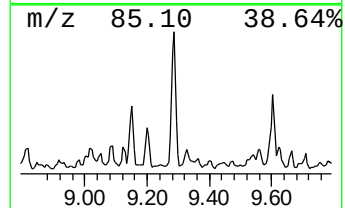
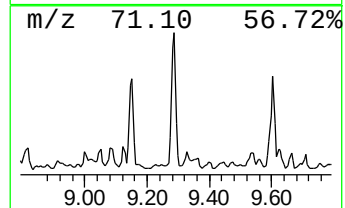
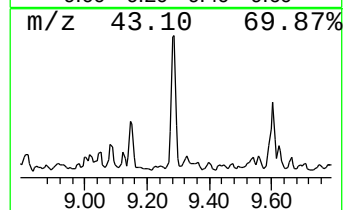
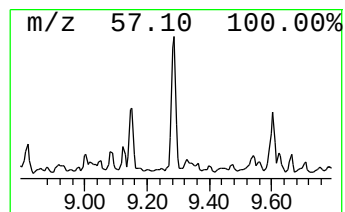
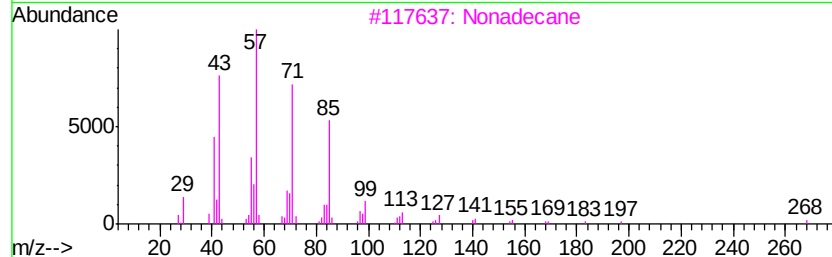
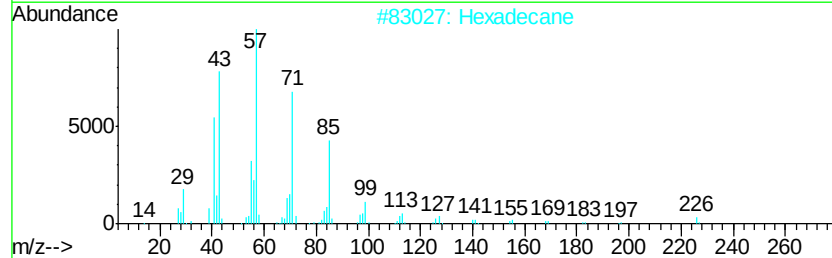
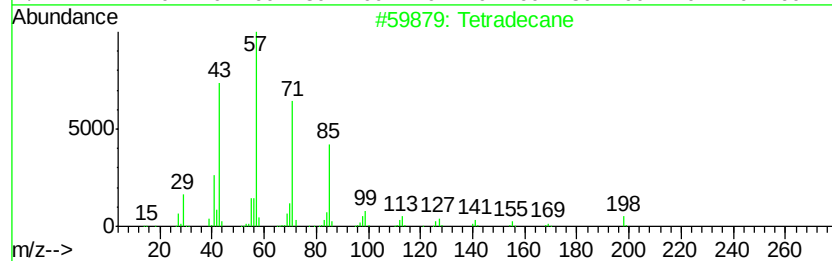
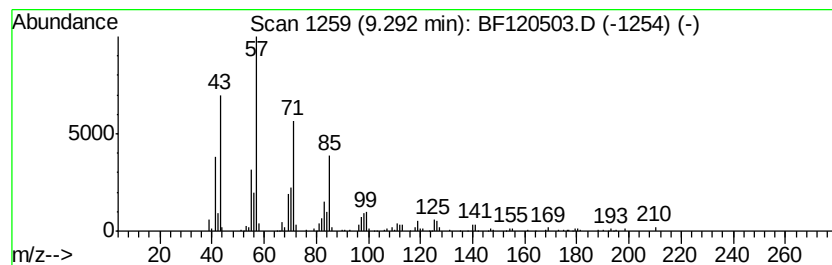
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	14.28 ng	897392	Acenaphthene-d10	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 93
2		Hexadecane	226 C16H34	000544-76-3 91
3		Nonadecane	268 C19H40	000629-92-5 91
4		Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3 83
5		Tridecane, 1-iodo-	310 C13H27I	035599-77-0 80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
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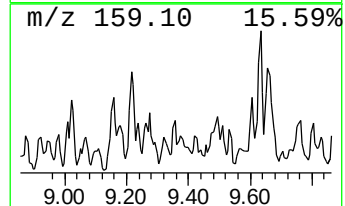
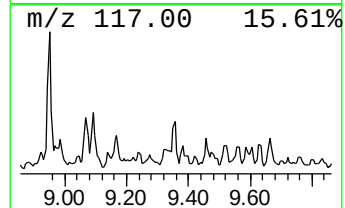
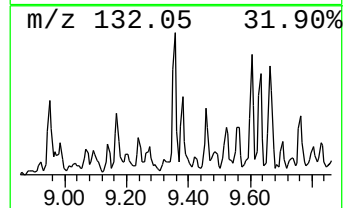
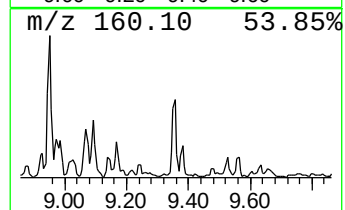
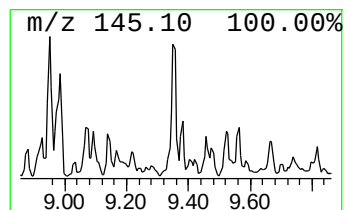
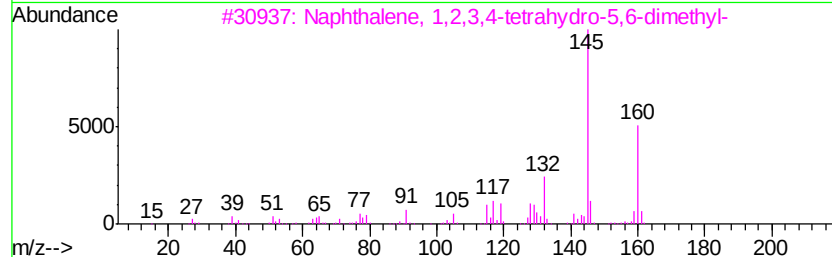
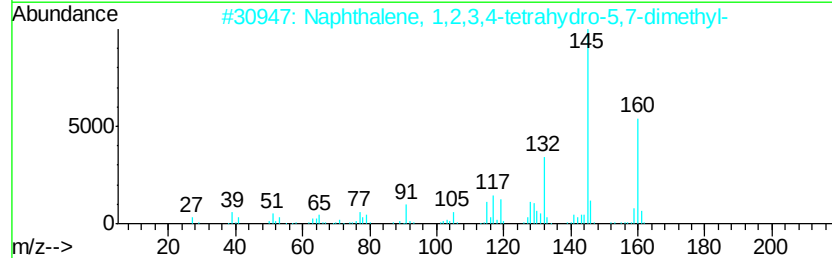
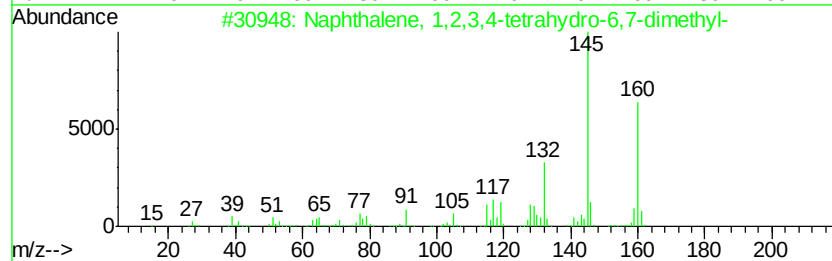
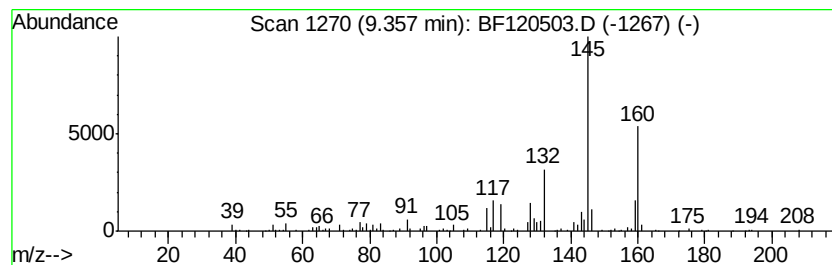
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, 1,2,3,4-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	4.25 ng	267115	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	90
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	87
5		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
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Operator : JU/CG
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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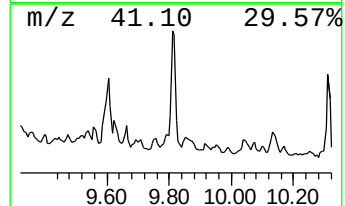
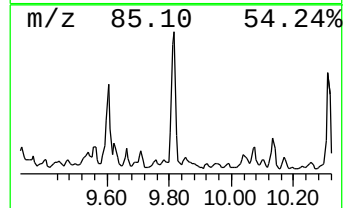
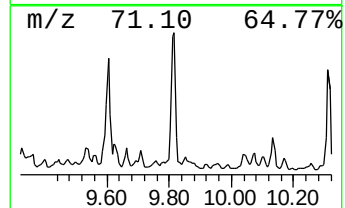
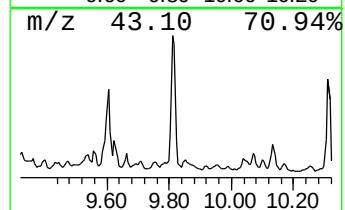
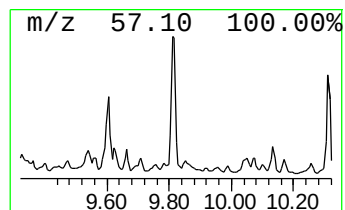
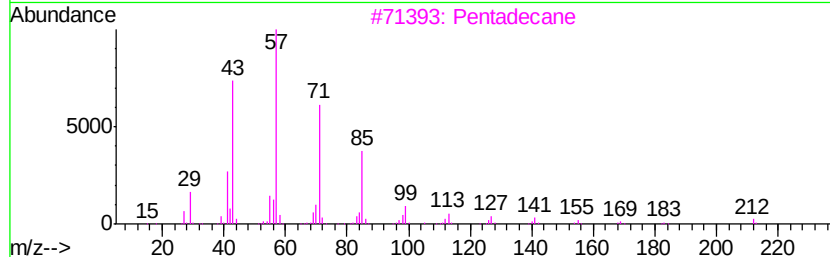
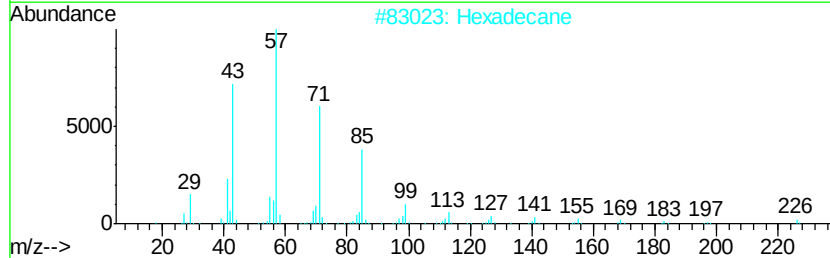
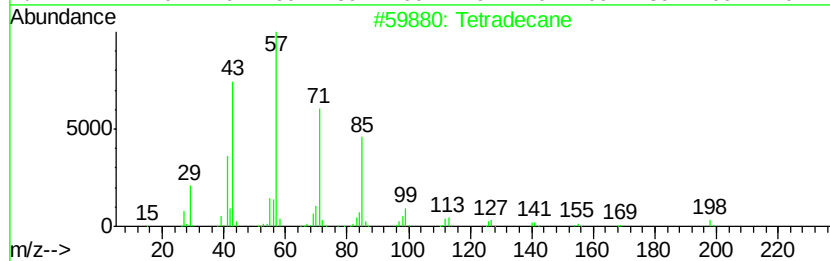
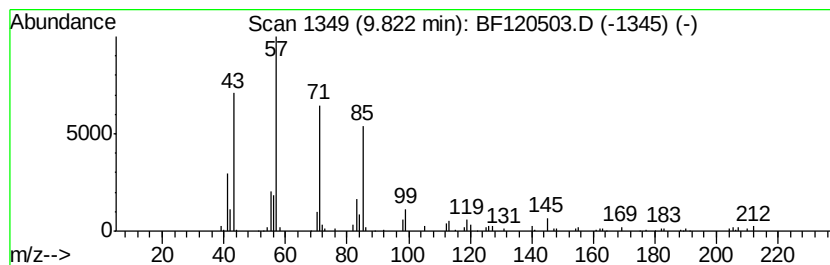
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	10.35 ng	650459	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Pentadecane	212	C15H32	000629-62-9	86
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	78
5		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
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Misc :
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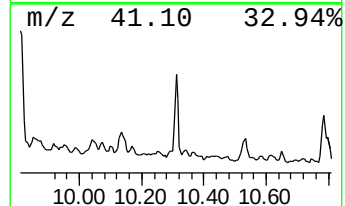
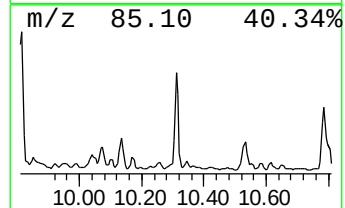
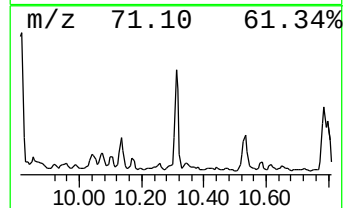
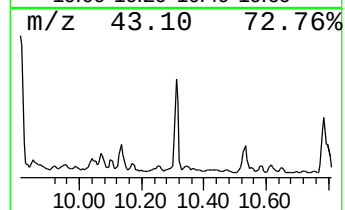
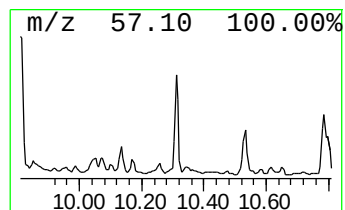
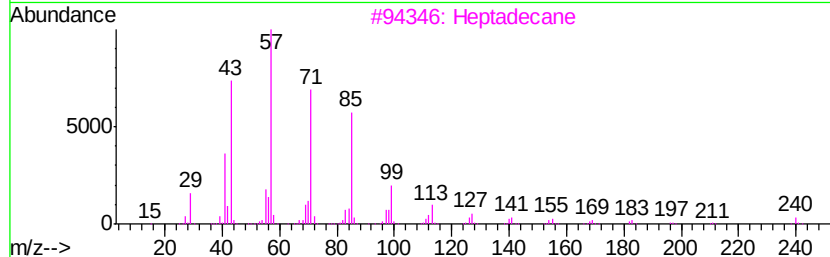
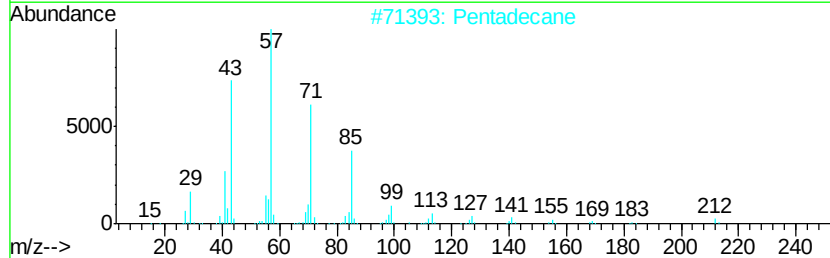
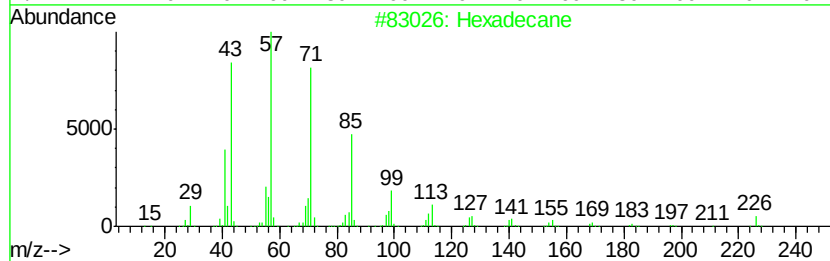
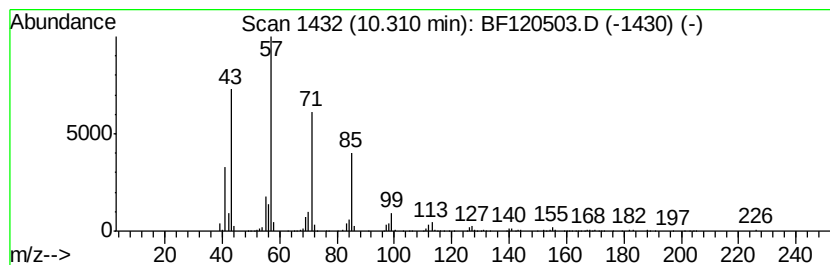
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.31	6.59 ng	414221	Acenaphthene-d10		9.89
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Pentadecane	212	C15H32	000629-62-9	86
3	Heptadecane	240	C17H36	000629-78-7	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
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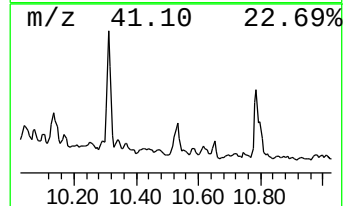
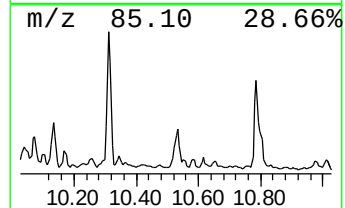
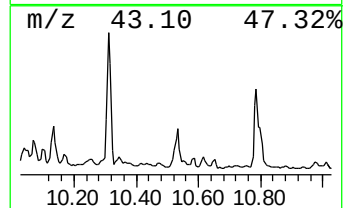
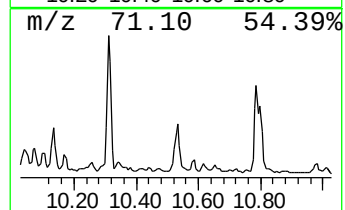
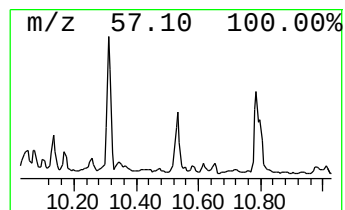
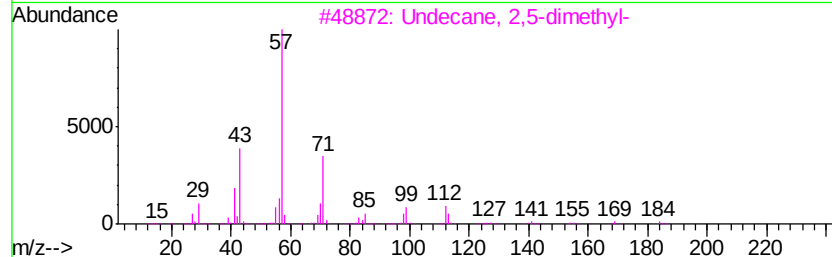
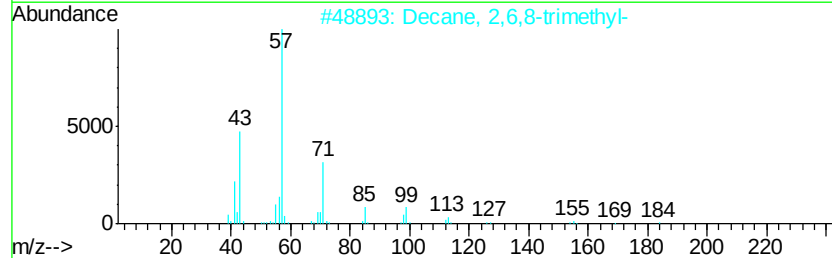
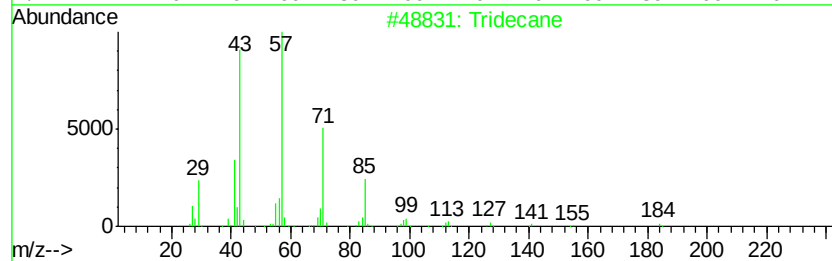
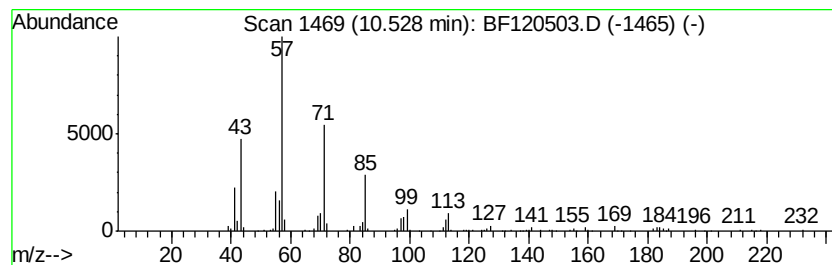
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Decane, 2,6,8-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.53	4.07 ng	255609	Acenaphthene-d10	9.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	80
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
4	Hexadecane	226	C16H34	000544-76-3	72
5	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
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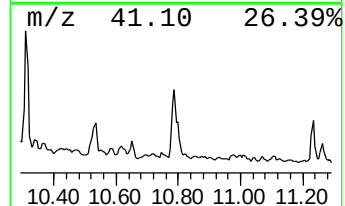
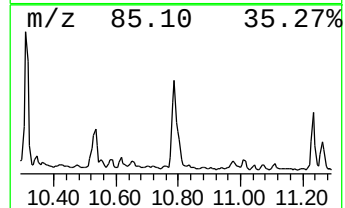
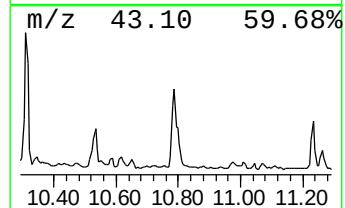
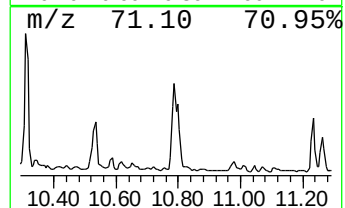
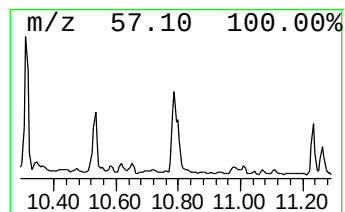
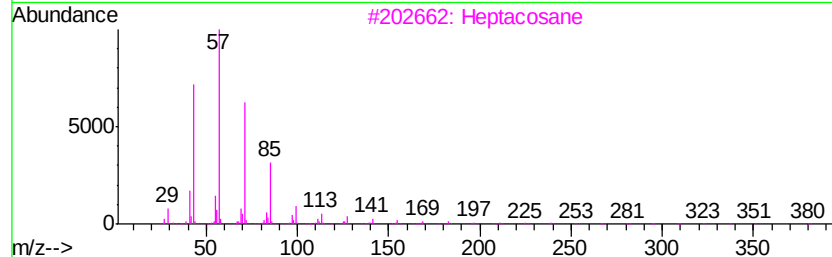
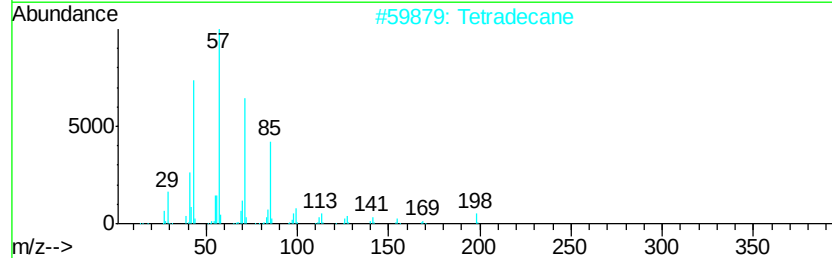
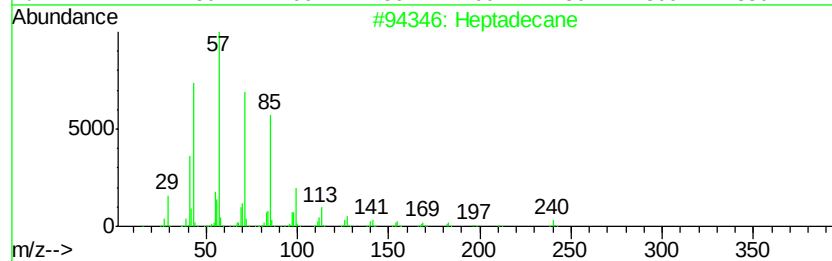
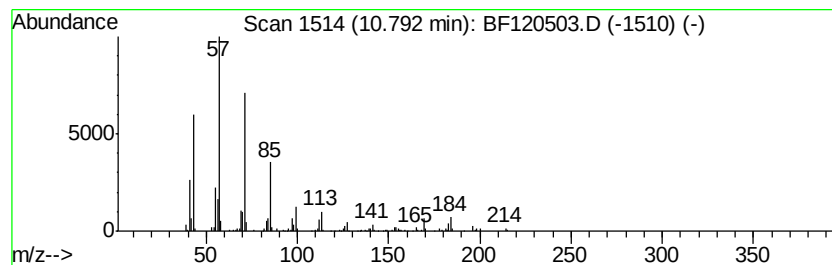
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	9.09 ng	473940	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	97
2	Tetradecane		198	C14H30	000629-59-4	95
3	Heptacosane		380	C27H56	000593-49-7	91
4	Hexadecane		226	C16H34	000544-76-3	90
5	Nonadecane		268	C19H40	000629-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120503.D
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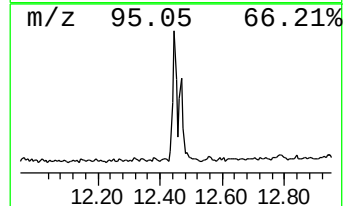
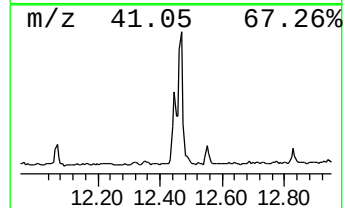
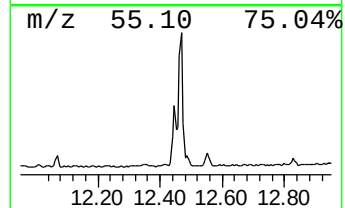
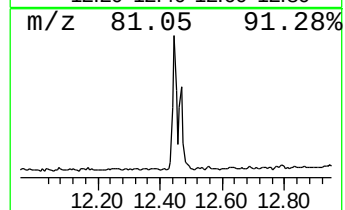
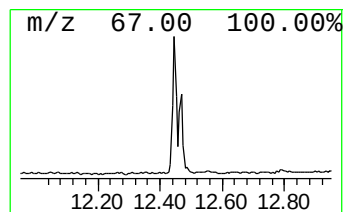
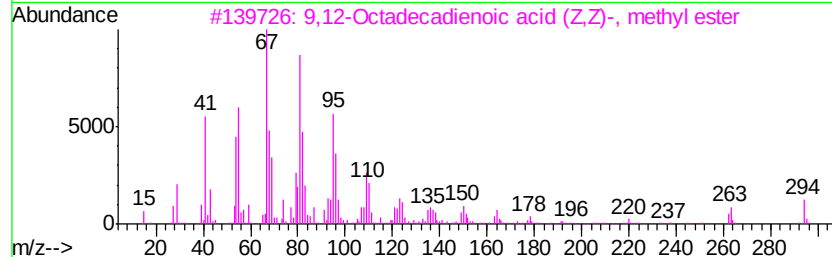
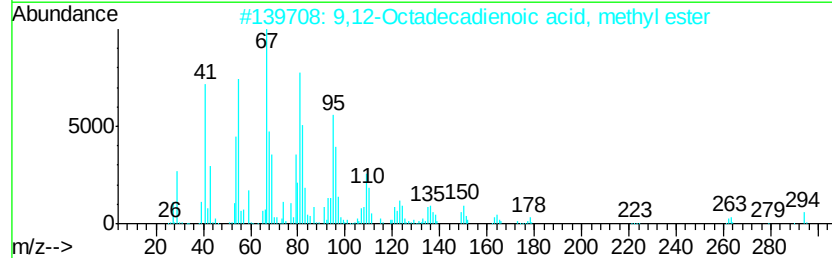
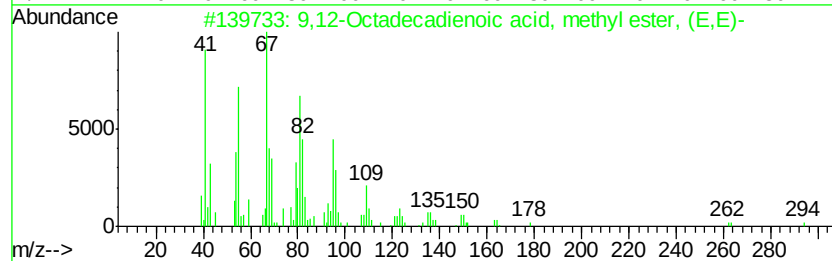
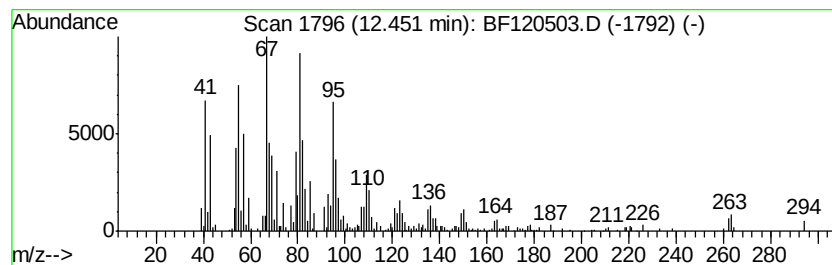
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	8.52 ng	444146	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
4			9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	96
5			9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120503.D
Acq On : 2 Jun 2020 19:03
Operator : JU/CG
Sample : L2813-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-052920

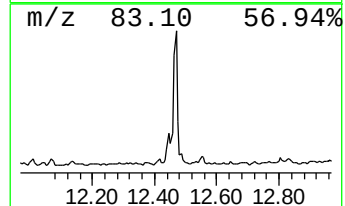
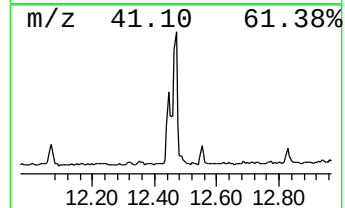
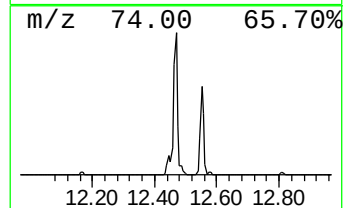
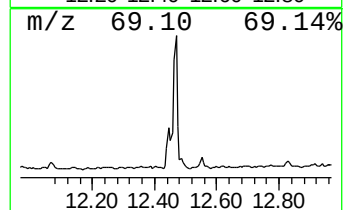
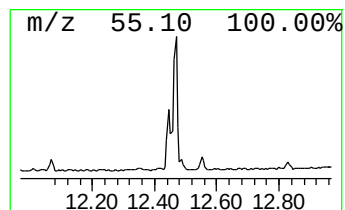
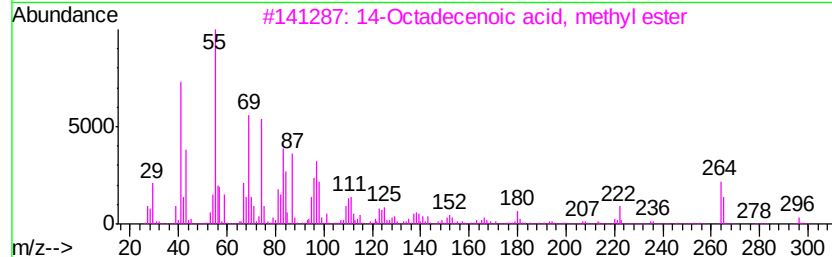
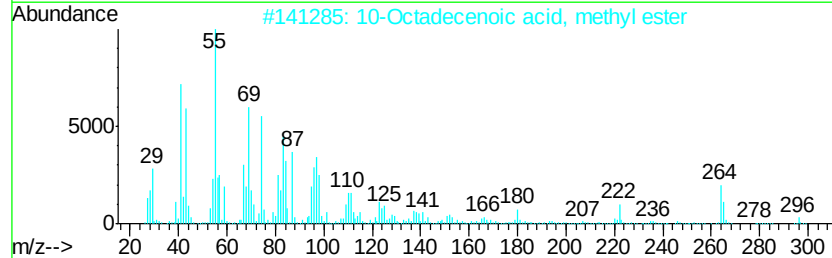
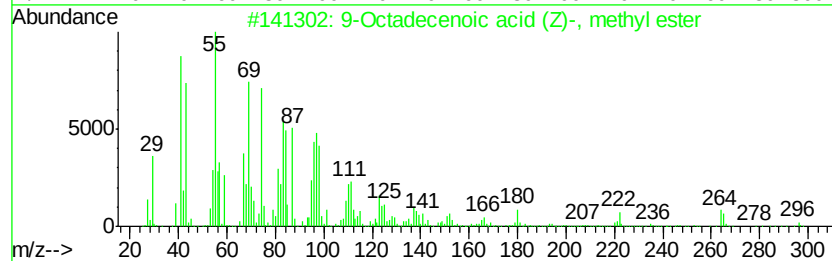
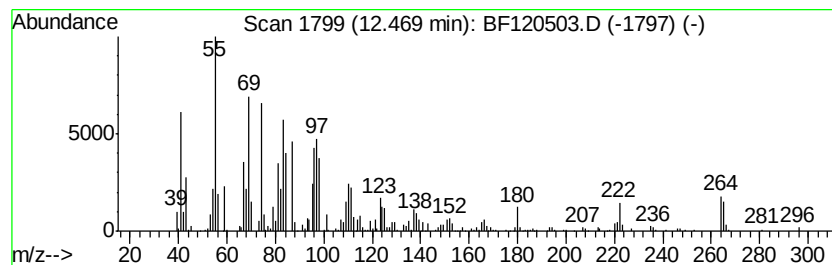
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 9-Octadecenoic acid (Z)-, m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	10.99 ng	573123	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
5		9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060220\
 Data File : BF120503.D
 Acq On : 2 Jun 2020 19:03
 Operator : JU/CG
 Sample : L2813-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-052920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.09	6.8	ng	334684	1	6.85	991353	20.0
1,1'-Bicyclopentyl	7.24	4.0	ng	196486	1	6.85	991353	20.0
unknown7.49	7.49	3.4	ng	267925	2	8.13	1587160	20.0
Undecane, 2,6-dim...	8.19	4.5	ng	357694	2	8.13	1587160	20.0
unknown8.42	8.42	3.9	ng	309072	2	8.13	1587160	20.0
Pentadecane, 2,6,...	8.55	3.8	ng	298304	2	8.13	1587160	20.0
Tridecane	8.72	8.1	ng	644506	2	8.13	1587160	20.0
unknown8.82	8.82	3.6	ng	287254	2	8.13	1587160	20.0
Naphthalene, 1,2,...	8.95	3.5	ng	273572	2	8.13	1587160	20.0
Naphthalene, 1,2,...	9.09	5.6	ng	349621	3	9.89	1256670	20.0
Tetradecane	9.29	14.3	ng	897392	3	9.89	1256670	20.0
Naphthalene, 1,2,...	9.36	4.3	ng	267115	3	9.89	1256670	20.0
Pentadecane	9.82	10.4	ng	650459	3	9.89	1256670	20.0
Hexadecane	10.31	6.6	ng	414221	3	9.89	1256670	20.0
Decane, 2,6,8-tri...	10.53	4.1	ng	255609	3	9.89	1256670	20.0
Heptadecane	10.79	9.1	ng	473940	4	11.37	1042970	20.0
9,12-Octadecadien...	12.45	8.5	ng	444146	4	11.37	1042970	20.0
9-Octadecenoic ac...	12.47	11.0	ng	573123	4	11.37	1042970	20.0