

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020519\
 Data File : BF112400.D
 Acq On : 5 Feb 2019 17:15
 Operator : JU/SJ
 Sample : K1341-03 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-020419-B

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-BF012519.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	5.463	571	574	588	rBV	282580	343043	6.21%	0.616%
2	6.363	724	727	729	rBV2	160394	170368	3.08%	0.306%
3	6.434	734	739	744	rBV2	78884	124411	2.25%	0.223%
4	6.481	744	747	758	rBV2	330259	491166	8.89%	0.882%
5	6.604	766	768	774	rVB	445761	450548	8.16%	0.809%
6	6.669	774	779	782	rBV2	769020	868696	15.73%	1.559%
7	6.828	802	806	813	rVV2	1037105	1204175	21.80%	2.161%
8	6.887	813	816	821	rVV2	198353	194565	3.52%	0.349%
9	6.987	829	833	836	rBV2	490426	554994	10.05%	0.996%
10	7.104	850	853	856	rVB	333690	326944	5.92%	0.587%
11	7.151	856	861	862	rBV2	279116	341829	6.19%	0.614%
12	7.169	862	864	868	rVB	253587	217009	3.93%	0.390%
13	7.222	868	873	876	rBV2	361997	406438	7.36%	0.730%
14	7.322	887	890	892	rVV	119762	120105	2.17%	0.216%
15	7.363	892	897	900	rVV3	316744	422179	7.64%	0.758%
16	7.392	900	902	905	rVV2	316773	381418	6.91%	0.685%
17	7.428	905	908	912	rVB	1987389	1593453	28.85%	2.860%
18	7.481	912	917	920	rVB5	270267	370582	6.71%	0.665%
19	7.516	920	923	925	rBV2	147419	182489	3.30%	0.328%
20	7.539	925	927	931	rVV4	157229	182124	3.30%	0.327%
21	7.610	936	939	941	rVV2	185699	242748	4.40%	0.436%
22	7.634	941	943	947	rVB2	272955	292515	5.30%	0.525%
23	7.734	953	960	962	rBV3	329684	452085	8.19%	0.811%
24	7.757	962	964	968	rVV4	235192	317277	5.74%	0.569%
25	7.798	968	971	973	rVB3	252722	271686	4.92%	0.488%
26	7.834	973	977	978	rBV3	318509	301749	5.46%	0.542%
27	7.863	978	982	987	rVV5	459770	724920	13.13%	1.301%
28	7.910	987	990	991	rVV	220048	184294	3.34%	0.331%
29	7.951	995	997	1000	rVB	294998	227288	4.12%	0.408%
30	7.981	1000	1002	1006	rBV2	140497	144439	2.62%	0.259%
31	8.063	1012	1016	1018	rBV4	158074	262993	4.76%	0.472%
32	8.098	1018	1022	1024	rVV	2699752	2717573	49.21%	4.878%
33	8.116	1024	1025	1027	rVV	1542944	853974	15.46%	1.533%
34	8.134	1027	1028	1031	rVV2	298179	301407	5.46%	0.541%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.175	1031	1035	1038	rVB	702372	666588	12.07%	1.196%
36	8.204	1038	1040	1042	rBV	176319	136714	2.48%	0.245%
37	8.310	1056	1058	1062	rVB2	215060	218243	3.95%	0.392%
38	8.404	1069	1074	1081	rBV5	545596	677075	12.26%	1.215%
39	8.457	1081	1083	1086	rBV3	268910	234045	4.24%	0.420%
40	8.492	1086	1089	1092	rVB3	417863	409496	7.41%	0.735%
41	8.533	1092	1096	1098	rBV	851143	698100	12.64%	1.253%
42	8.557	1098	1100	1102	rVB	156334	108423	1.96%	0.195%
43	8.581	1102	1104	1106	rVB3	129857	105005	1.90%	0.188%
44	8.616	1107	1110	1113	rBV2	503074	402566	7.29%	0.723%
45	8.657	1113	1117	1119	rBV4	119820	160586	2.91%	0.288%
46	8.704	1122	1125	1128	rBV	2475750	2016603	36.51%	3.620%
47	8.775	1133	1137	1139	rVV3	258336	258933	4.69%	0.465%
48	8.804	1139	1142	1144	rVB2	247021	233674	4.23%	0.419%
49	8.828	1144	1146	1149	rVB	418473	298267	5.40%	0.535%
50	8.886	1154	1156	1160	rBV5	106379	176374	3.19%	0.317%
51	8.933	1160	1164	1167	rBV2	360618	432529	7.83%	0.776%
52	8.986	1171	1173	1175	rBV3	167778	147151	2.66%	0.264%
53	9.022	1177	1179	1183	rVB3	251630	332549	6.02%	0.597%
54	9.069	1183	1187	1191	rVB3	324029	398852	7.22%	0.716%
55	9.110	1191	1194	1195	rBV	242811	176589	3.20%	0.317%
56	9.133	1195	1198	1203	rVB2	680792	622590	11.27%	1.117%
57	9.186	1204	1207	1210	rBV	622765	465584	8.43%	0.836%
58	9.269	1217	1221	1224	rBV	2192028	1890057	34.22%	3.392%
59	9.339	1231	1233	1236	rVB2	198809	152710	2.77%	0.274%
60	9.386	1239	1241	1244	rVB2	127271	108365	1.96%	0.195%
61	9.457	1249	1253	1256	rVB2	215921	270210	4.89%	0.485%
62	9.528	1262	1265	1267	rVV2	295412	317678	5.75%	0.570%
63	9.551	1267	1269	1271	rVV2	203980	202679	3.67%	0.364%
64	9.586	1271	1275	1277	rVV3	600467	718914	13.02%	1.290%
65	9.610	1277	1279	1282	rVB2	241374	223449	4.05%	0.401%
66	9.645	1282	1285	1287	rBV3	249433	198197	3.59%	0.356%
67	9.798	1308	1311	1314	rVB	1555160	1149405	20.81%	2.063%
68	9.869	1320	1323	1326	rVB	1539455	1283439	23.24%	2.304%
69	9.904	1326	1329	1333	rVB2	228861	197168	3.57%	0.354%
70	9.969	1338	1340	1345	rVB2	95743	119640	2.17%	0.215%
71	10.028	1346	1350	1353	rBV4	104548	177847	3.22%	0.319%

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72	10.075	1353	1358	1362	rVB4	176088	285114	5.16%	0.512%
73	10.116	1362	1365	1369	rVB3	212985	271407	4.91%	0.487%
74	10.186	1374	1377	1380	rBV3	109294	145112	2.63%	0.260%
75	10.292	1389	1395	1398	rBV	901577	857551	15.53%	1.539%
76	10.416	1412	1416	1423	rBV	230390	256067	4.64%	0.460%
77	10.516	1428	1433	1438	rVV	242296	306988	5.56%	0.551%
78	10.657	1455	1457	1464	rBV	248257	277128	5.02%	0.497%
79	10.769	1472	1476	1485	rVB	604156	782532	14.17%	1.405%
80	11.216	1548	1552	1554	rBV	350651	292262	5.29%	0.525%
81	11.245	1554	1557	1563	rVB2	177065	206787	3.74%	0.371%
82	11.357	1572	1576	1578	rBV	1410409	1245239	22.55%	2.235%
83	11.380	1578	1580	1586	rVV	615575	522880	9.47%	0.939%
84	11.433	1586	1589	1592	rVB	118386	105302	1.91%	0.189%
85	11.639	1621	1624	1627	rBV	237907	201600	3.65%	0.362%
86	11.704	1630	1635	1636	rVV2	83667	125035	2.26%	0.224%
87	11.739	1638	1641	1645	rVB	2226643	1770225	32.05%	3.177%
88	12.045	1690	1693	1699	rVB	166019	155375	2.81%	0.279%
89	12.427	1753	1758	1760	rBV	5207634	5340176	96.69%	9.585%
90	12.451	1760	1762	1768	rVV	6215438	5522816	100.00%	9.913%
91	12.533	1772	1776	1779	rBV	825008	687450	12.45%	1.234%
92	12.569	1779	1782	1793	rBV	299044	461116	8.35%	0.828%
93	12.804	1817	1822	1828	rVB2	264388	310990	5.63%	0.558%
94	12.933	1840	1844	1848	rBV	483889	449507	8.14%	0.807%
95	13.921	2009	2012	2017	rBV	108841	110943	2.01%	0.199%
96	13.998	2021	2025	2028	rBV	1086980	1018907	18.45%	1.829%
97	14.151	2048	2051	2060	rVB3	93349	122682	2.22%	0.220%
98	14.868	2170	2173	2178	rVB	170101	221628	4.01%	0.398%
99	15.086	2208	2210	2218	rVB	136977	166308	3.01%	0.299%
100	15.468	2271	2275	2280	rVB	683788	866357	15.69%	1.555%

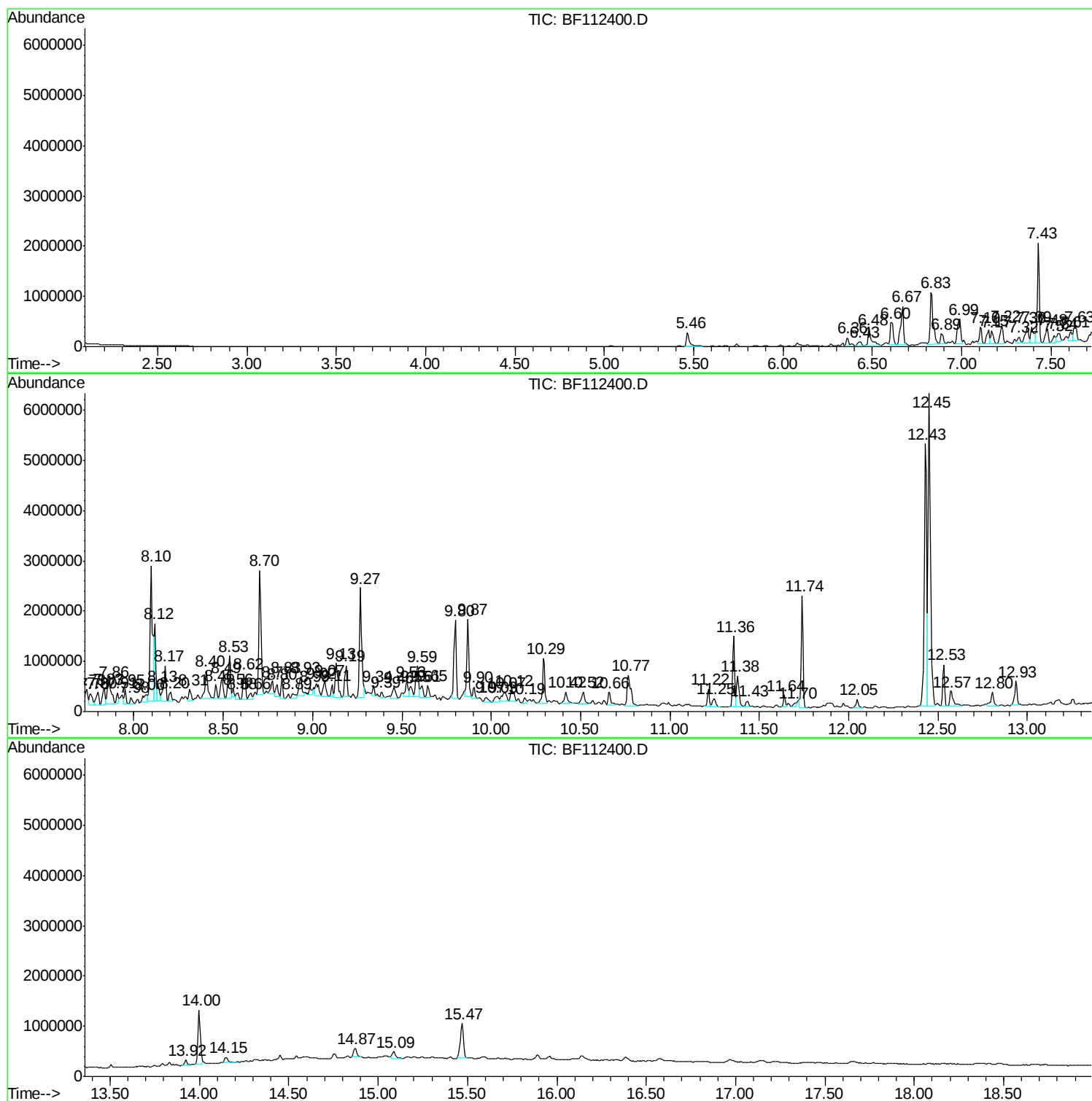
Sum of corrected areas: 55713262

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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.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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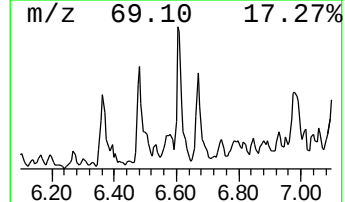
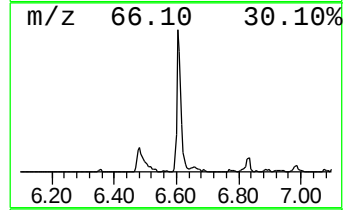
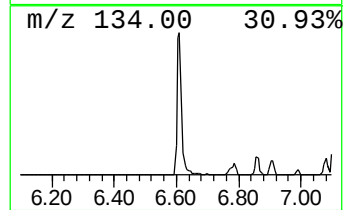
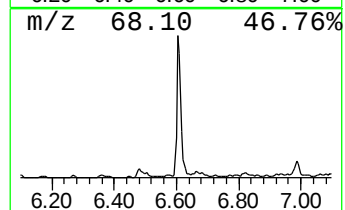
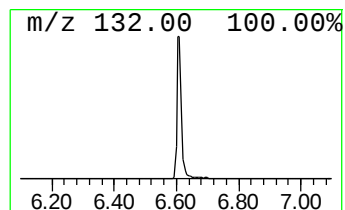
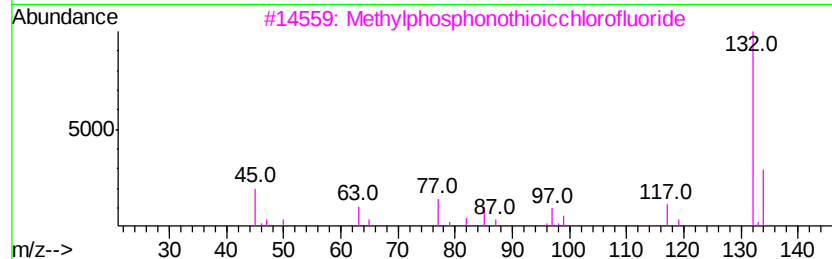
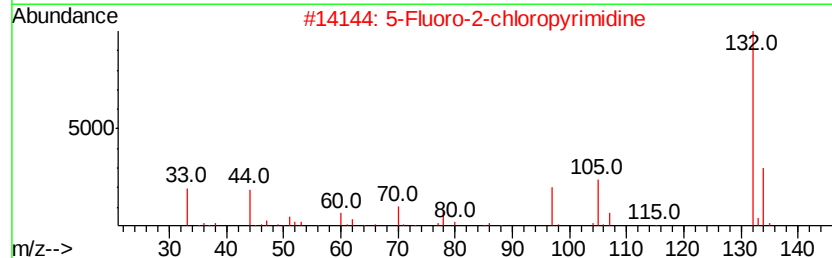
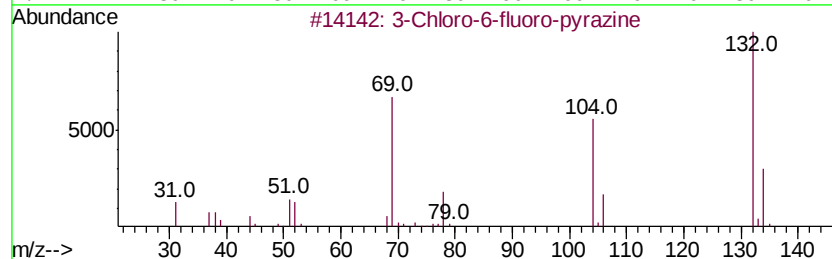
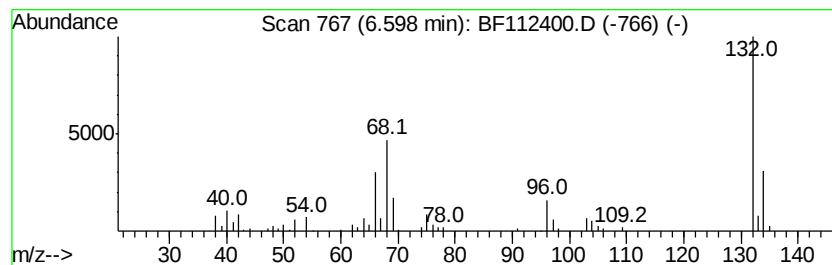
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.60 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	7.48 ng	450548	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	12
4		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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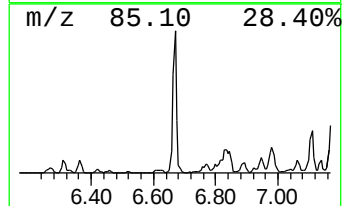
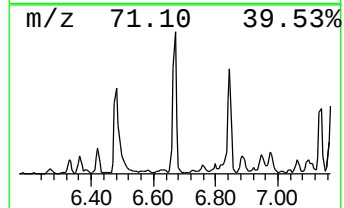
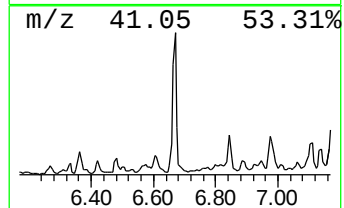
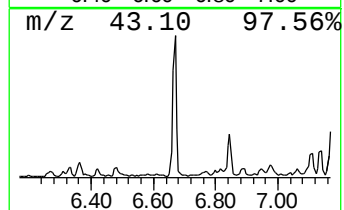
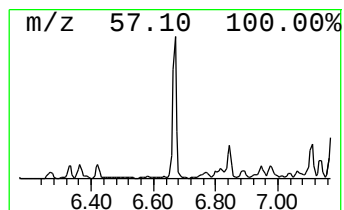
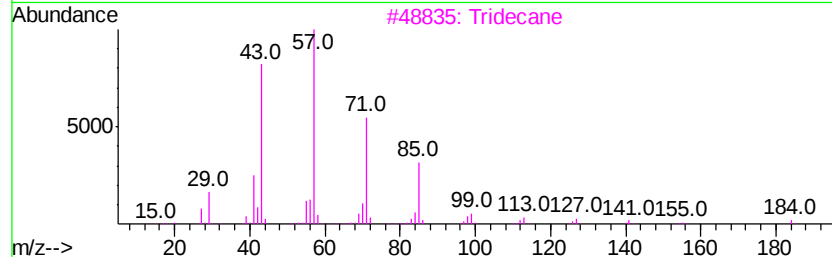
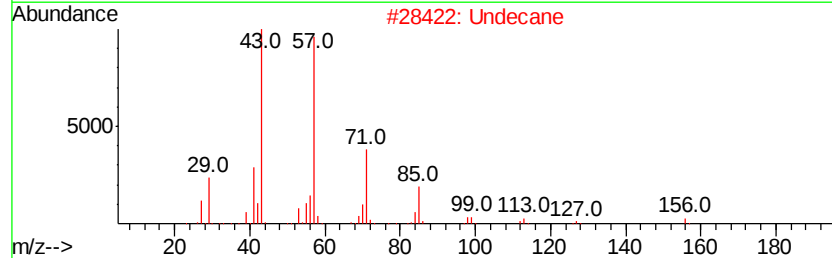
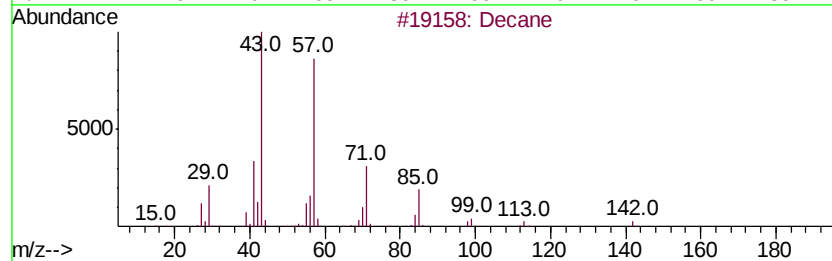
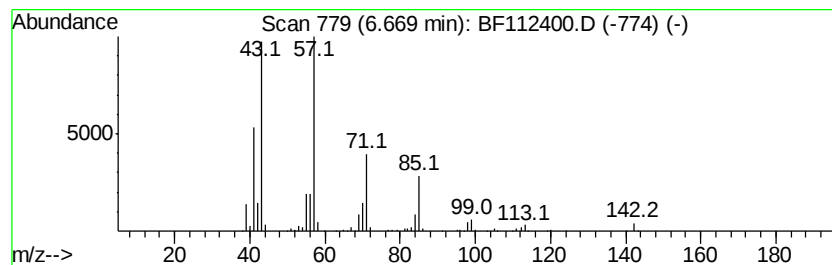
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	14.43 ng	868696	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	93
2		Undecane	156	C11H24	001120-21-4	78
3		Tridecane	184	C13H28	000629-50-5	78
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
5		Hexadecane	226	C16H34	000544-76-3	78



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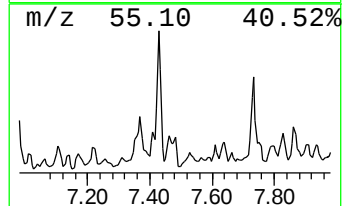
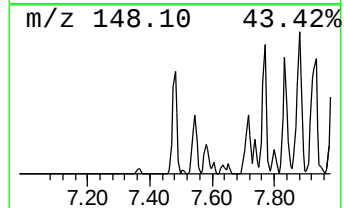
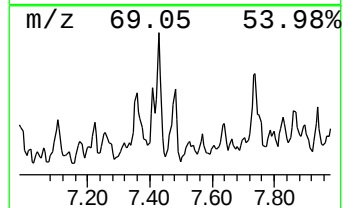
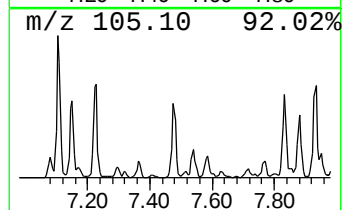
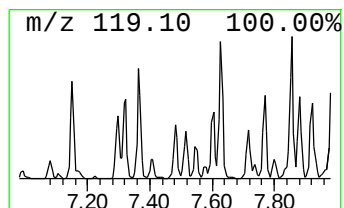
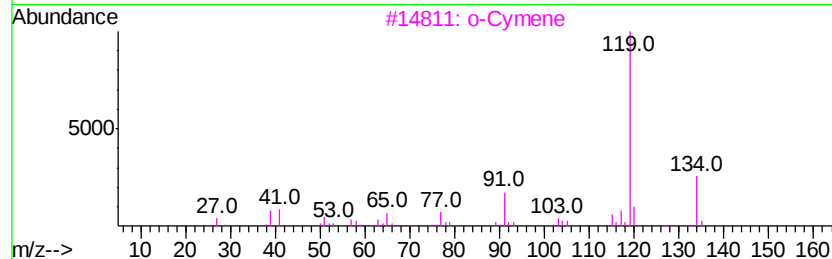
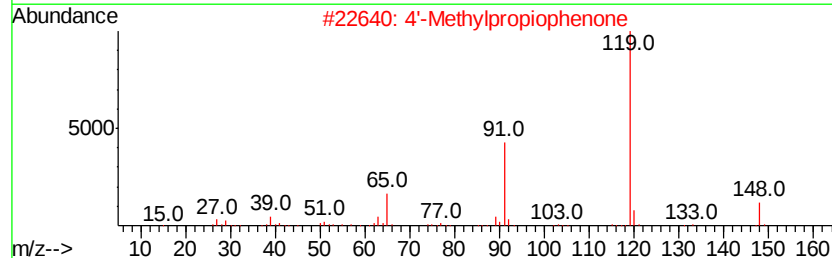
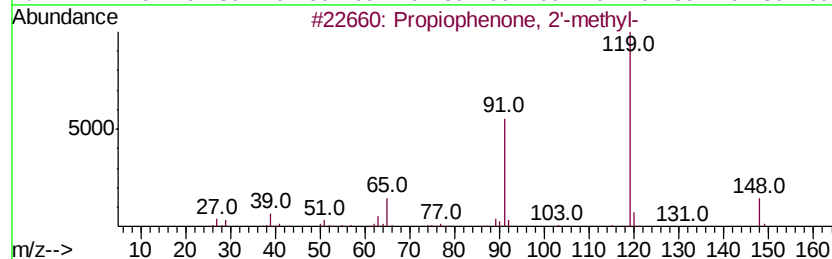
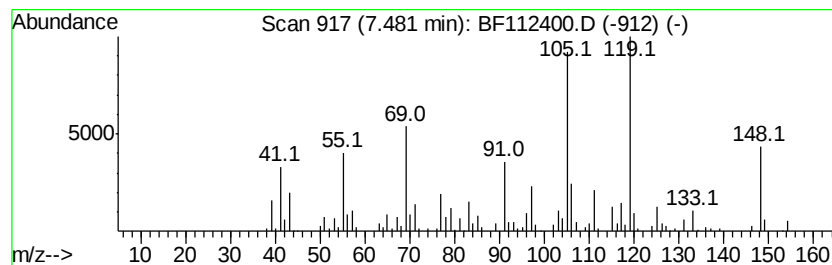
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TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.48 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	8.68 ng	370582	Napthalene-d8	8.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	43
2			4'-Methylpropiophenone	148	C10H12O	005337-93-9	43
3			o-Cymene	134	C10H14	000527-84-4	42
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
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Operator : JU/SJ
Sample : K1341-03 10X
Misc :
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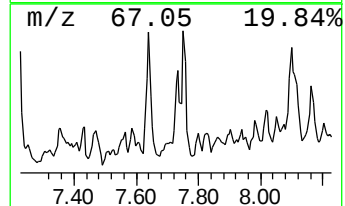
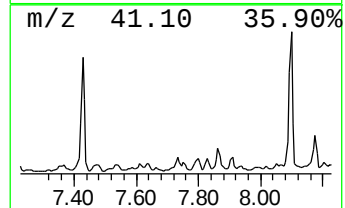
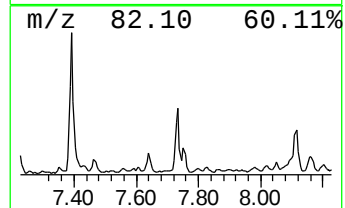
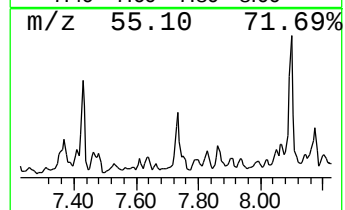
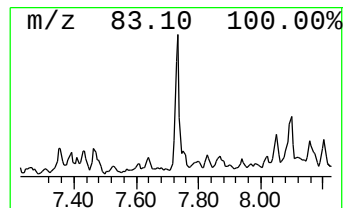
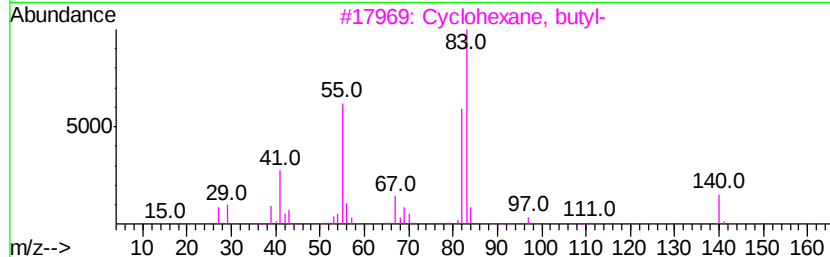
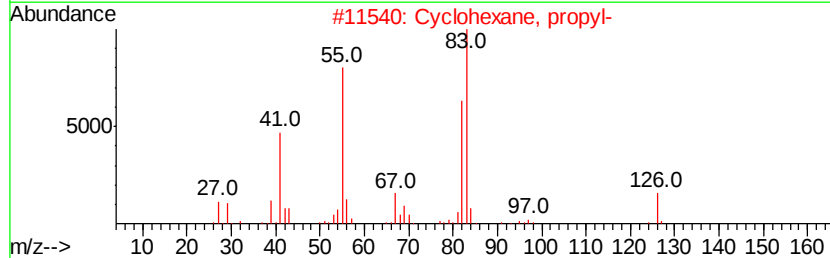
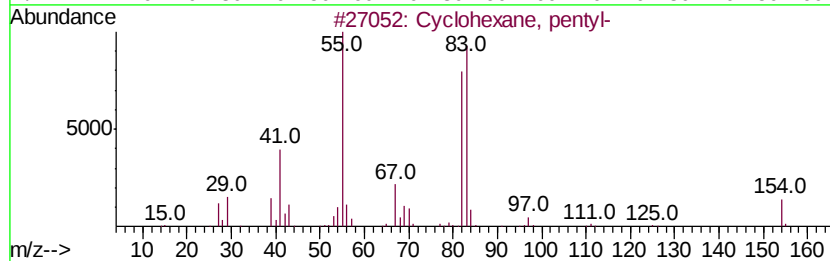
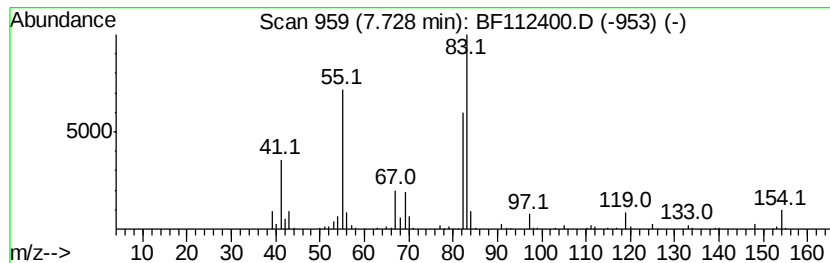
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ClientSampleID :
HR-05-020419-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, pentyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	10.59 ng	452085	Napthalene-d8	8.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, pentyl-	154 C11H22	004292-92-6 81
2		Cyclohexane, propyl-	126 C9H18	001678-92-8 59
3		Cyclohexane, butyl-	140 C10H20	001678-93-9 59
4		Cyclohexane, 2-propenyl-	124 C9H16	002114-42-3 59
5		3-Cyclohexyl-1-chloropropane	160 C9H17Cl	001124-62-5 59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
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Acq On : 5 Feb 2019 17:15
Operator : JU/SJ
Sample : K1341-03 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

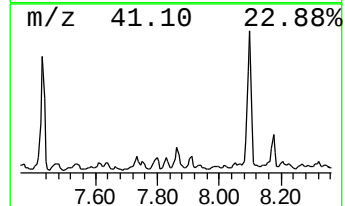
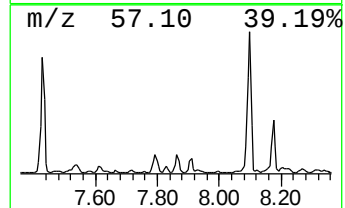
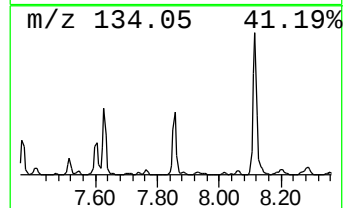
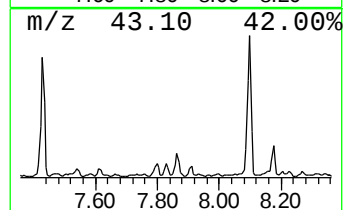
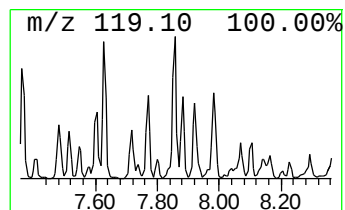
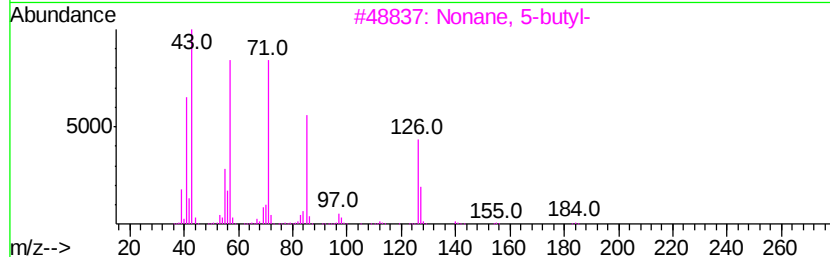
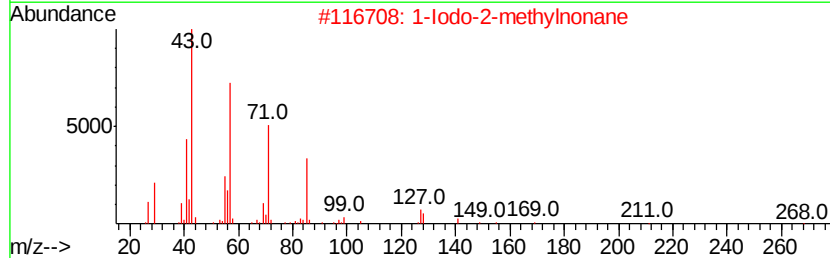
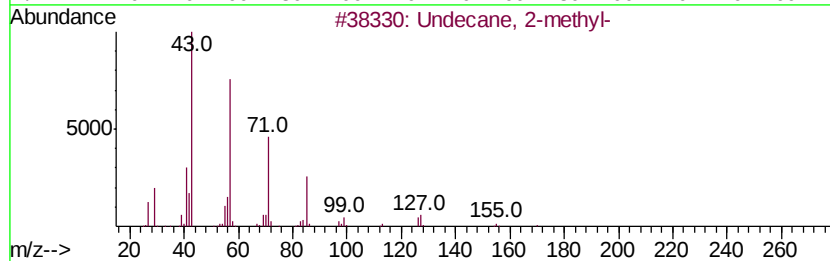
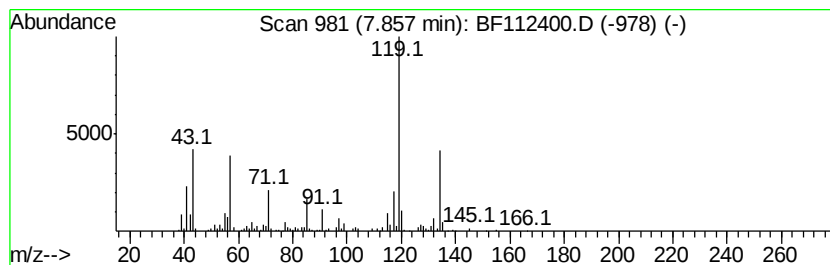
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	16.98 ng	724920	Napthalene-d8	8.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 2-methyl-	170 C12H26	007045-71-8	81
2	1-Iodo-2-methylnonane	268 C10H21I	1000101-47-9	52
3	Nonane, 5-butyl-	184 C13H28	017312-63-9	50
4	Dodecane, 3-methyl-	184 C13H28	017312-57-1	50
5	Undecane, 3-methyl-	170 C12H26	001002-43-3	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112400.D
Acq On : 5 Feb 2019 17:15
Operator : JU/SJ
Sample : K1341-03 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
HR-05-020419-B

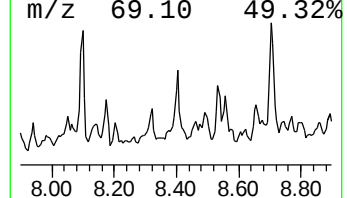
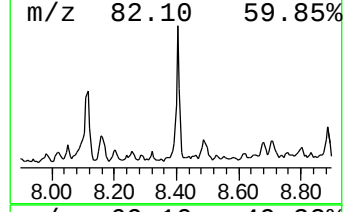
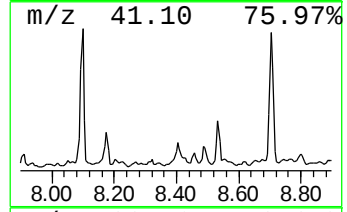
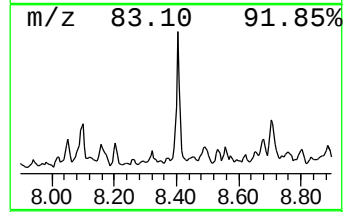
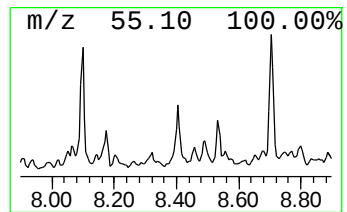
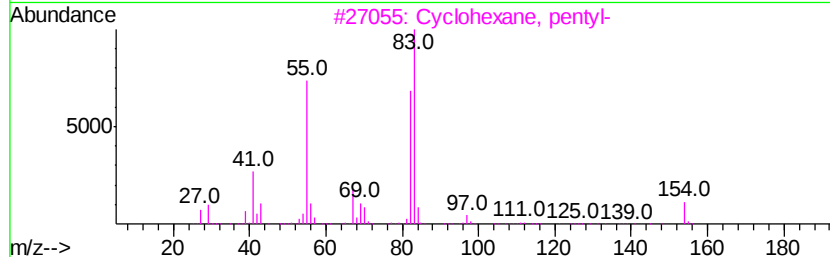
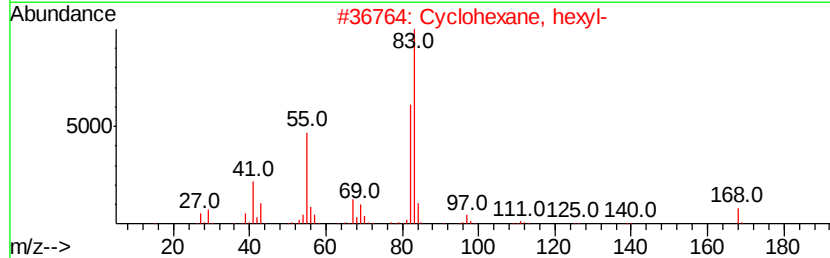
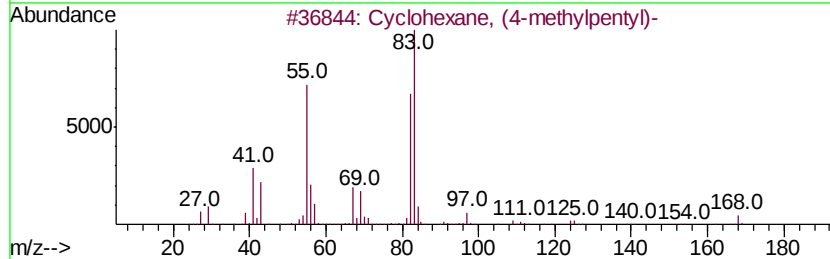
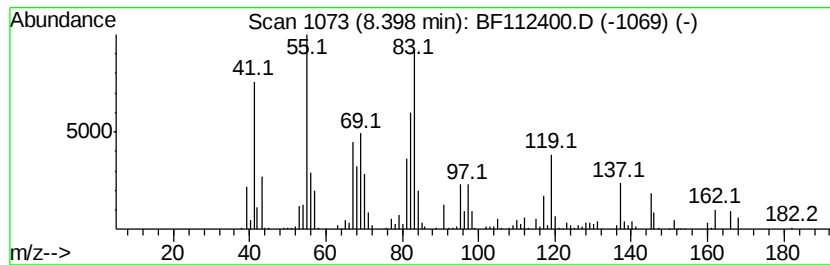
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, (4-methylpentyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	15.86 ng	677075	Napthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	52
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	50
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	47
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
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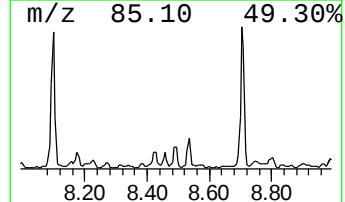
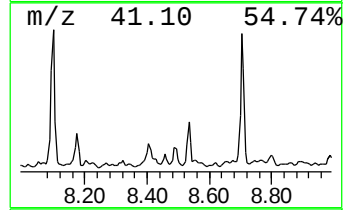
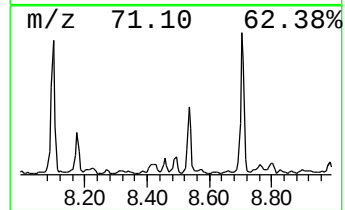
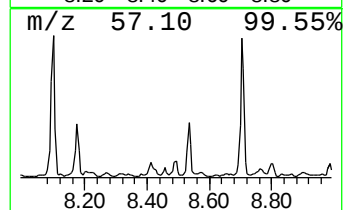
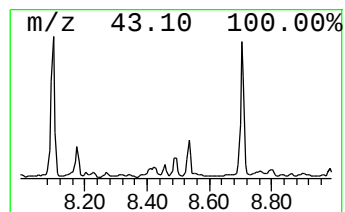
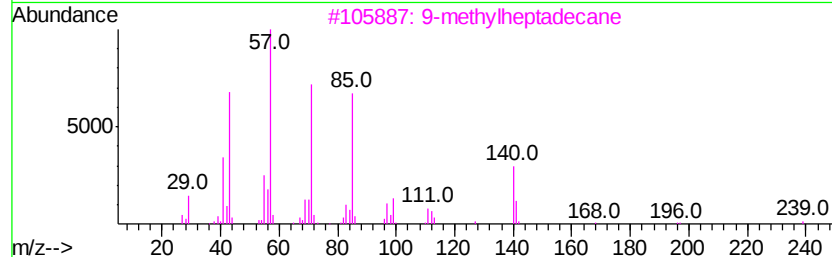
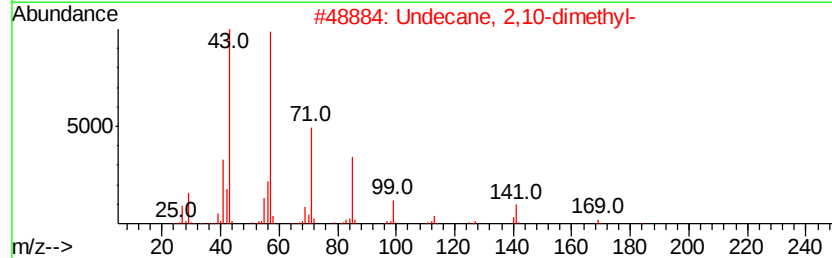
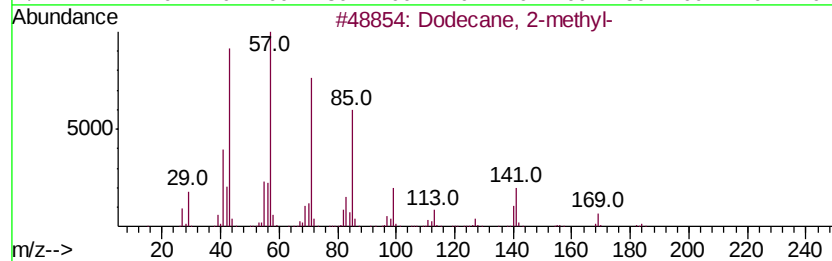
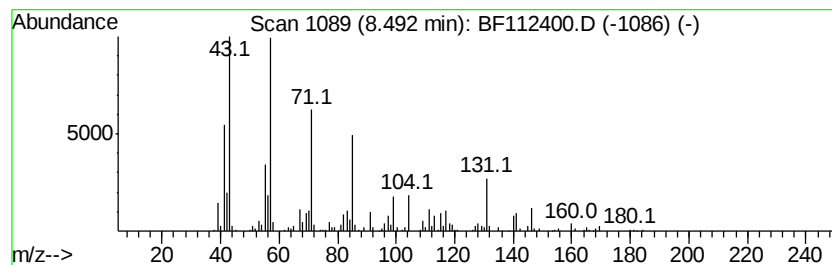
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.49	9.59 ng	409496	Naphthalene-d8	8.12	
Hit# of	5	Tentative ID	MW MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184 C13H28	001560-97-0	97	
2	Undecane, 2,10-dimethyl-	184 C13H28	017301-27-8	60	
3	9-methylheptadecane	254 C18H38	026741-18-4	52	
4	Sulfurous acid, 2-propyl tetra...	320 C17H36O3S	1000309-12-5	52	
5	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	50	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
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Misc :
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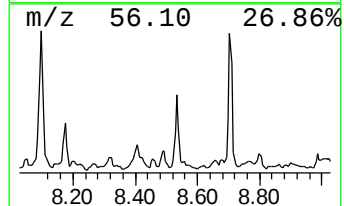
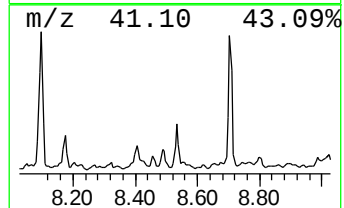
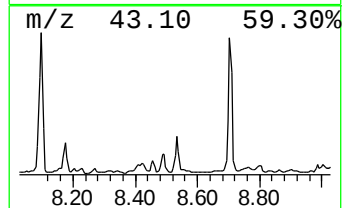
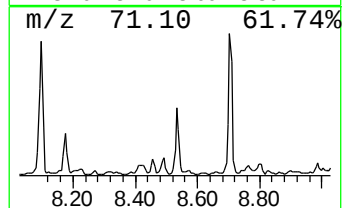
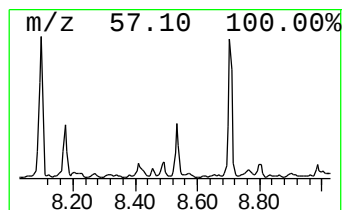
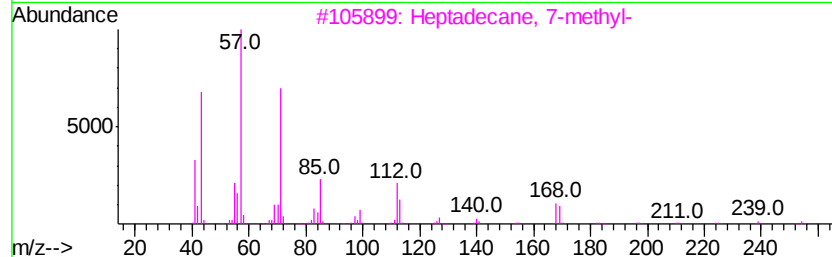
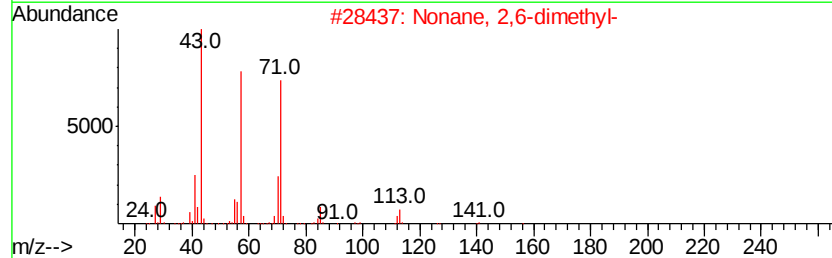
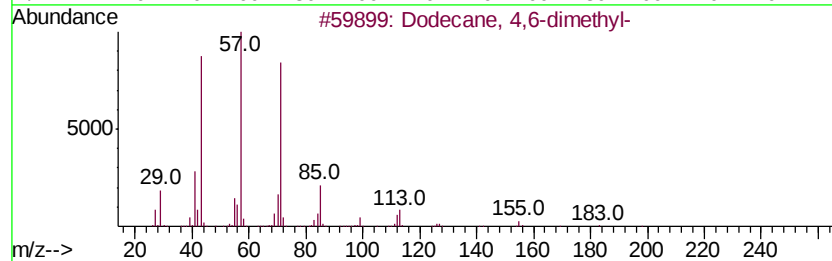
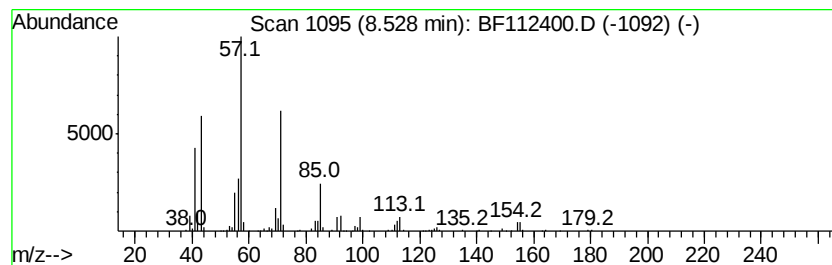
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 4,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.53	16.35 ng	698100	Napthalene-d8	8.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	93
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
4	Heptane, 3-[(ethenvloxy)methyl]-	156	C10H20O	000103-44-6	64
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
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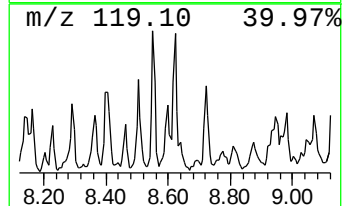
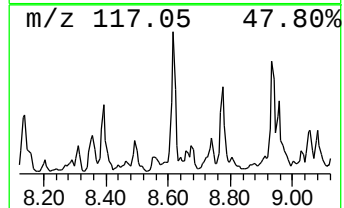
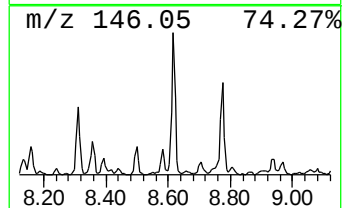
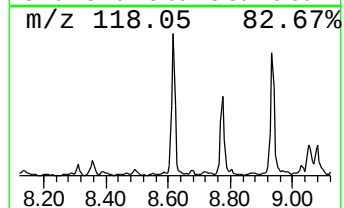
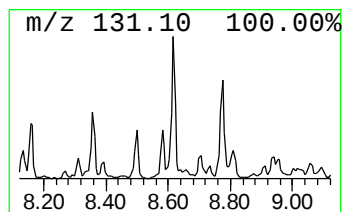
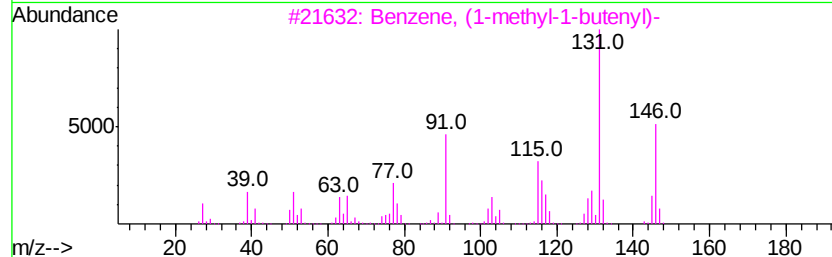
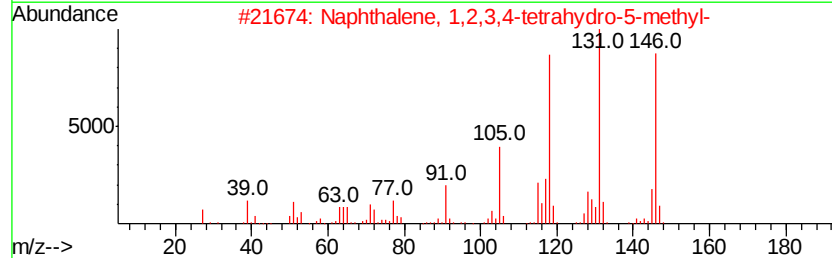
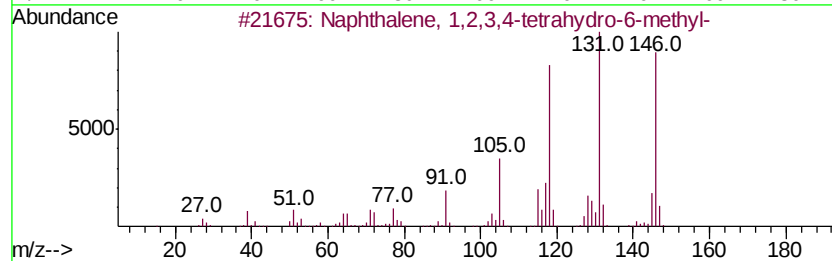
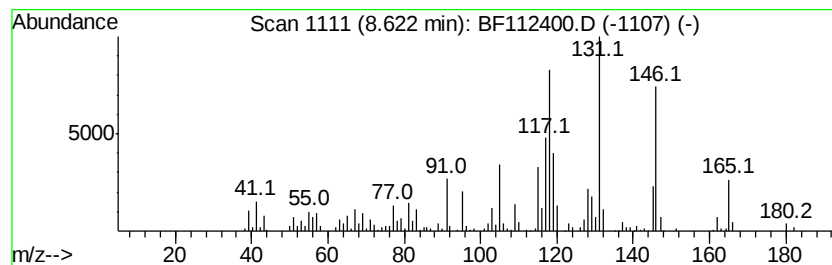
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	9.43 ng	402566	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
5		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
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Sample : K1341-03 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

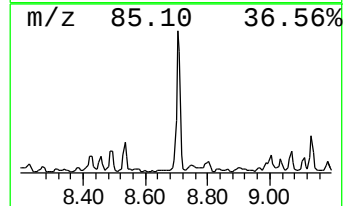
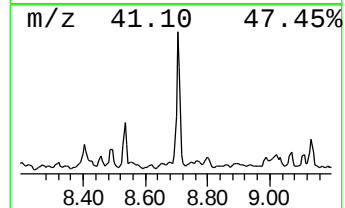
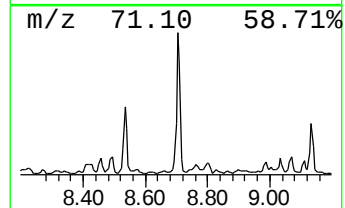
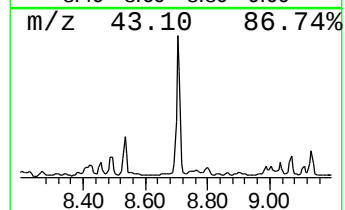
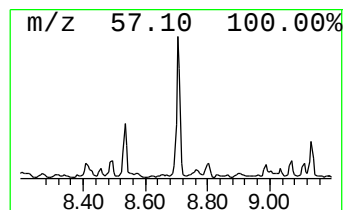
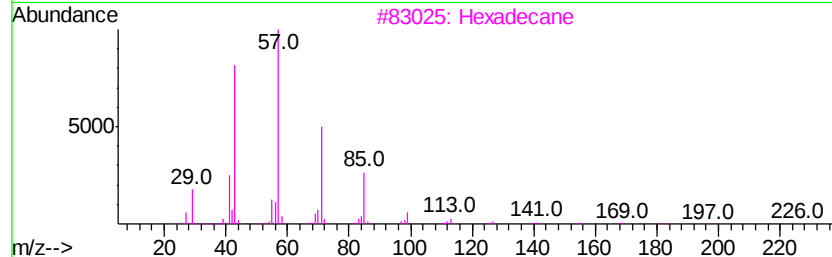
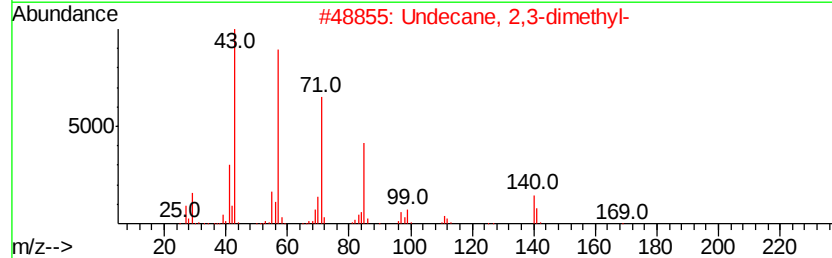
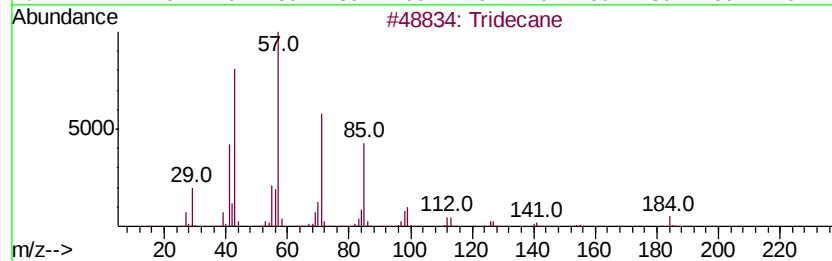
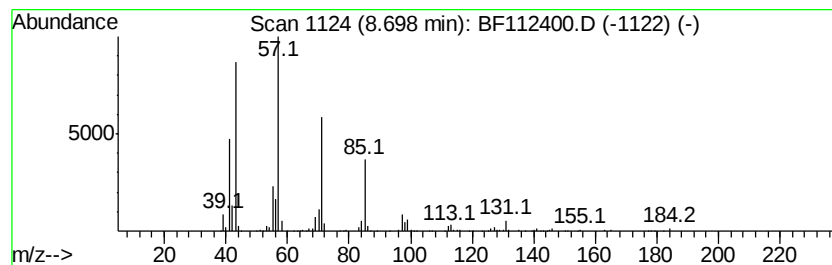
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ClientSampleId :
HR-05-020419-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	47.23 ng	2016600	Naphthalene-d8	8.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	97
2	Undecane, 2,3-dimethyl-	184 C13H28	017312-77-5	90
3	Hexadecane	226 C16H34	000544-76-3	86
4	Tetradecane	198 C14H30	000629-59-4	86
5	Heptadecane	240 C17H36	000629-78-7	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112400.D
Acq On : 5 Feb 2019 17:15
Operator : JU/SJ
Sample : K1341-03 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-B

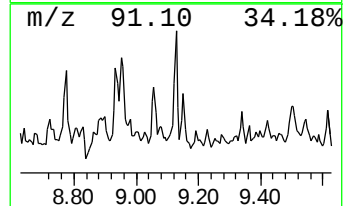
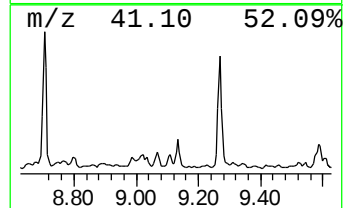
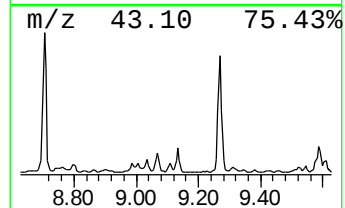
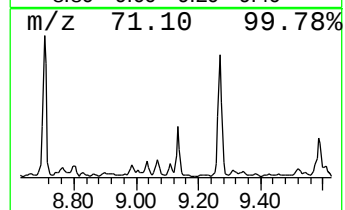
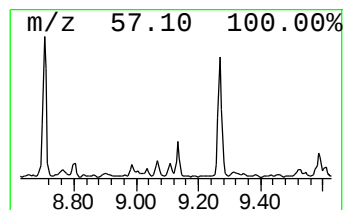
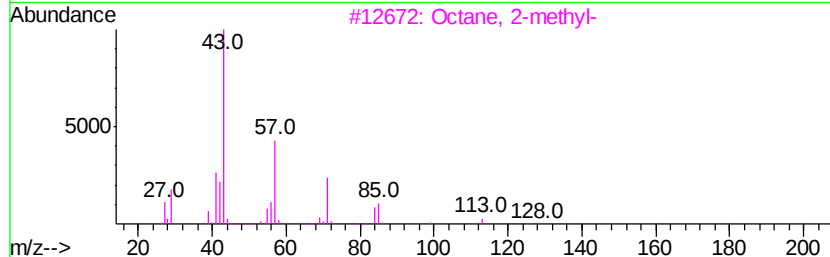
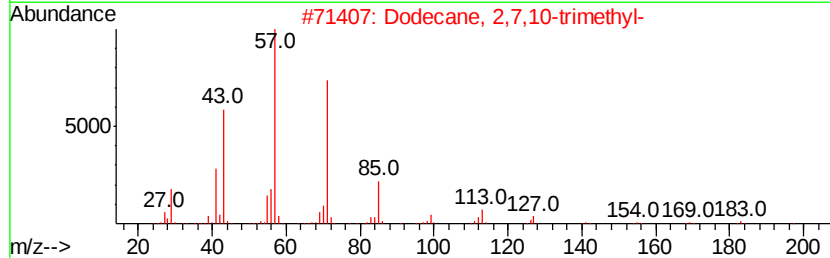
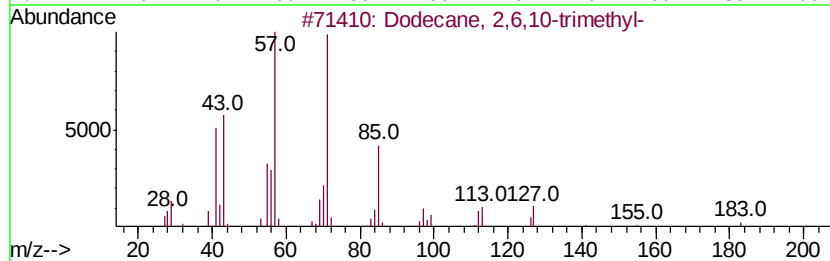
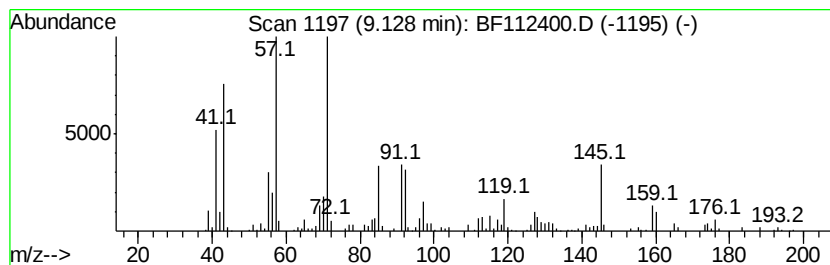
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2,6,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	9.70 ng	622590	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Octane, 2-methyl-	128	C9H20	003221-61-2	58
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	55
5		Hexadecane	226	C16H34	000544-76-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
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Acq On : 5 Feb 2019 17:15
Operator : JU/SJ
Sample : K1341-03 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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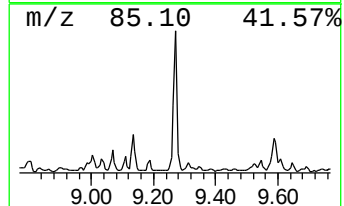
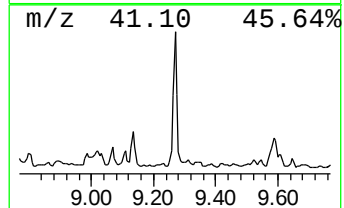
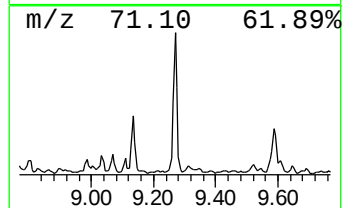
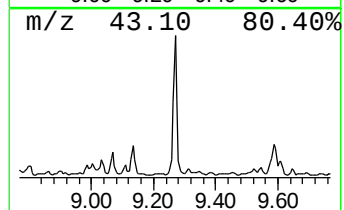
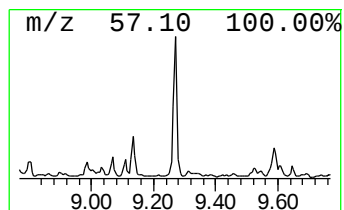
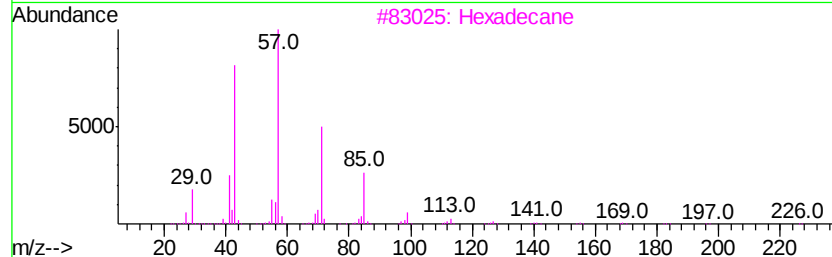
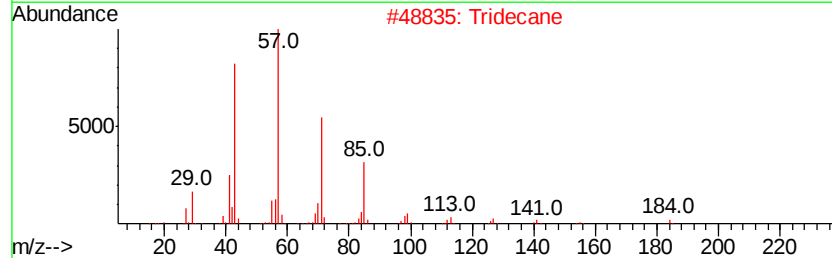
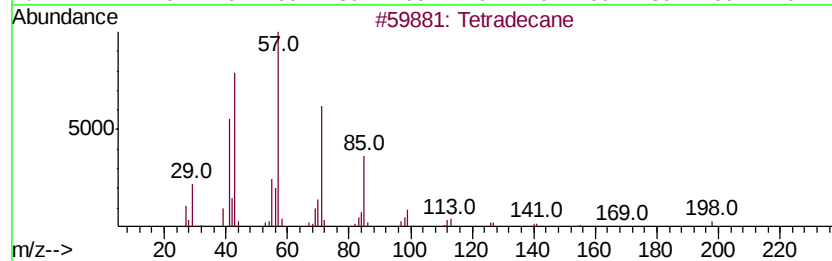
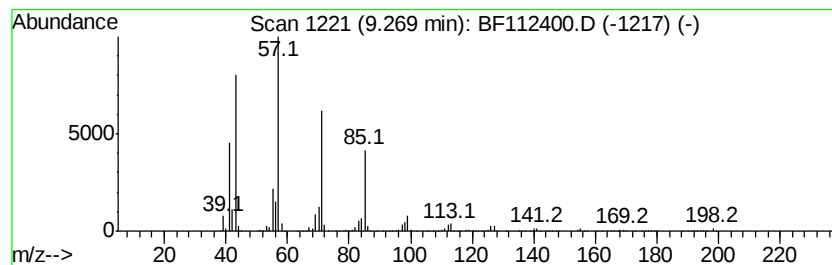
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	29.45 ng	1890060	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Tridecane	184	C13H28	000629-50-5	90
3		Hexadecane	226	C16H34	000544-76-3	72
4		Decane, 3-bromo-	220	C10H21Br	030571-71-2	72
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112400.D
Acq On : 5 Feb 2019 17:15
Operator : JU/SJ
Sample : K1341-03 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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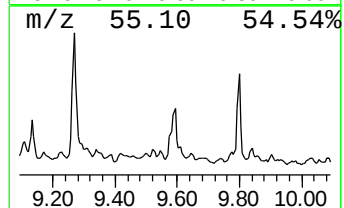
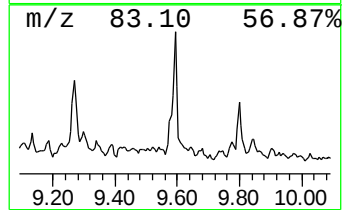
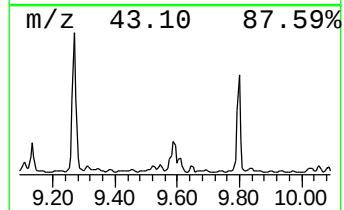
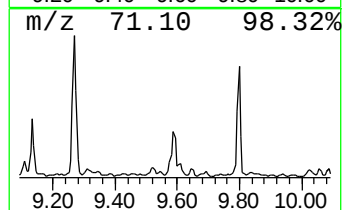
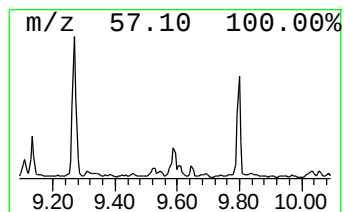
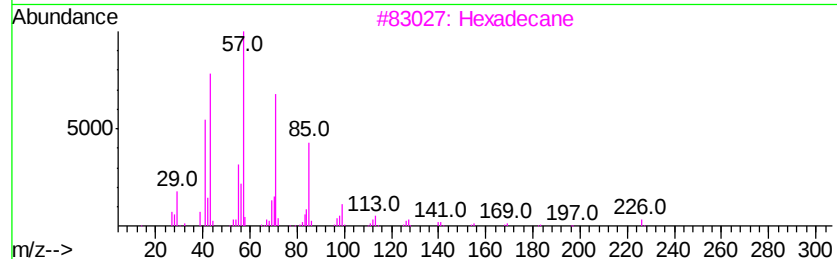
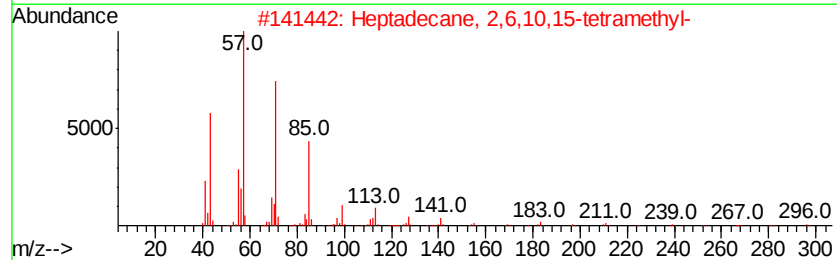
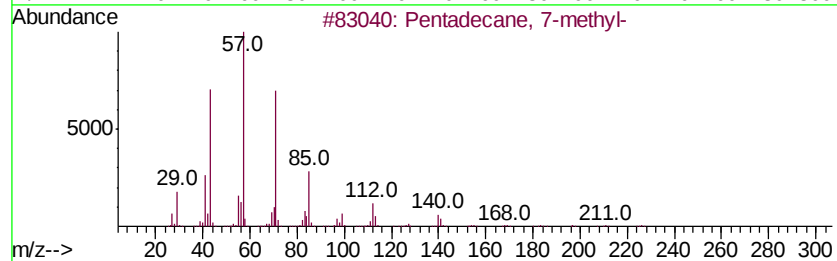
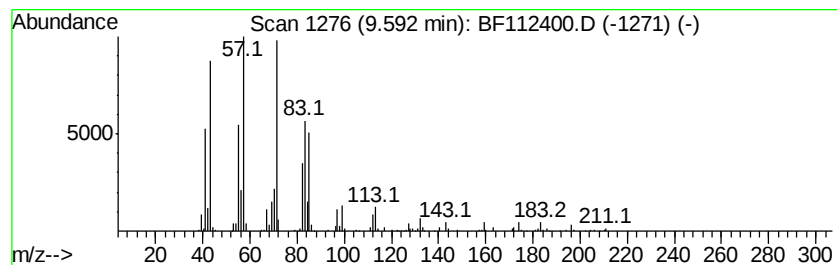
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane, 7-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	11.20 ng	718914	Acenaphthene-d10	9.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3			Hexadecane	226	C16H34	000544-76-3	72
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
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Sample : K1341-03 10X
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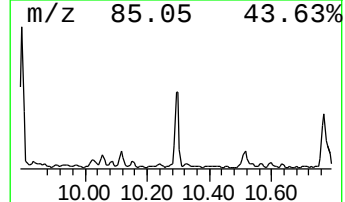
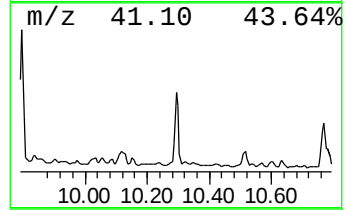
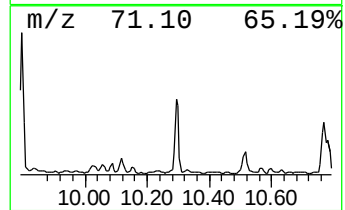
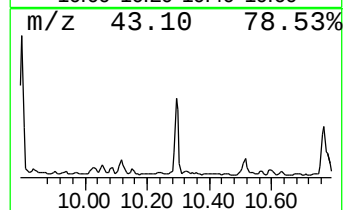
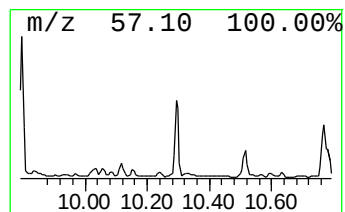
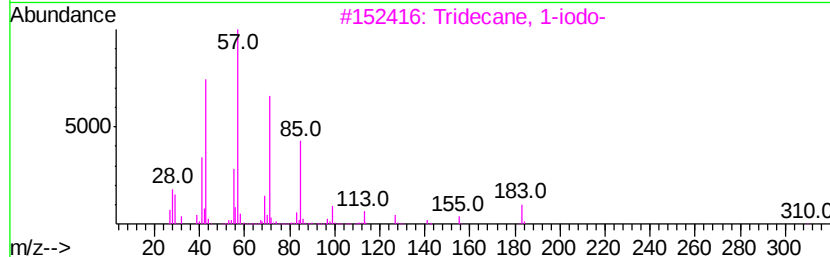
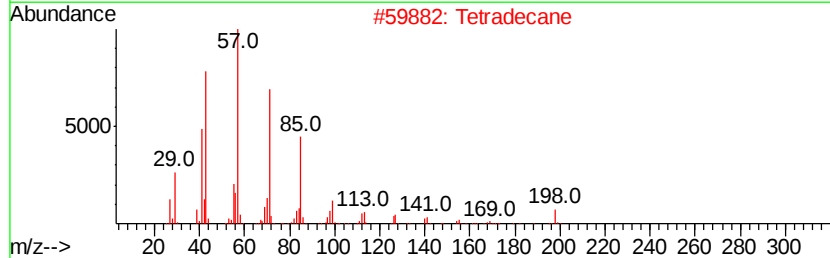
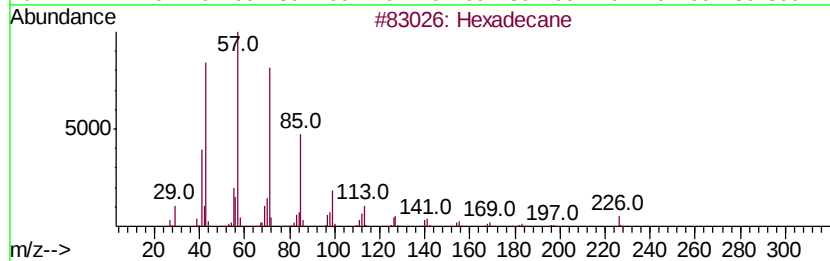
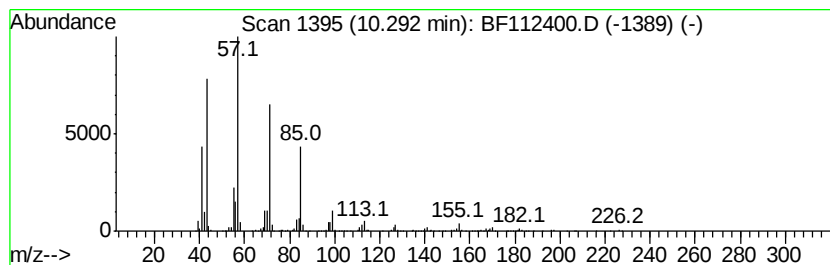
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	13.36 ng	857551	Acenaphthene-d10	9.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	94
2	Tetradecane	198 C14H30	000629-59-4	90
3	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	87
4	Pentadecane	212 C15H32	000629-62-9	86
5	Eicosane	282 C20H42	000112-95-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112400.D
Acq On : 5 Feb 2019 17:15
Operator : JU/SJ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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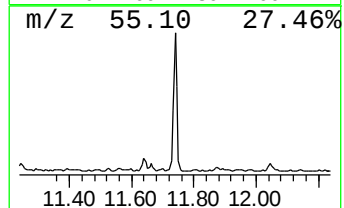
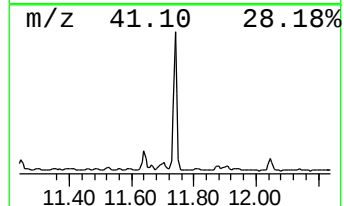
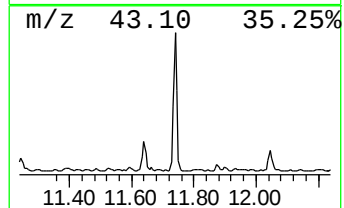
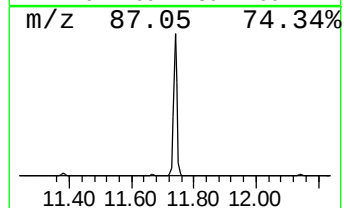
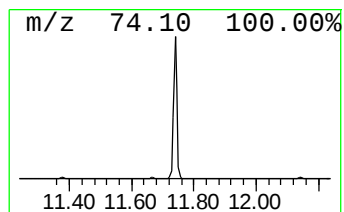
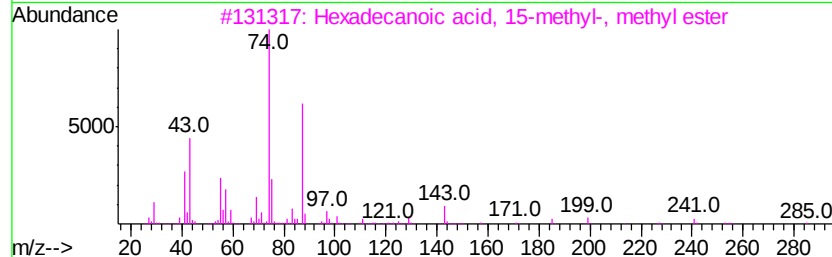
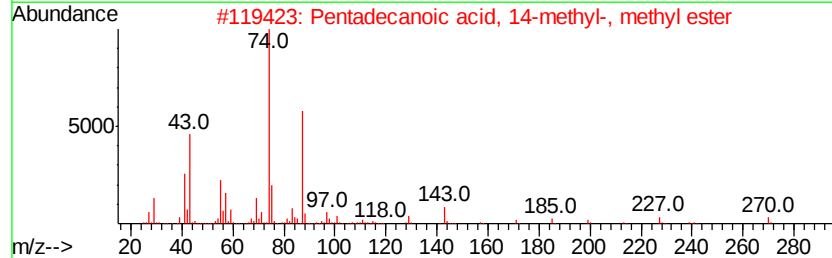
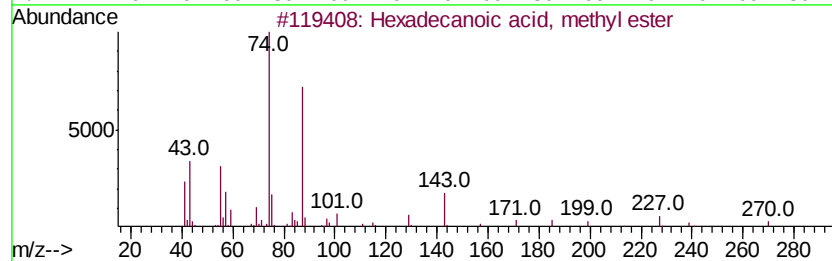
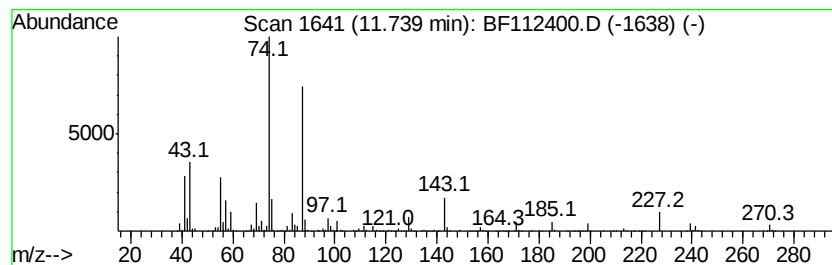
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	28.43 ng	1770230	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
3		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112400.D
Acq On : 5 Feb 2019 17:15
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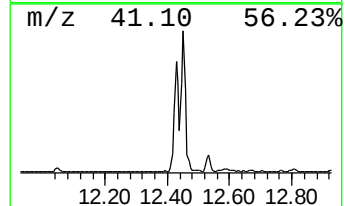
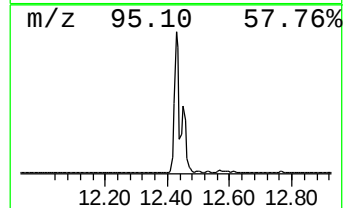
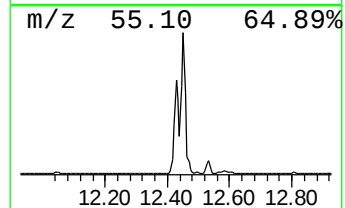
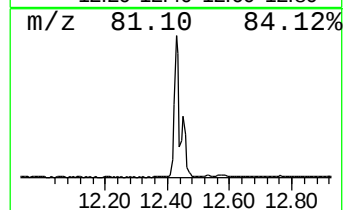
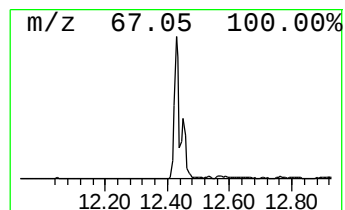
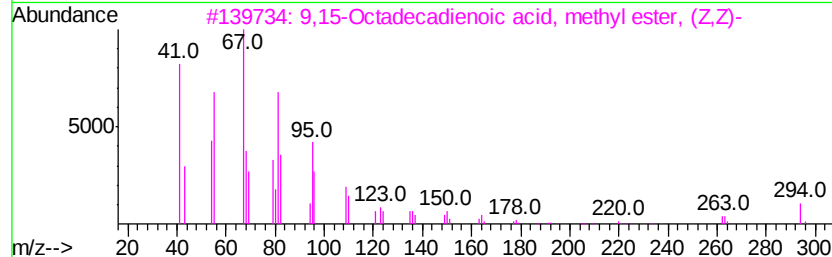
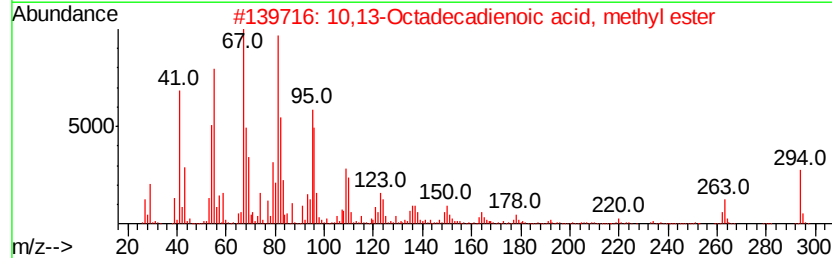
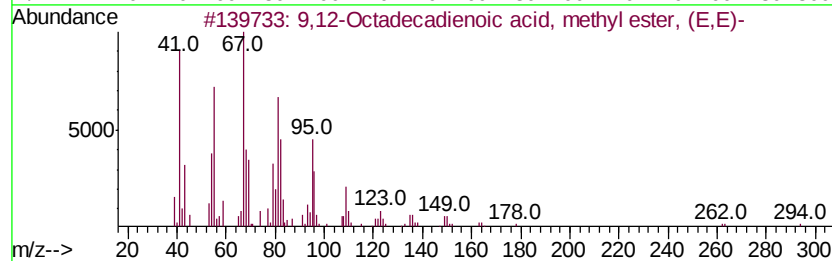
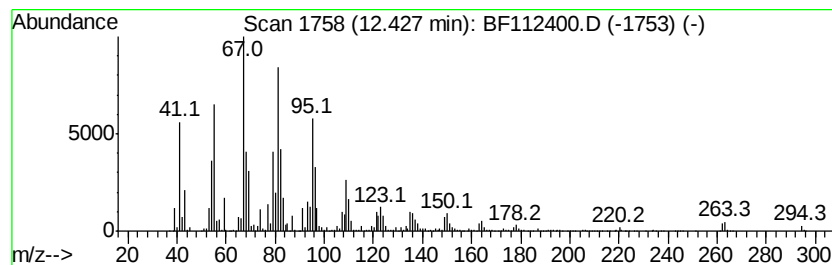
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	85.77 ng	5340180	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3		9,15-Octadecadienoic acid, methv...	294	C19H34O2	017309-05-6	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112400.D
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Operator : JU/SJ
Sample : K1341-03 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-05-020419-B

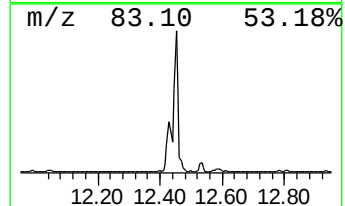
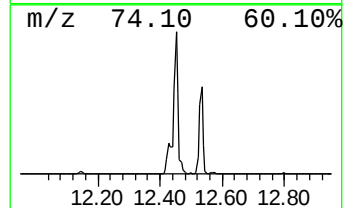
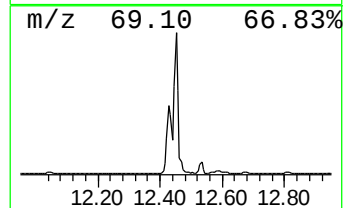
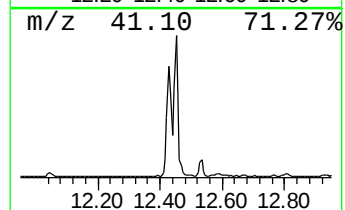
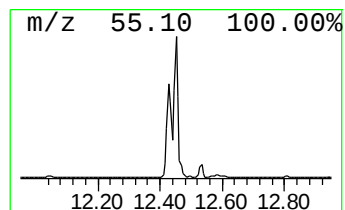
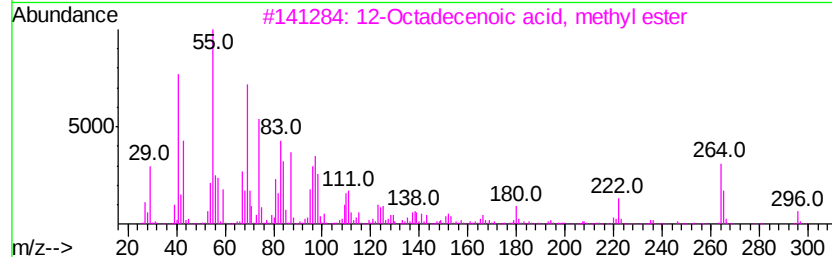
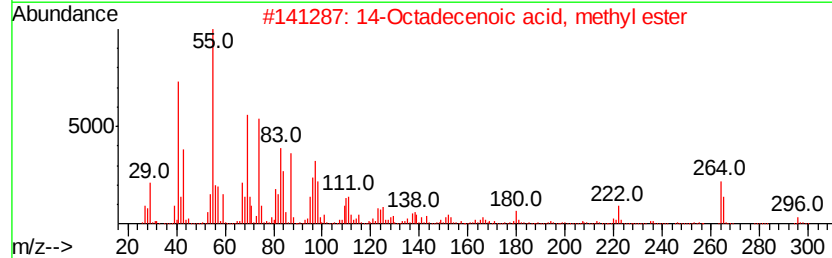
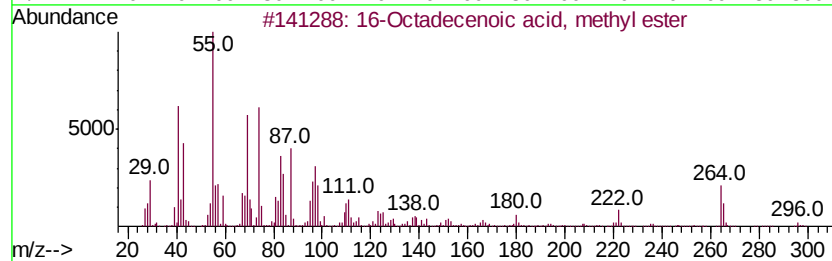
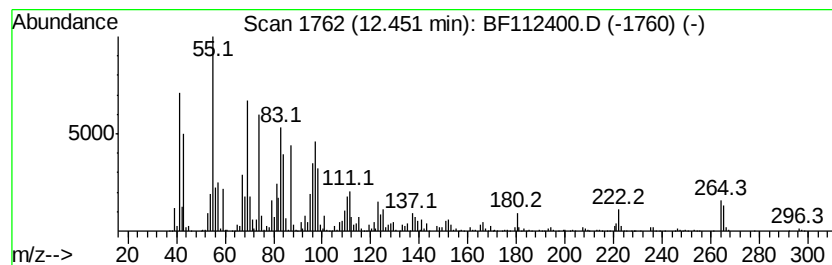
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 16-Octadecenoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	88.70 ng	5522820	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
4		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020519\
 Data File : BF112400.D
 Acq On : 5 Feb 2019 17:15
 Operator : JU/SJ
 Sample : K1341-03 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-020419-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
unknown6.60	6.60	7.5	ng	450548	1	6.83	1204180	20.0
Decane	6.67	14.4	ng	868696	1	6.83	1204180	20.0
unknown7.48	7.48	8.7	ng	370582	2	8.12	853974	20.0
Cyclohexane, pentyl-	7.73	10.6	ng	452085	2	8.12	853974	20.0
Undecane, 2-methyl-	7.86	17.0	ng	724920	2	8.12	853974	20.0
Cyclohexane, (4-m...	8.40	15.9	ng	677075	2	8.12	853974	20.0
Dodecane, 2-methyl-	8.49	9.6	ng	409496	2	8.12	853974	20.0
Dodecane, 4,6-dim...	8.53	16.4	ng	698100	2	8.12	853974	20.0
Naphthalene, 1,2,...	8.62	9.4	ng	402566	2	8.12	853974	20.0
Tridecane	8.70	47.2	ng	2016600	2	8.12	853974	20.0
Dodecane, 2,6,10-...	9.13	9.7	ng	622590	3	9.87	1283440	20.0
Tetradecane	9.27	29.4	ng	1890060	3	9.87	1283440	20.0
Pentadecane, 7-me...	9.59	11.2	ng	718914	3	9.87	1283440	20.0
Hexadecane	10.29	13.4	ng	857551	3	9.87	1283440	20.0
Hexadecanoic acid...	11.74	28.4	ng	1770230	4	11.36	1245240	20.0
9,12-Octadecadien...	12.43	85.8	ng	5340180	4	11.36	1245240	20.0
16-Octadecenoic a...	12.45	88.7	ng	5522820	4	11.36	1245240	20.0