

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020719\
 Data File : BF112444.D
 Acq On : 7 Feb 2019 18:00
 Operator : JU/SJ
 Sample : K1392-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

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	5.469	571	575	583	rBV	1345446	1455707	33.18%	1.321%
2	5.681	608	611	614	rBV	328035	306064	6.98%	0.278%
3	6.433	734	739	742	rVV2	325880	382989	8.73%	0.348%
4	6.481	744	747	751	rVV	960085	1044242	23.80%	0.948%
5	6.516	751	753	759	rVB	641016	575401	13.12%	0.522%
6	6.610	765	769	775	rVB	3423618	3131312	71.37%	2.842%
7	6.669	775	779	781	rBV	851364	703071	16.03%	0.638%
8	6.833	802	807	813	rVV2	1015187	1409095	32.12%	1.279%
9	6.892	813	817	821	rVV	1021288	1007359	22.96%	0.914%
10	6.992	829	834	836	rVV	3142370	3186956	72.64%	2.893%
11	7.110	851	854	856	rVV	502987	456073	10.40%	0.414%
12	7.151	856	861	863	rVV2	832715	999782	22.79%	0.908%
13	7.169	863	864	868	rVB2	558911	424892	9.68%	0.386%
14	7.222	868	873	877	rBV3	670741	769842	17.55%	0.699%
15	7.369	894	898	900	rVV	771408	807419	18.40%	0.733%
16	7.398	900	903	906	rVV	2560370	2658061	60.59%	2.413%
17	7.428	906	908	912	rVV	1660256	1366845	31.15%	1.241%
18	7.480	912	917	920	rVB4	336135	444101	10.12%	0.403%
19	7.516	920	923	925	rBV2	452393	450985	10.28%	0.409%
20	7.604	930	938	941	rBV3	783055	1059259	24.14%	0.962%
21	7.628	941	942	946	rVB2	326482	286576	6.53%	0.260%
22	7.733	951	960	962	rBV6	294964	521122	11.88%	0.473%
23	7.769	962	966	968	rBV3	204485	272475	6.21%	0.247%
24	7.845	974	979	984	rBV3	1600596	2278069	51.92%	2.068%
25	8.092	1018	1021	1023	rVV2	541380	592962	13.52%	0.538%
26	8.116	1023	1025	1028	rVV	1429785	1140275	25.99%	1.035%
27	8.169	1030	1034	1037	rVB3	347378	540674	12.32%	0.491%
28	8.257	1045	1049	1052	rBV	296666	438840	10.00%	0.398%
29	8.322	1056	1060	1061	rBV3	209217	259310	5.91%	0.235%
30	8.357	1061	1066	1067	rVV2	379913	709162	16.16%	0.644%
31	8.380	1068	1070	1072	rVV2	696287	708973	16.16%	0.644%
32	8.416	1072	1076	1080	rVB4	1184920	1851425	42.20%	1.681%
33	8.457	1080	1083	1085	rBV2	637424	625707	14.26%	0.568%
34	8.492	1085	1089	1093	rVB5	447726	625904	14.27%	0.568%

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Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

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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

35	8.533	1093	1096	1099	rBV2	813363	879334	20.04%	0.798%
36	8.604	1105	1108	1114	rVB3	802663	1326913	30.24%	1.204%
37	8.657	1114	1117	1119	rVB	938525	850920	19.40%	0.772%
38	8.704	1122	1125	1130	rBV2	632495	689509	15.72%	0.626%
39	8.763	1130	1135	1138	rBV6	251272	428360	9.76%	0.389%
40	8.898	1154	1158	1160	rBV4	346211	397203	9.05%	0.361%
41	8.963	1166	1169	1171	rVB2	323830	328745	7.49%	0.298%
42	8.992	1171	1174	1177	rBV3	598728	983662	22.42%	0.893%
43	9.022	1177	1179	1184	rVV2	727998	1007151	22.96%	0.914%
44	9.069	1184	1187	1189	rVV2	598918	530600	12.09%	0.482%
45	9.110	1192	1194	1196	rVV2	948736	933534	21.28%	0.847%
46	9.139	1196	1199	1201	rVV	1256048	1303323	29.71%	1.183%
47	9.192	1204	1208	1211	rVV	4771837	4387257	100.00%	3.983%
48	9.269	1218	1221	1226	rBV3	638663	960271	21.89%	0.872%
49	9.310	1226	1228	1231	rVV2	309348	268178	6.11%	0.243%
50	9.345	1231	1234	1239	rVV5	277259	401742	9.16%	0.365%
51	9.527	1262	1265	1267	rBV	456190	466901	10.64%	0.424%
52	9.545	1267	1268	1271	rVV2	559665	539551	12.30%	0.490%
53	9.592	1271	1276	1278	rVV2	2347955	2543051	57.96%	2.308%
54	9.610	1278	1279	1283	rVB2	658604	599583	13.67%	0.544%
55	9.651	1283	1286	1288	rBV	548329	486673	11.09%	0.442%
56	9.751	1299	1303	1305	rBV	468519	568264	12.95%	0.516%
57	9.798	1309	1311	1313	rVV	439114	360690	8.22%	0.327%
58	9.839	1315	1318	1321	rVV2	817165	934255	21.29%	0.848%
59	9.874	1321	1324	1327	rVB	1290245	1168388	26.63%	1.061%
60	10.033	1345	1351	1353	rBV3	640982	1005833	22.93%	0.913%
61	10.057	1353	1355	1358	rVV	747661	776166	17.69%	0.705%
62	10.086	1358	1360	1362	rVV	458845	382530	8.72%	0.347%
63	10.121	1362	1366	1370	rVV2	851726	1219647	27.80%	1.107%
64	10.157	1370	1372	1375	rVB	455912	318634	7.26%	0.289%
65	10.280	1390	1393	1394	rBV2	359818	338954	7.73%	0.308%
66	10.521	1429	1434	1436	rBV	1171299	1558252	35.52%	1.414%
67	10.604	1445	1448	1449	rBV2	325424	347652	7.92%	0.316%
68	10.633	1449	1453	1456	rVV3	782621	1310646	29.87%	1.190%
69	10.669	1456	1459	1464	rVB	2579504	2318118	52.84%	2.104%
70	10.792	1474	1480	1486	rBV3	2204489	3277799	74.71%	2.975%
71	10.845	1486	1489	1492	rVV	2770501	2790887	63.61%	2.533%

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Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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72	10.880	1492	1495	1498	rVV2	3275170	3930265	89.58%	3.568%
73	10.916	1498	1501	1503	rVV	3542694	3137131	71.51%	2.848%
74	10.939	1503	1505	1507	rVV	2043080	1468468	33.47%	1.333%
75	10.980	1507	1512	1513	rVV2	1467249	2249253	51.27%	2.042%
76	10.998	1513	1515	1517	rVV	1126074	1010583	23.03%	0.917%
77	11.027	1517	1520	1523	rVV3	2492232	2759920	62.91%	2.505%
78	11.063	1523	1526	1528	rVV	3030381	2730932	62.25%	2.479%
79	11.086	1528	1530	1531	rVV	1046991	1036468	23.62%	0.941%
80	11.104	1531	1533	1537	rVB3	1723494	1683061	38.36%	1.528%
81	11.251	1554	1558	1564	rVB2	2128366	2383971	54.34%	2.164%
82	11.363	1574	1577	1580	rBV	1389012	1381138	31.48%	1.254%
83	11.398	1580	1583	1588	rVV	576645	1000785	22.81%	0.908%
84	11.468	1592	1595	1597	rBV3	322506	292268	6.66%	0.265%
85	11.492	1597	1599	1603	rBV	273280	305887	6.97%	0.278%
86	11.527	1603	1605	1609	rVB	552844	476573	10.86%	0.433%
87	11.563	1609	1611	1614	rBV	681921	539983	12.31%	0.490%
88	11.598	1614	1617	1620	rVB	707444	665532	15.17%	0.604%
89	11.810	1650	1653	1658	rVB	713557	851775	19.41%	0.773%
90	11.886	1662	1666	1673	rBV6	721253	1190719	27.14%	1.081%
91	11.992	1682	1684	1687	rVB	541786	432258	9.85%	0.392%
92	12.115	1703	1705	1708	rVB	375838	338991	7.73%	0.308%
93	12.204	1717	1720	1722	rBV2	248360	267621	6.10%	0.243%
94	12.333	1739	1742	1744	rVB	343091	299433	6.83%	0.272%
95	12.398	1750	1753	1757	rVB	307535	327728	7.47%	0.297%
96	12.668	1796	1799	1809	rVB4	301539	475027	10.83%	0.431%
97	12.745	1809	1812	1816	rVB	1572039	1328629	30.28%	1.206%
98	12.939	1841	1845	1849	rVB	3243556	3255460	74.20%	2.955%
99	14.004	2022	2026	2032	rBV	934829	875151	19.95%	0.794%
100	15.474	2269	2276	2282	rBV2	623404	987995	22.52%	0.897%

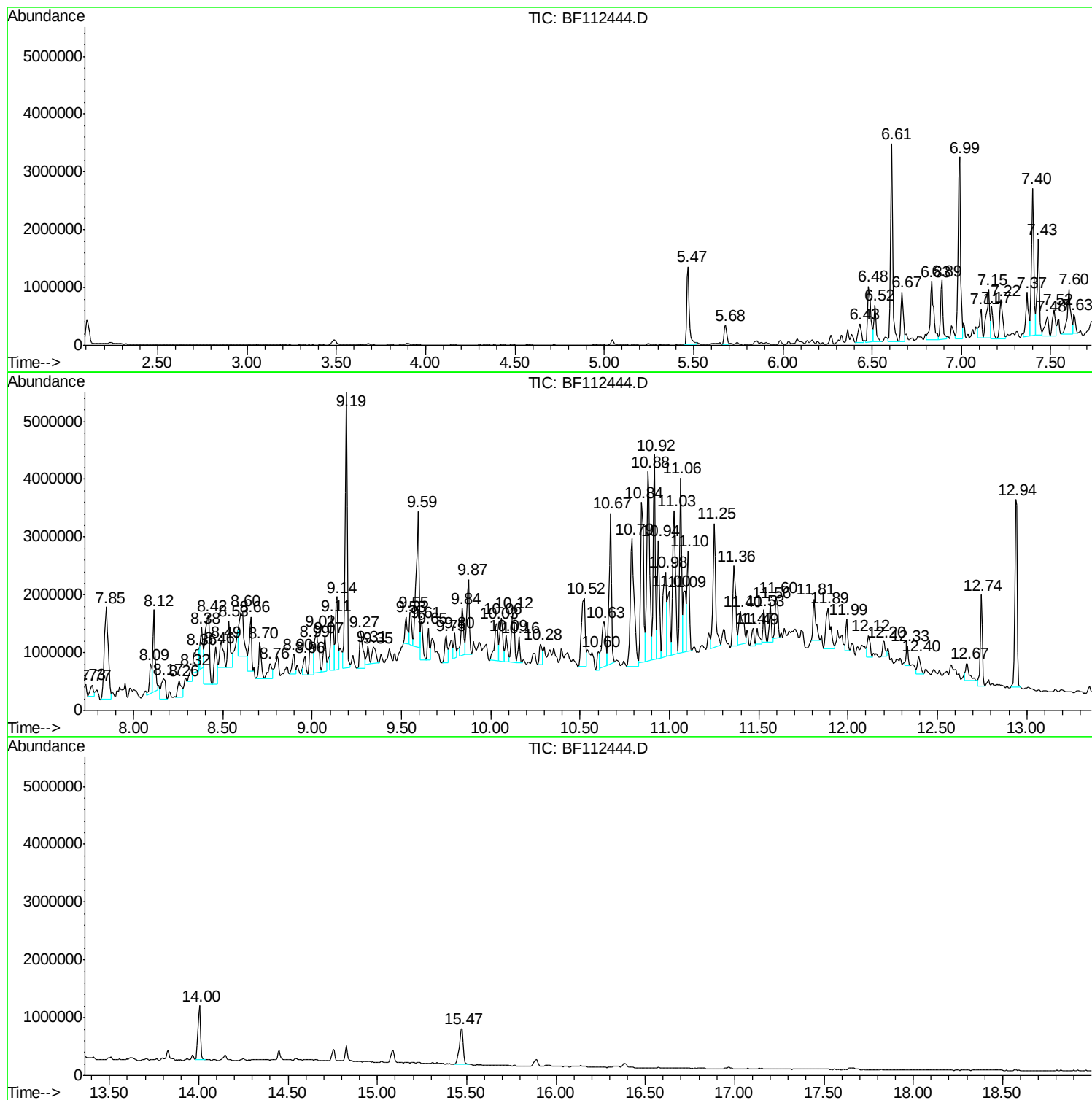
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Instrument :
BNA_F
ClientSampleId :
DUP-1

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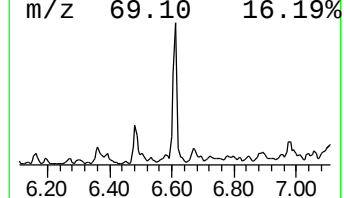
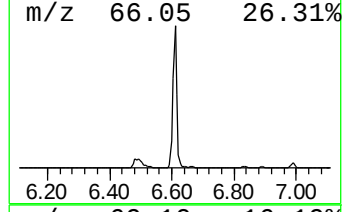
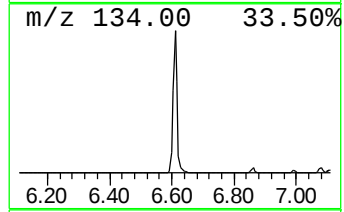
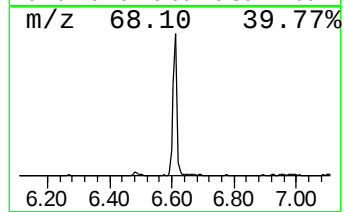
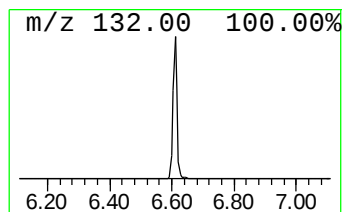
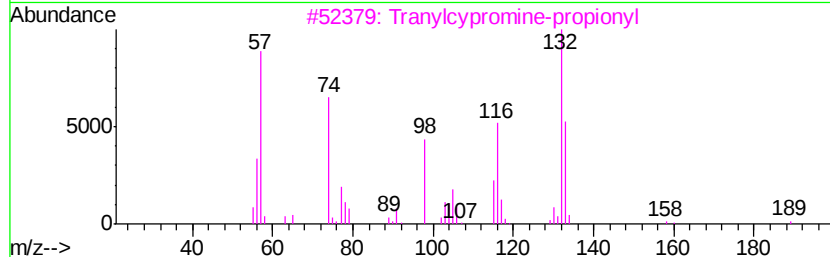
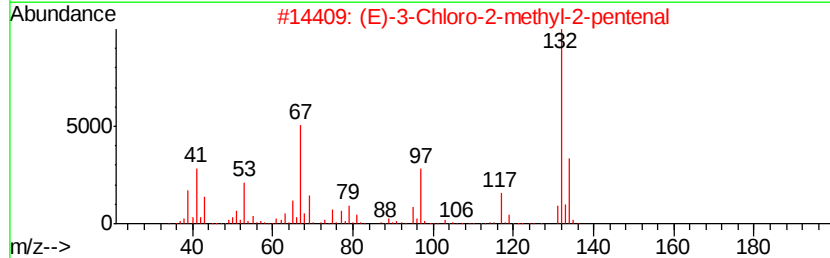
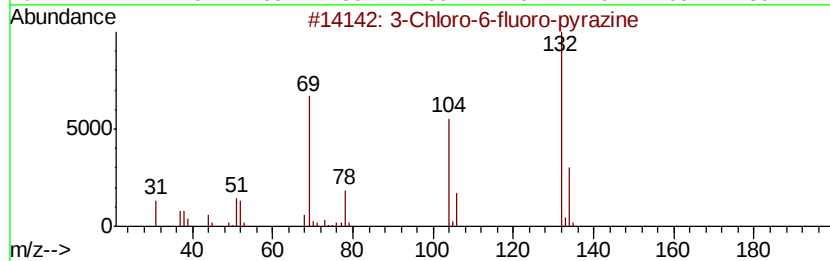
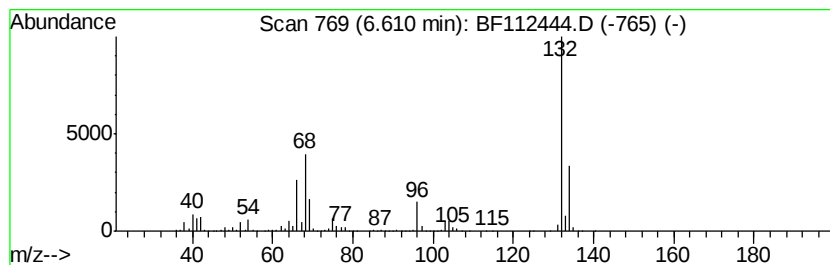
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.61 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	44.44 ng	3131310	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	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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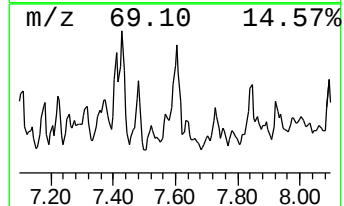
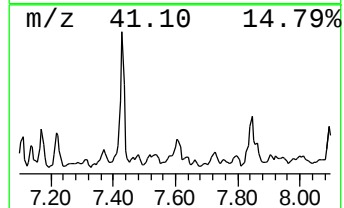
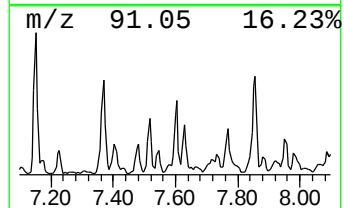
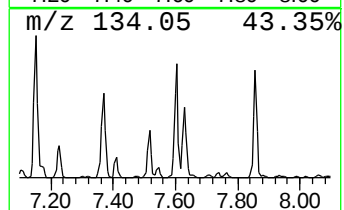
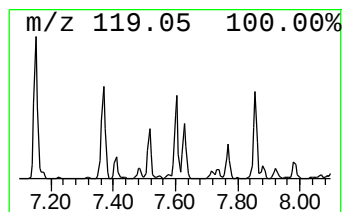
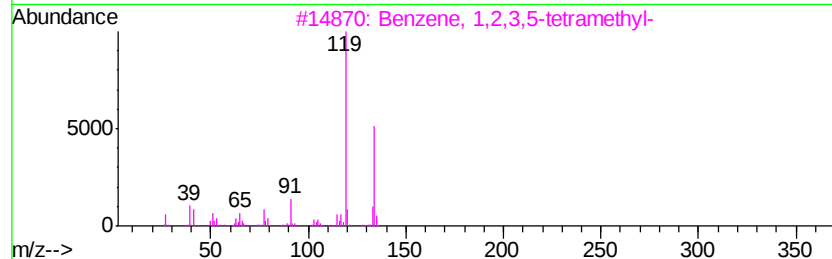
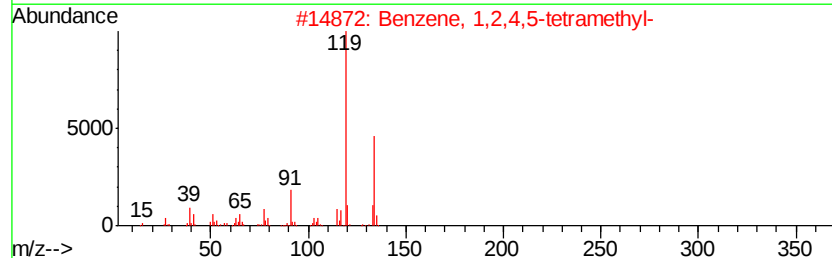
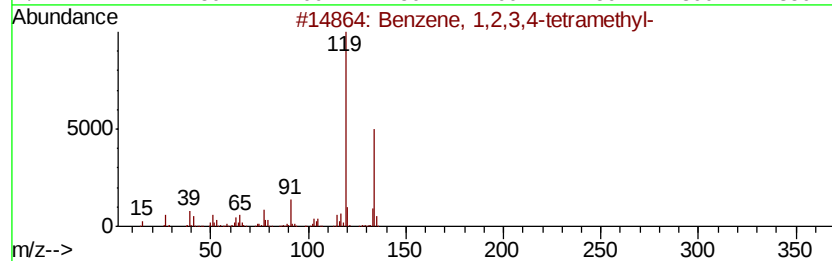
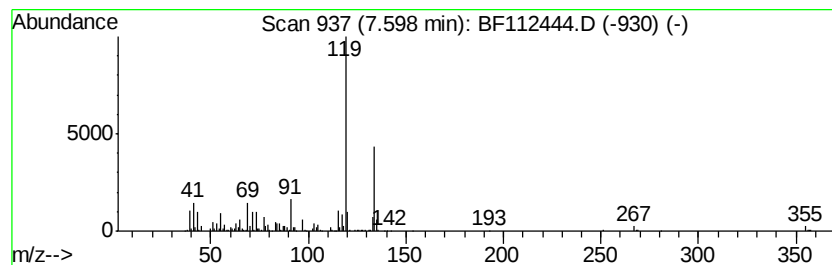
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	18.58 ng	1059260	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5		o-Cymene	134	C10H14	000527-84-4	94



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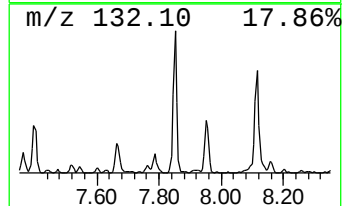
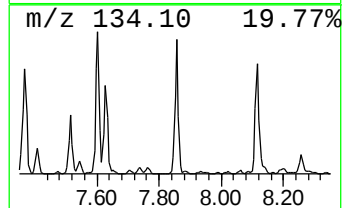
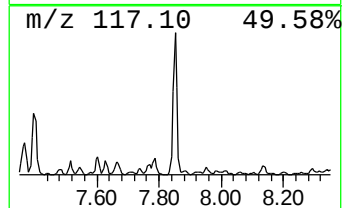
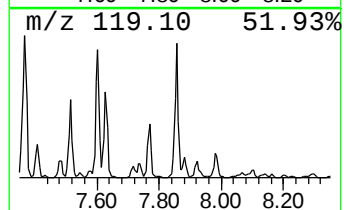
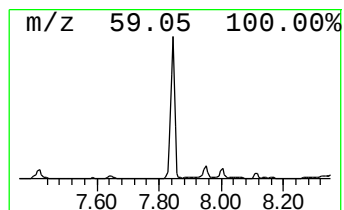
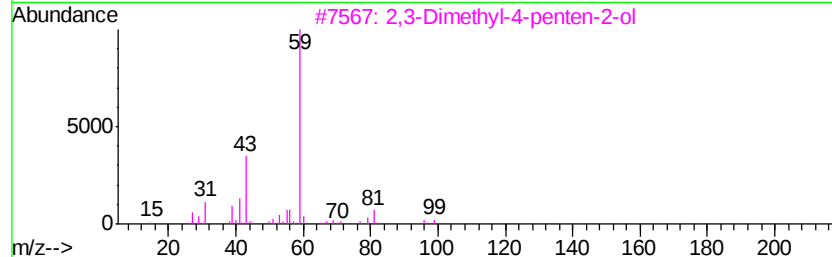
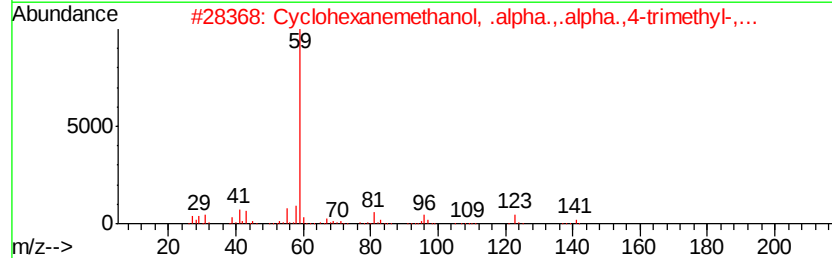
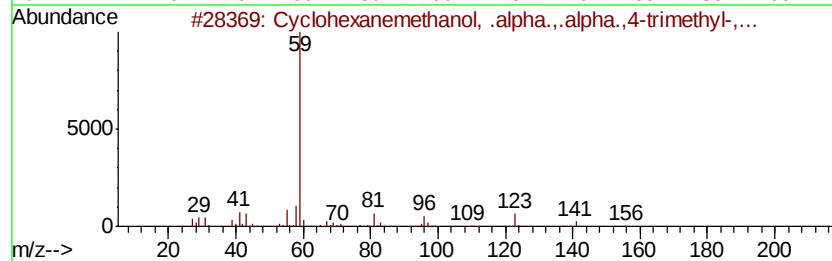
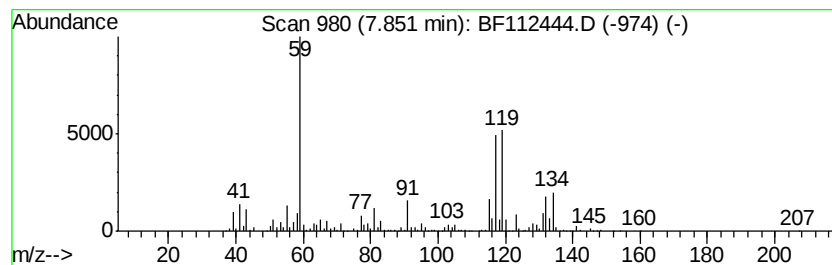
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexanemethanol, .alpha... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	39.96 ng	2278070	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanemethanol, .alpha...al...	156	C10H20O	005114-00-1	64
2		Cyclohexanemethanol, .alpha...al...	156	C10H20O	007322-63-6	64
3		2,3-Dimethyl-4-penten-2-ol	114	C7H14O	019781-52-3	59
4		Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	52
5		Cyclohexanemethanol, .alpha...al...	156	C10H20O	000498-81-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112444.D
Acq On : 7 Feb 2019 18:00
Operator : JU/SJ
Sample : K1392-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

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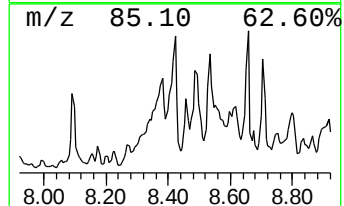
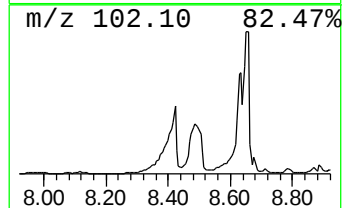
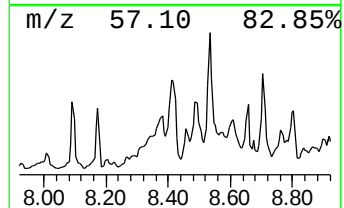
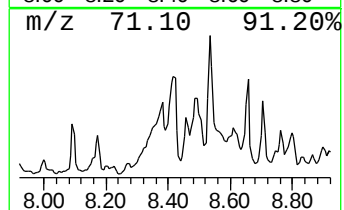
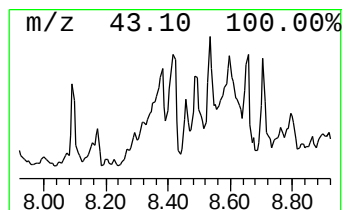
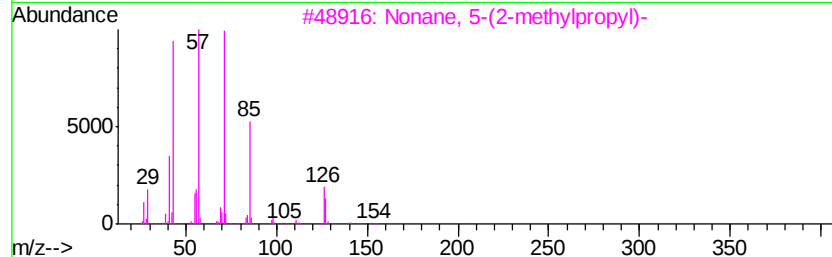
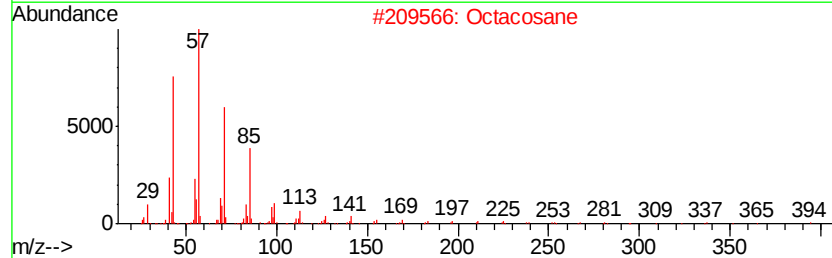
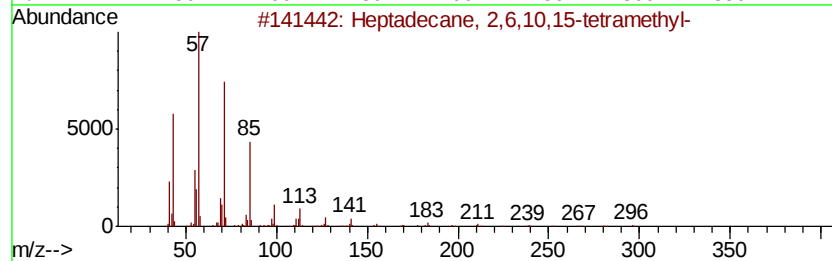
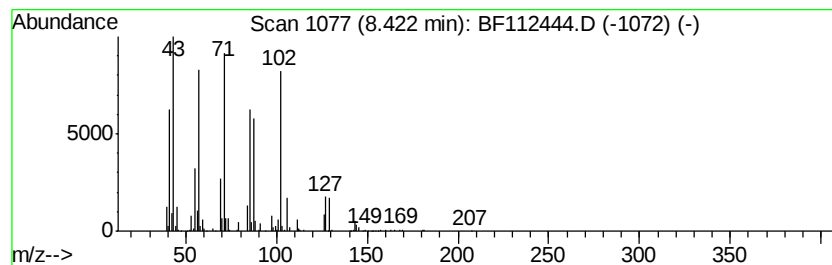
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown8.42 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	32.47 ng	1851430	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	22
2		Octacosane	394	C28H58	000630-02-4	22
3		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	22
4		Butyric acid, 2,2,3,3-tetramethyl-	144	C8H16O2	030407-41-1	22
5		4-Butoxy-2-butanone	144	C8H16O2	030536-44-8	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112444.D
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Sample : K1392-08
Misc :
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Instrument :
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ClientSampled :
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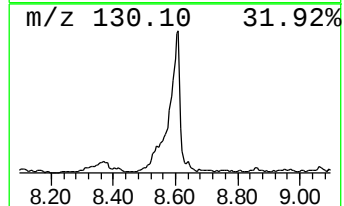
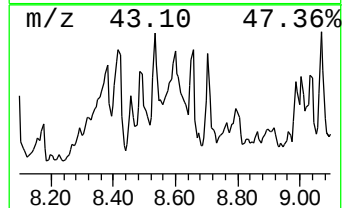
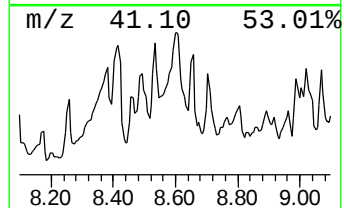
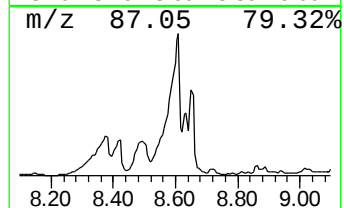
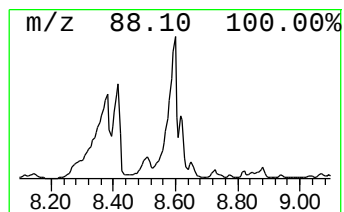
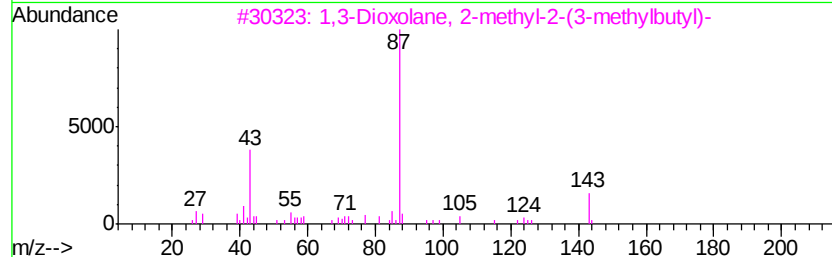
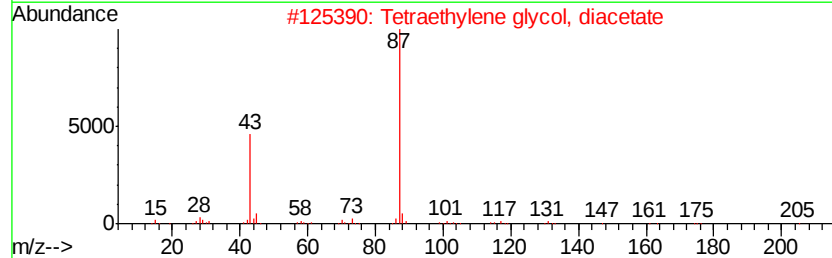
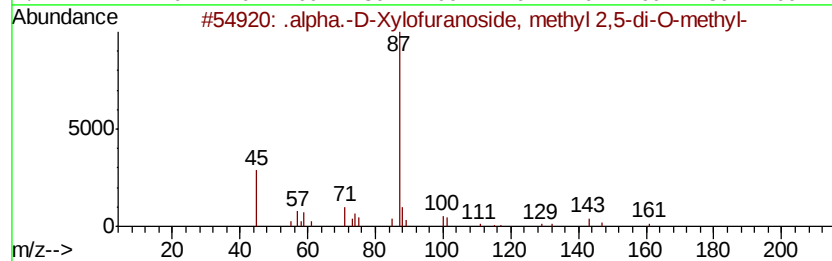
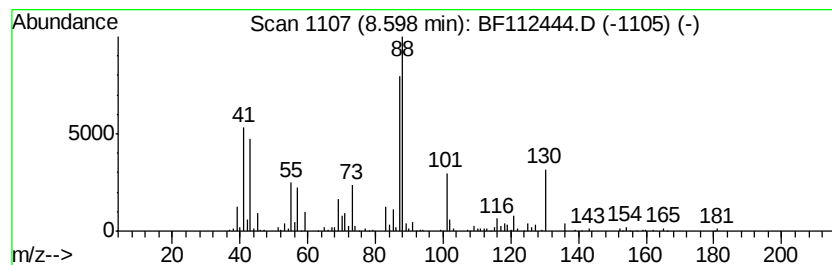
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown8.60 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	23.27 ng	1326910	Napthalene-d8	8.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-D-Xylofuranoside, methyl...	192	C8H16O5	035007-52-4	38
2		Tetraethylene glycol, diacetate	278	C12H22O7	022790-12-1	35
3		1,3-Dioxolane, 2-methyl-2-(3-met...	158	C9H18O2	014447-30-4	25
4		1,3-Dioxolane-2-propanol, 2-meth...	188	C9H16O4	029021-95-2	25
5		2-[2-[2-[2-(2-Butoxyethoxy)ethox...	336	C16H32O7	1000351-94-0	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
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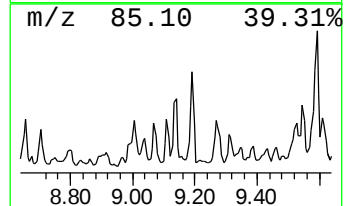
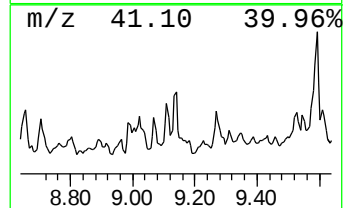
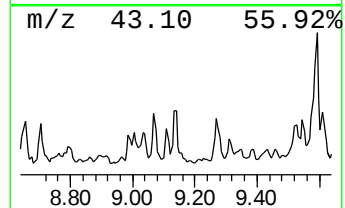
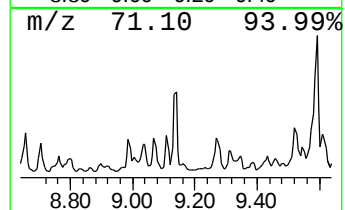
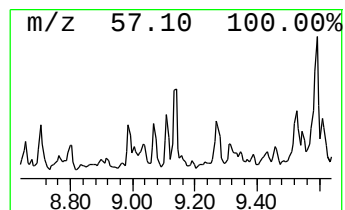
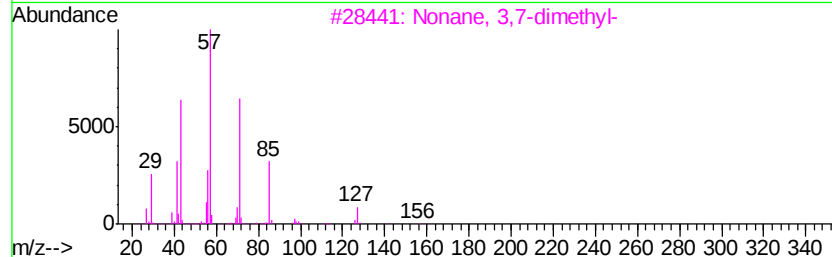
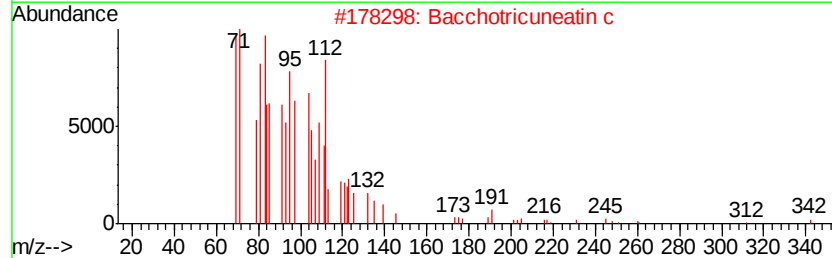
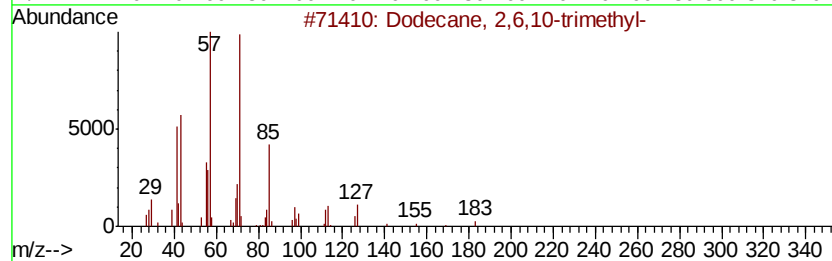
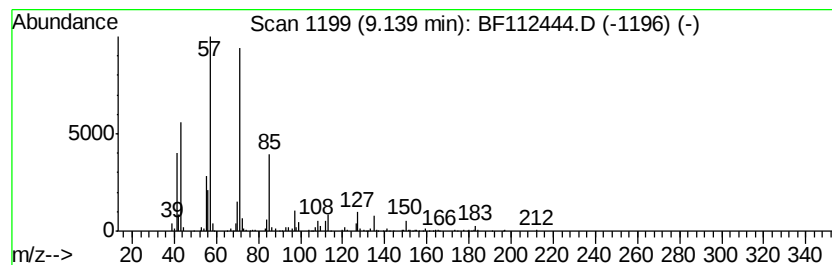
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	22.31 ng	1303320	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
2		Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68
4		Decane, 2-methyl-	156	C11H24	006975-98-0	64
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
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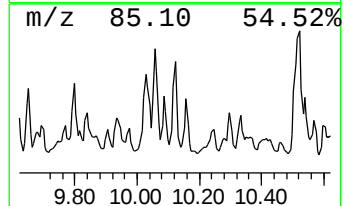
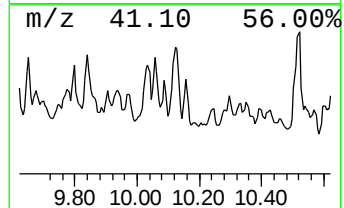
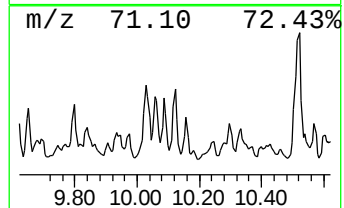
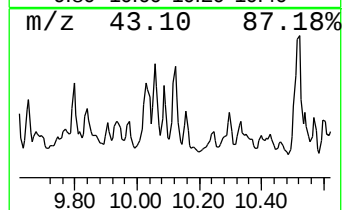
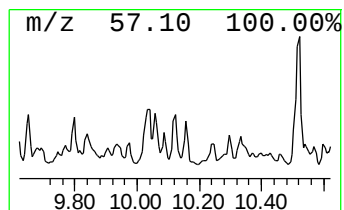
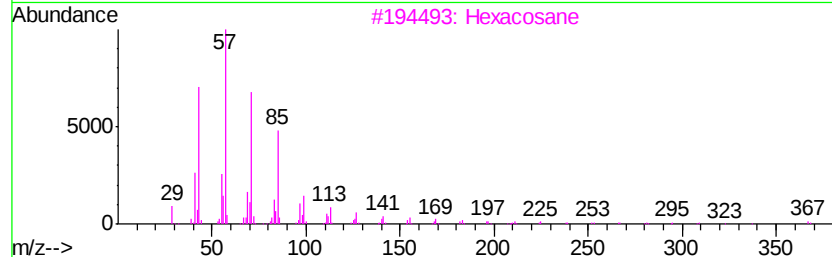
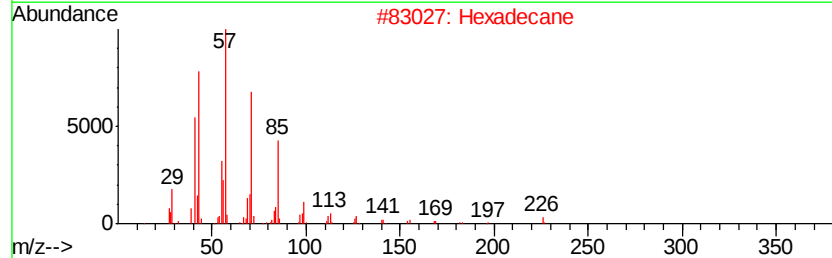
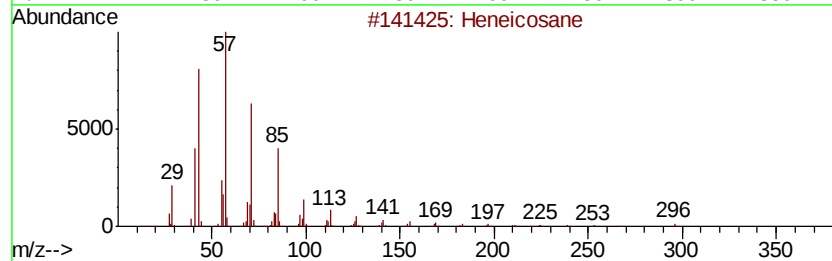
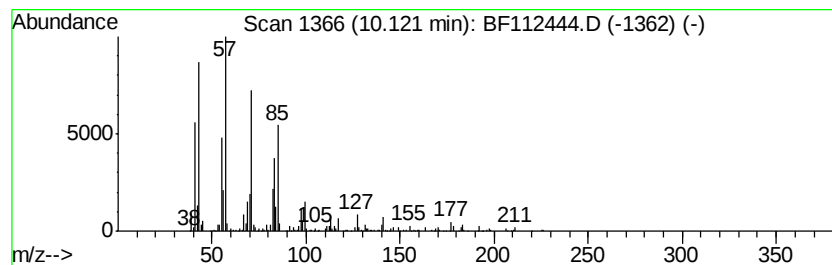
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	20.88 ng	1219650	Acenaphthene-d10	9.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	64
2	Hexadecane	226 C16H34	000544-76-3	64
3	Hexacosane	366 C26H54	000630-01-3	64
4	Nonadecane	268 C19H40	000629-92-5	64
5	4,4-Dipropylheptane	184 C13H28	017312-72-0	64



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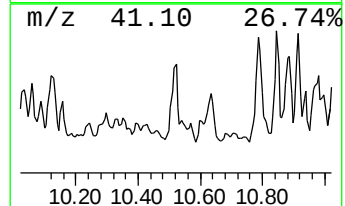
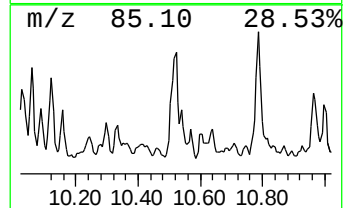
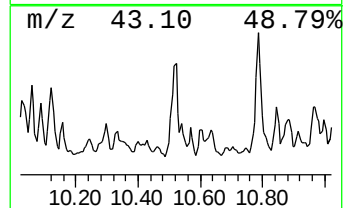
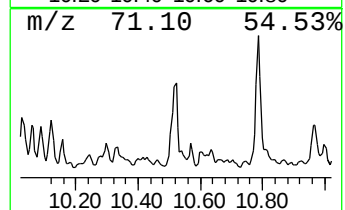
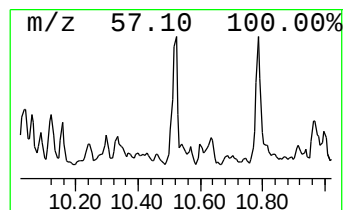
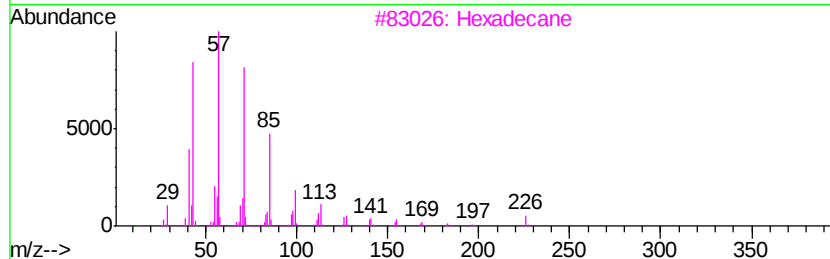
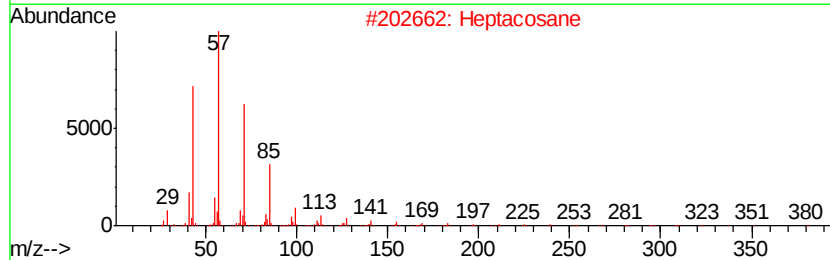
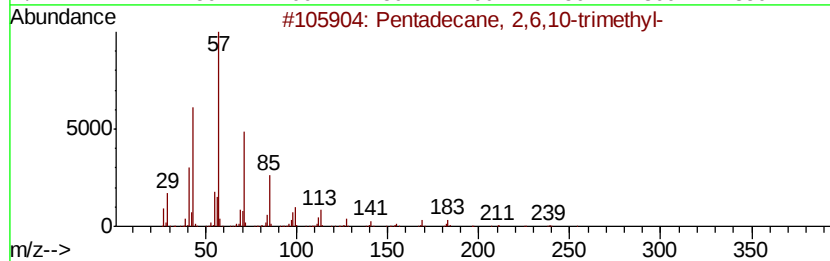
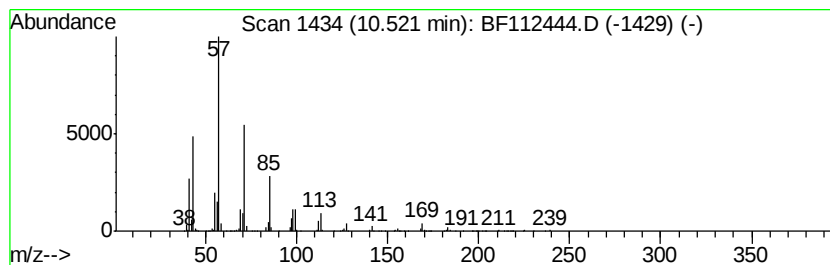
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	26.67 ng	1558250	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Heptacosane	380	C27H56	000593-49-7	86
3		Hexadecane	226	C16H34	000544-76-3	80
4		Octacosane	394	C28H58	000630-02-4	72
5		Heneicosane	296	C21H44	000629-94-7	72



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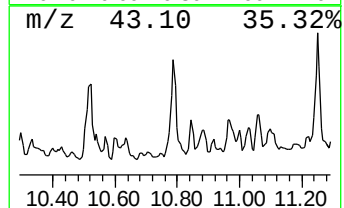
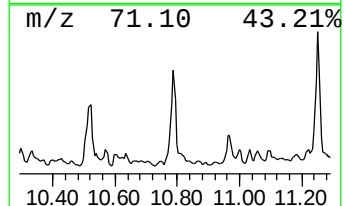
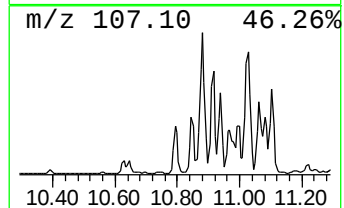
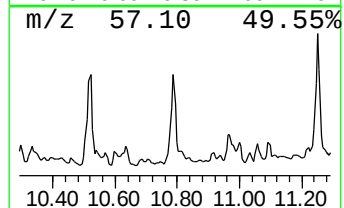
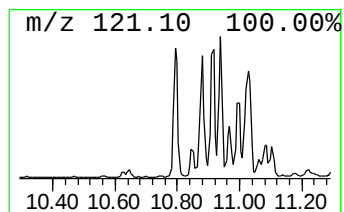
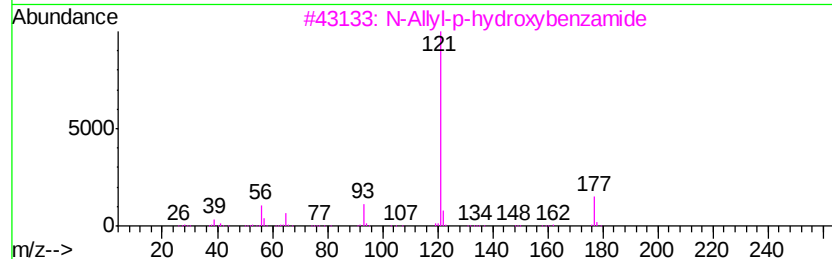
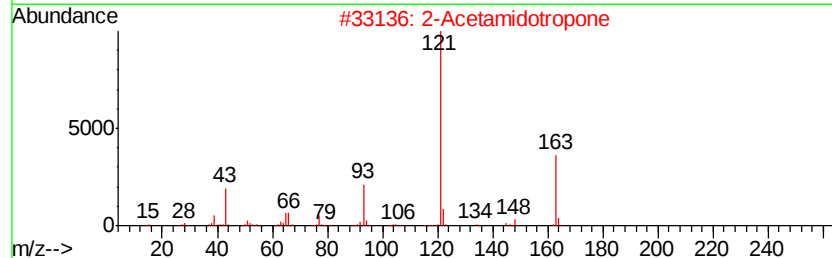
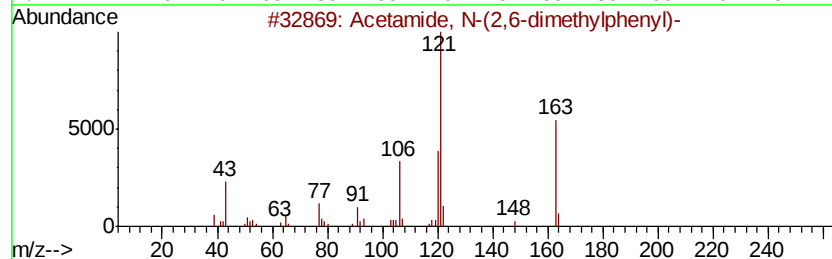
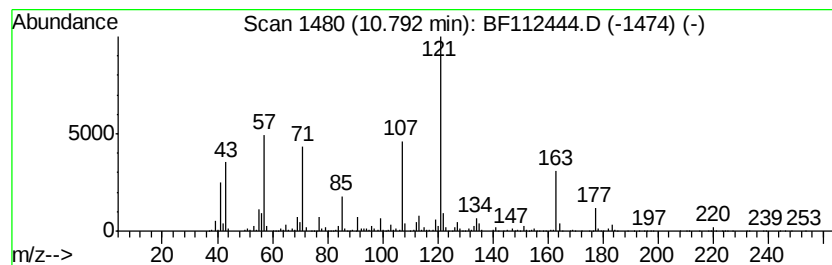
Instrument :
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ClientSampleId :
DUP-1

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 10 unknown10.79 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.79	47.47 ng	3277800	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	38
2	2-Acetamidotropone	163	C9H9NO2	006422-12-4	38
3	N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	38
4	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	35
5	2H-1,2,3,4-Tetrazol-5-amine, N-[...]	205	C9H11N5O	1000337-56-1	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
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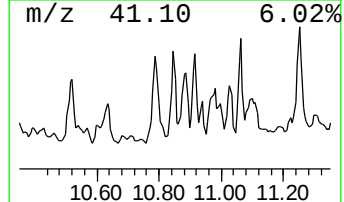
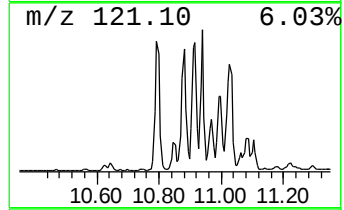
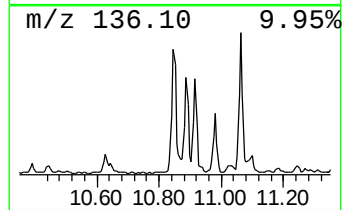
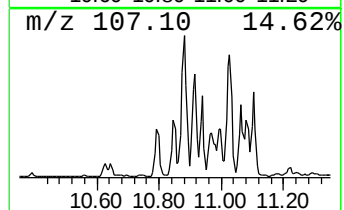
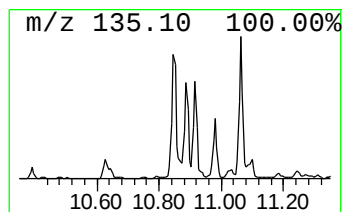
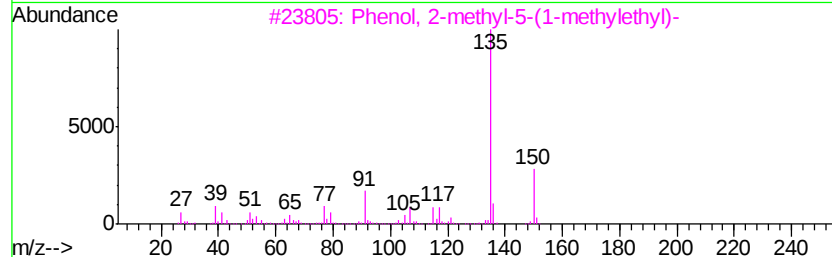
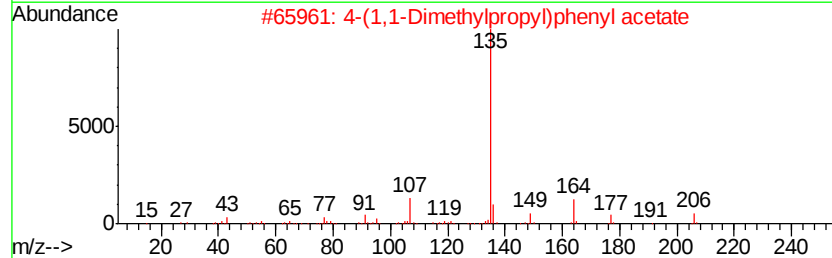
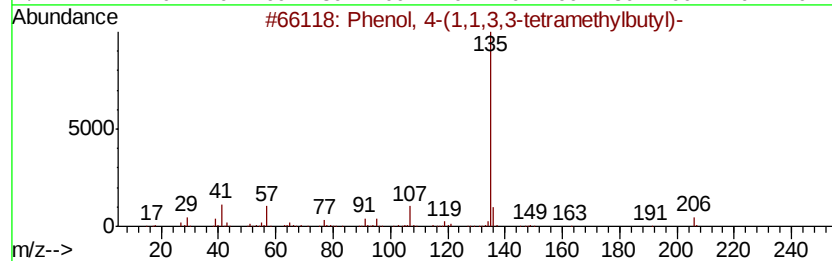
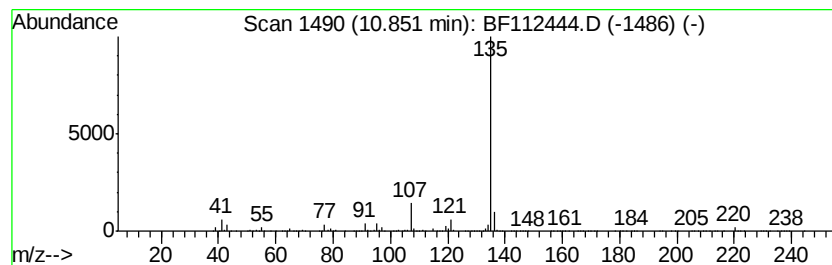
Instrument :
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 ClientSampleId :
 DUP-1

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 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.85	40.41 ng	2790890	Phenanthrene-d10	11.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78	
2	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78	
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	72	
4	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64	
5	1-Adamantanecarboxylic acid, 3,4...	324	C17H18Cl2O2	1000307-66-4	59	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112444.D
Acq On : 7 Feb 2019 18:00
Operator : JU/SJ
Sample : K1392-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-1

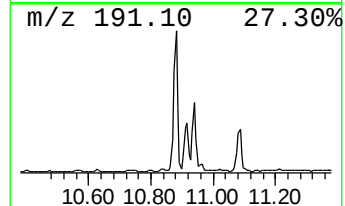
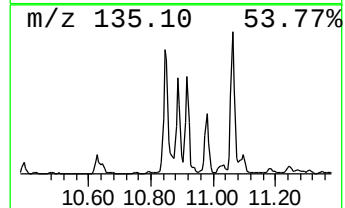
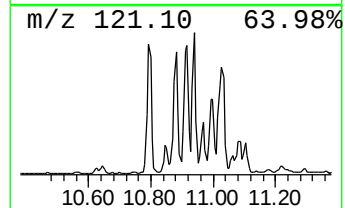
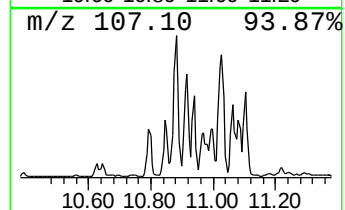
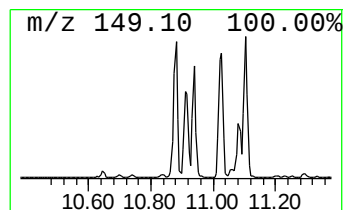
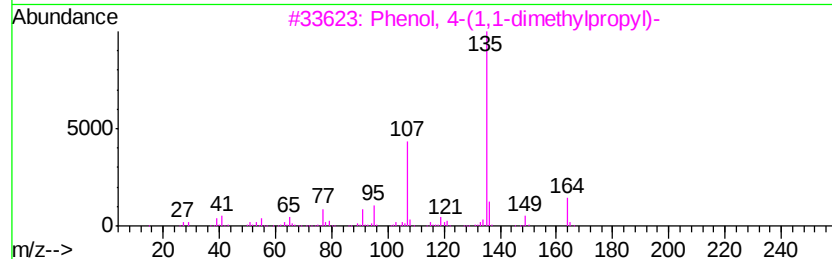
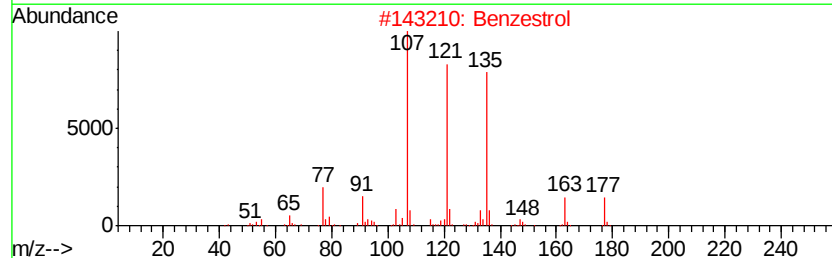
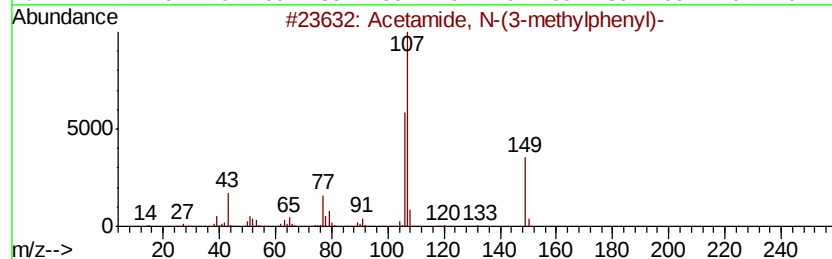
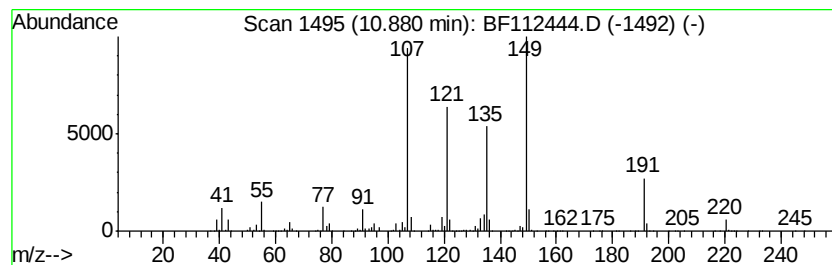
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown10.88 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	56.91 ng	3930270	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
2		Benzestrol	298	C20H26O2	000085-95-0	43
3		Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	38
4		Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38
5		Phenol, 2-(1,1-dimethylethyl)-3-...	164	C11H16O	013037-79-1	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112444.D
Acq On : 7 Feb 2019 18:00
Operator : JU/SJ
Sample : K1392-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

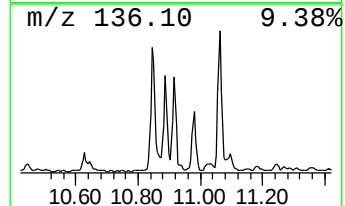
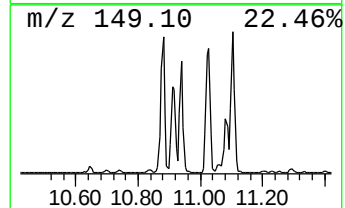
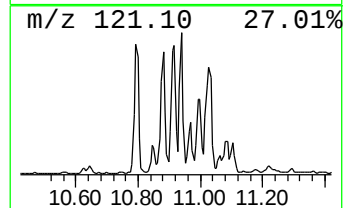
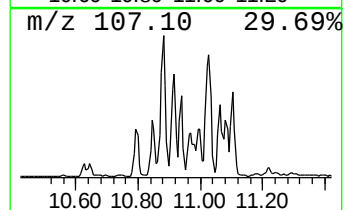
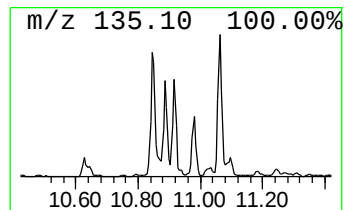
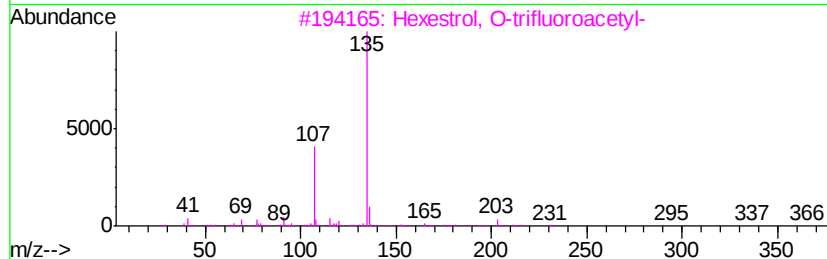
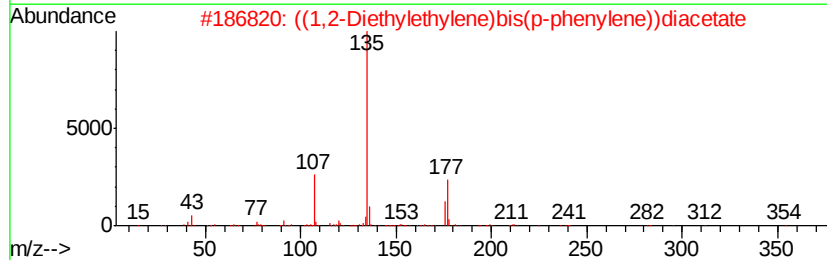
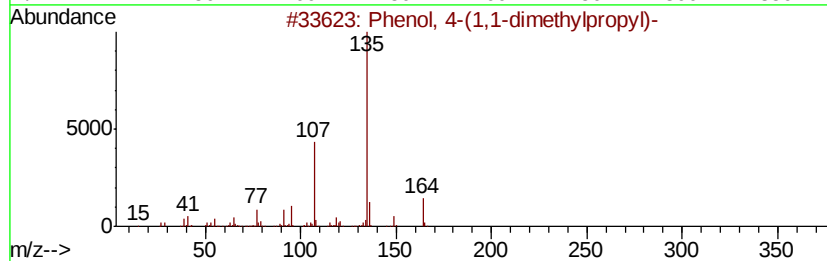
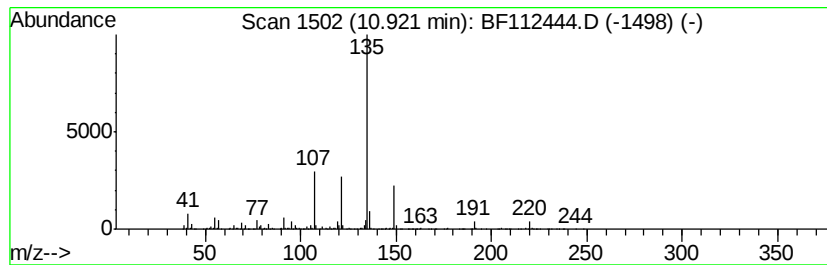
Instrument :
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenol, 4-(1,1-dimethylprop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.92	45.43 ng	3137130	Phenanthrene-d10		11.36	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
2		((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	59
3		Hexestrol, 0-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	53
4		Hexestrol, 0-heptafluorobutyl-	466	C22H21F7O3	1000365-31-9	53
5		Hexestrol	270	C18H22O2	005635-50-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112444.D
Acq On : 7 Feb 2019 18:00
Operator : JU/SJ
Sample : K1392-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-1

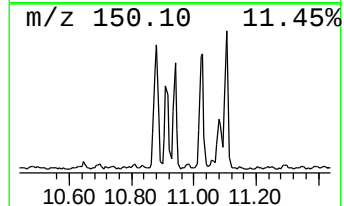
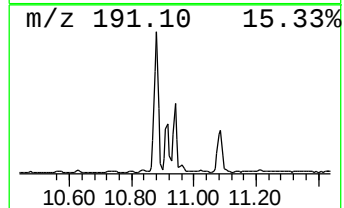
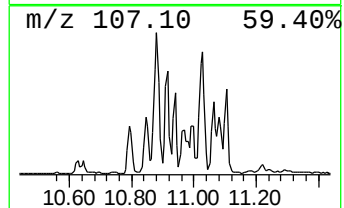
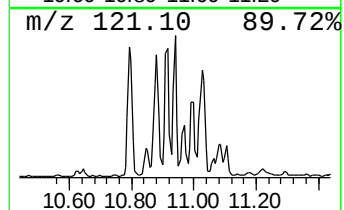
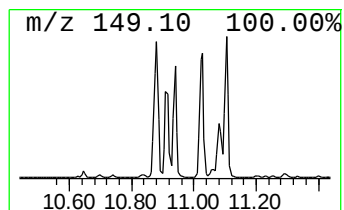
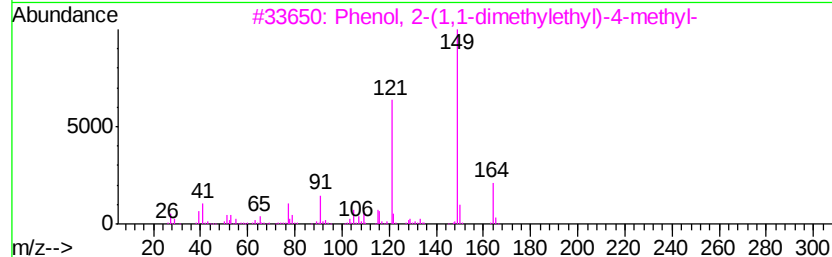
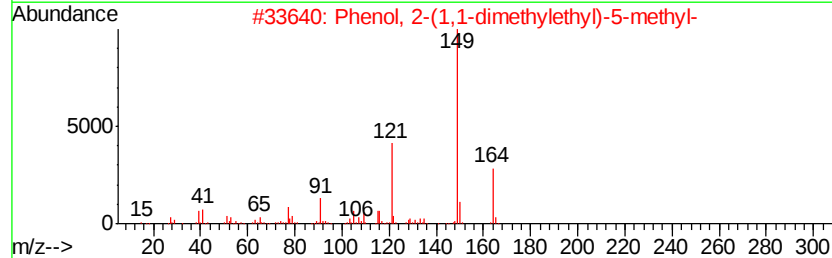
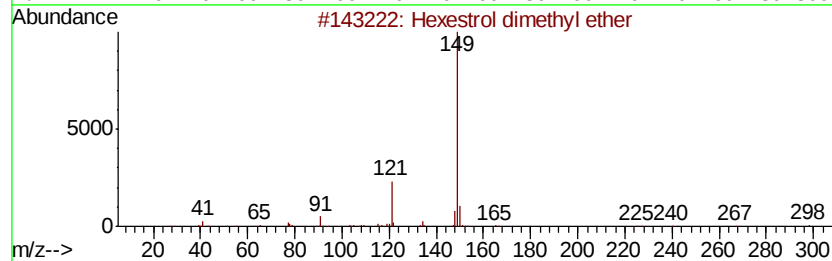
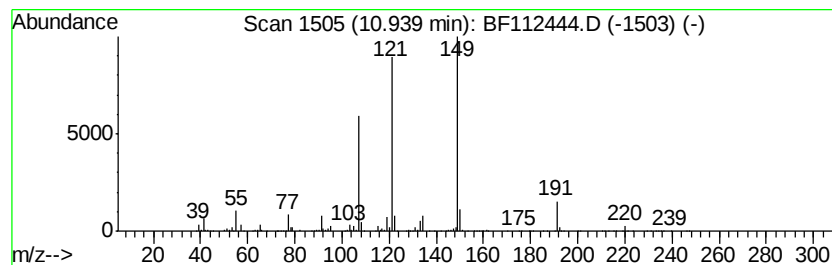
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexestrol dimethyl ether Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	21.26 ng	1468470	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexestrol dimethyl ether	298	C20H26O2	000130-78-9	59
2		Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	59
3		Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	45
4		1,3-Cyclohexadiene, 1,3,5,5,6,6-...	164	C12H20	1000150-39-4	43
5		2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112444.D
Acq On : 7 Feb 2019 18:00
Operator : JU/SJ
Sample : K1392-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

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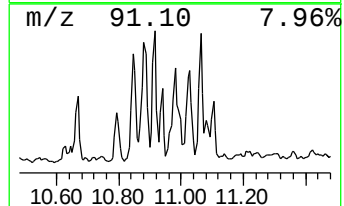
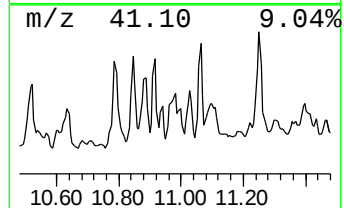
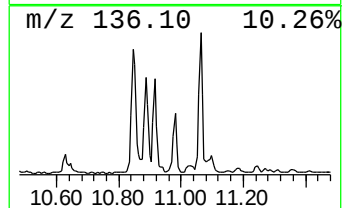
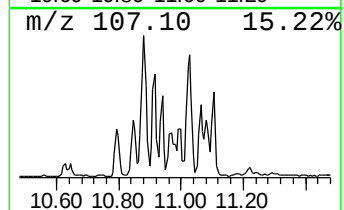
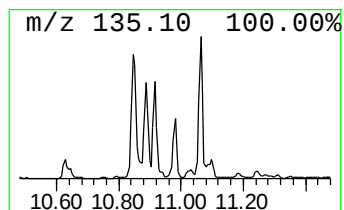
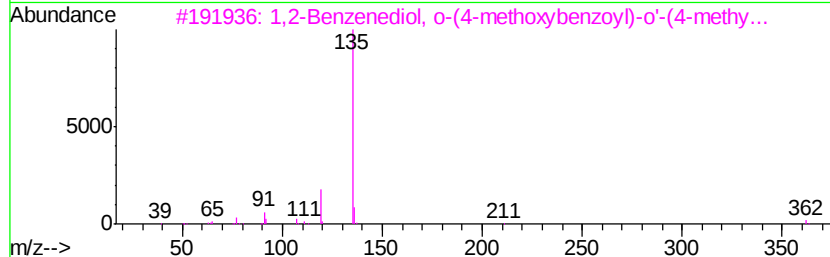
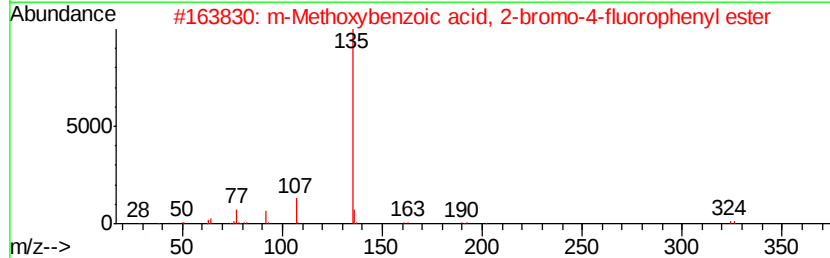
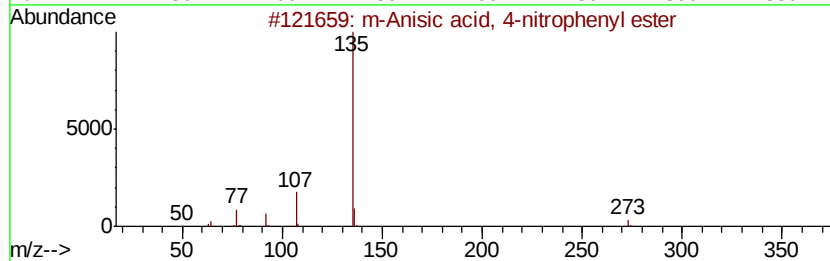
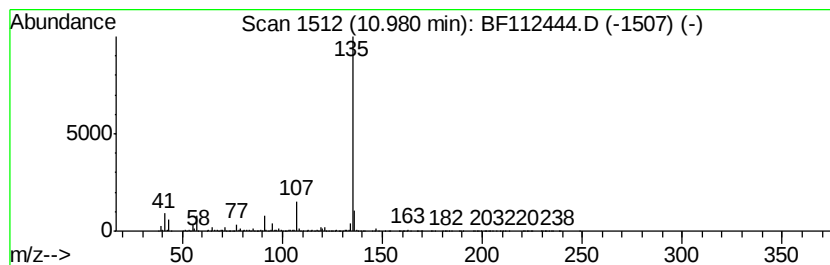
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 m-Anisic acid, 4-nitropheny... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	32.57 ng	2249250	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	m-Anisic acid, 4-nitrophenyl ester	273	C14H11NO5	1000307-80-4	64
2		m-Methoxybenzoic acid, 2-bromo-4...	324	C14H10BrF03	1000292-63-0	64
3		1,2-Benzenediol, o-(4-methoxyben...	362	C22H18O5	1000325-99-0	59
4		Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6N02	296242-69-8	56
5		((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112444.D
Acq On : 7 Feb 2019 18:00
Operator : JU/SJ
Sample : K1392-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

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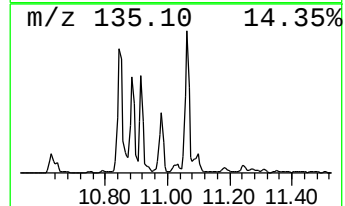
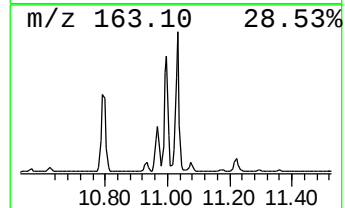
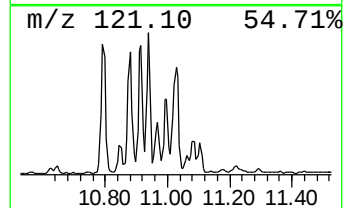
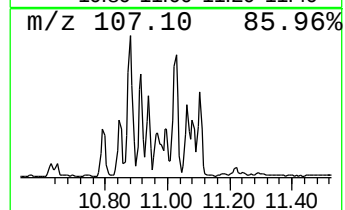
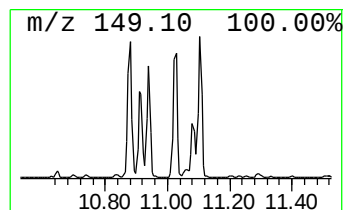
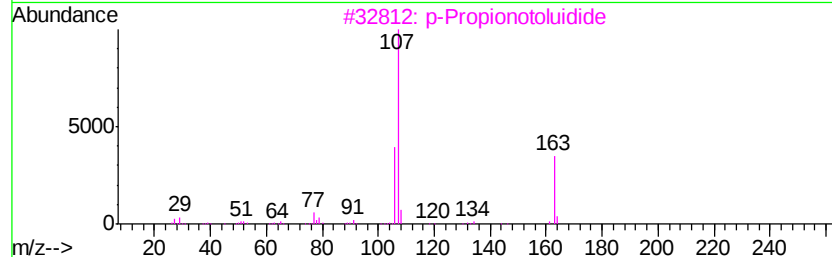
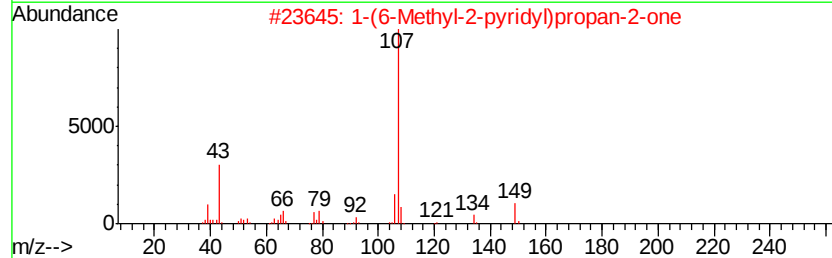
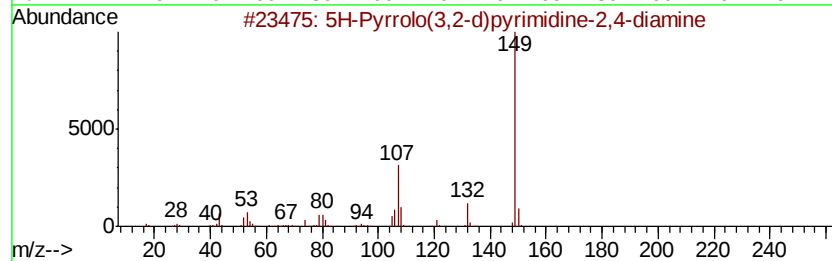
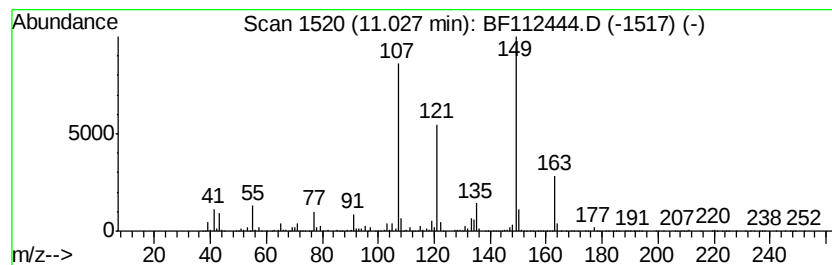
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 5H-Pyrrolo(3,2-d)pyrimidine... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	39.97 ng	2759920	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	59
2		1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	58
3		p-Propionotoluidide	163	C10H13NO	002759-55-9	38
4		1,2-propanedione,1-(3,4-methylen...	192	C10H8O4	1000378-93-0	35
5		2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112444.D
Acq On : 7 Feb 2019 18:00
Operator : JU/SJ
Sample : K1392-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

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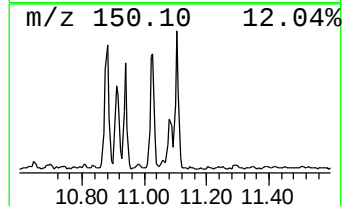
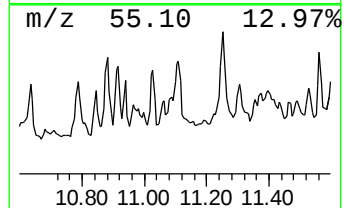
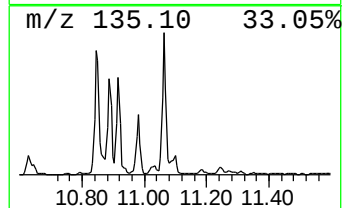
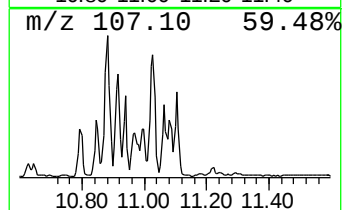
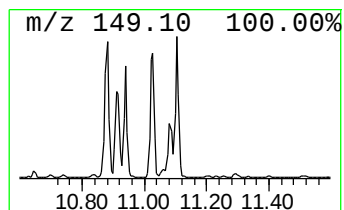
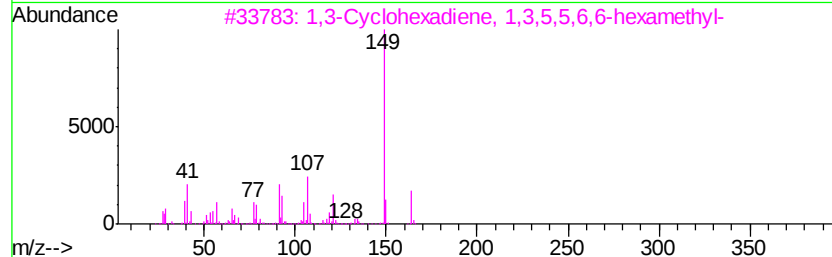
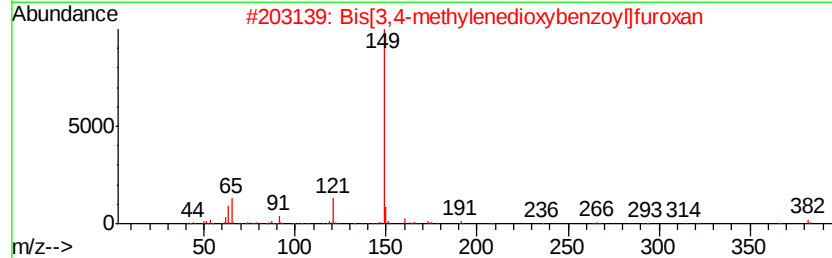
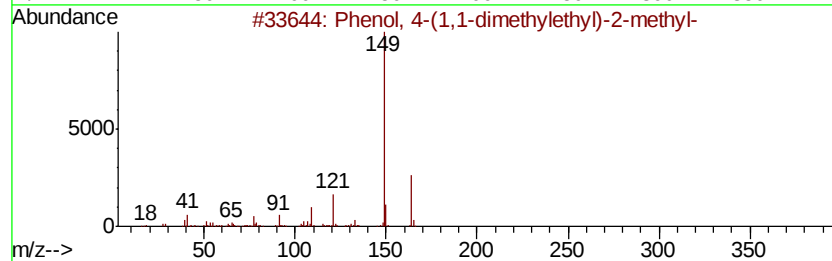
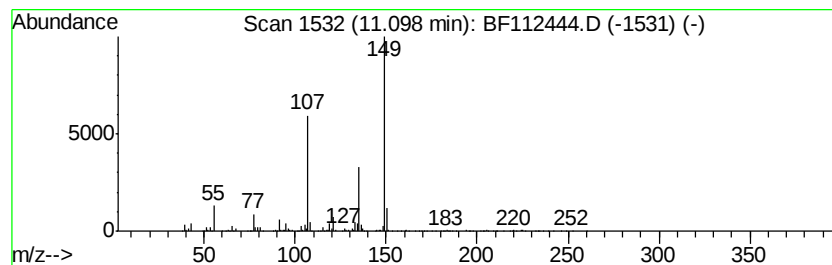
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown11.10 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	24.37 ng	1683060	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	40
2		Bis[3,4-methylenedioxybenzoyl]fu...	382	C18H10N2O8	240142-32-9	38
3		1,3-Cyclohexadiene, 1,3,5,5,6,6-...	164	C12H20	1000150-39-4	36
4		4-Methylthieno[2,3-b]pyridine	149	C8H7NS	013362-81-7	33
5		Silane, trimethyl(2-methylphenyl)-	164	C10H16Si	007450-03-5	33



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112444.D
Acq On : 7 Feb 2019 18:00
Operator : JU/SJ
Sample : K1392-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-1

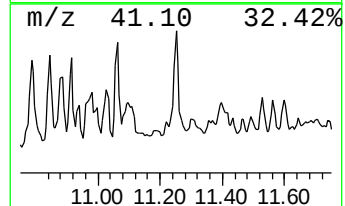
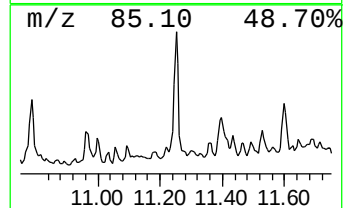
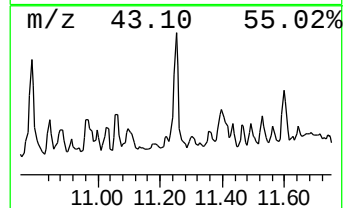
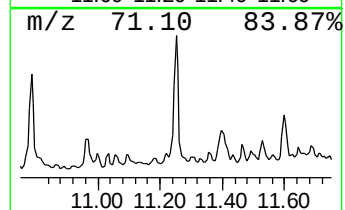
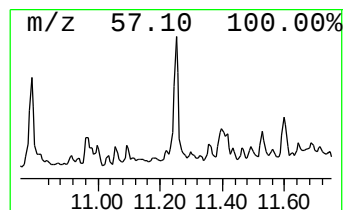
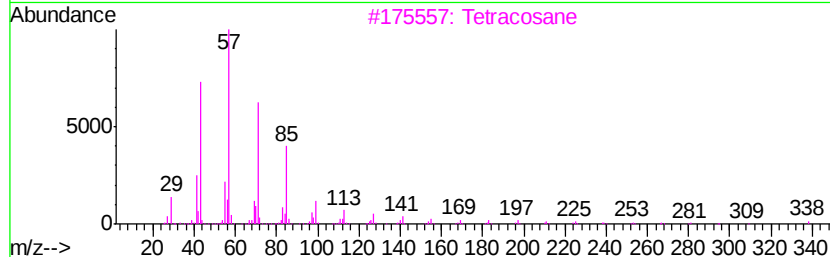
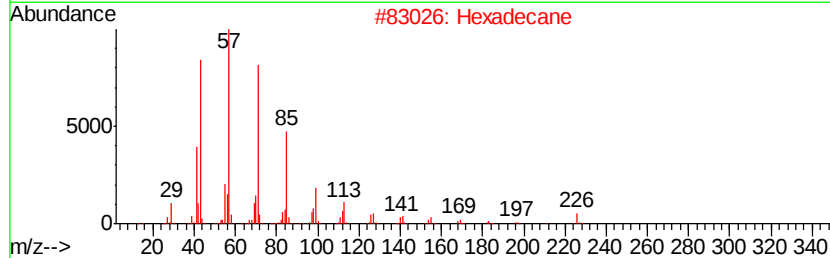
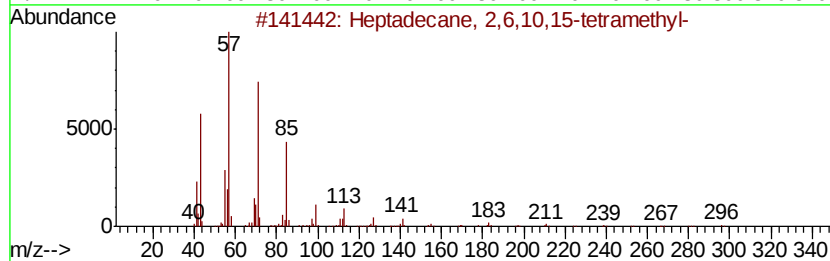
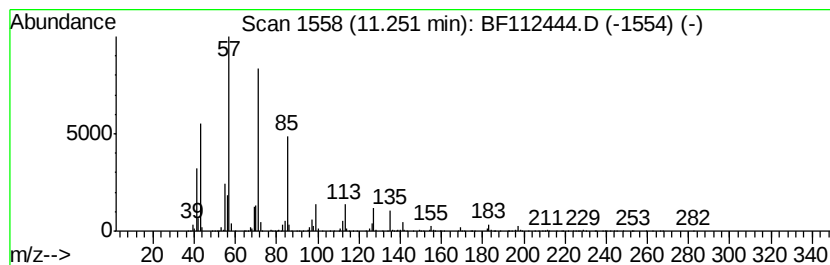
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	34.52 ng	2383970	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2		Hexadecane	226	C16H34	000544-76-3	87
3		Tetracosane	338	C24H50	000646-31-1	86
4		Octadecane	254	C18H38	000593-45-3	80
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
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Sample : K1392-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-1

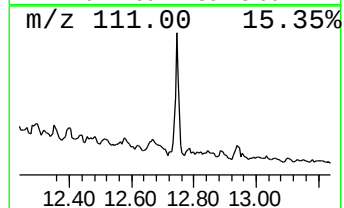
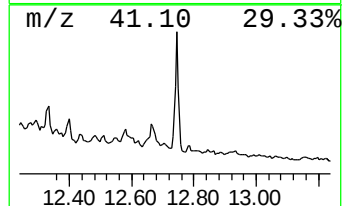
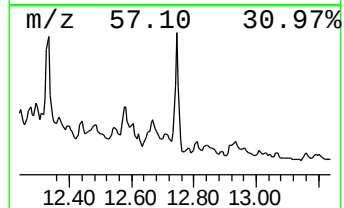
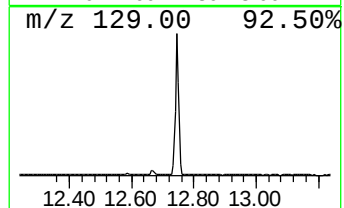
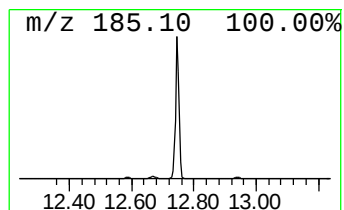
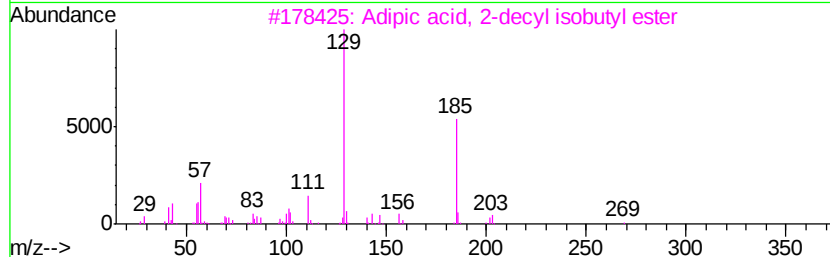
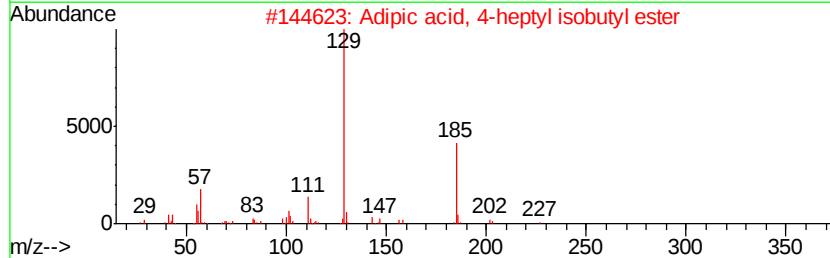
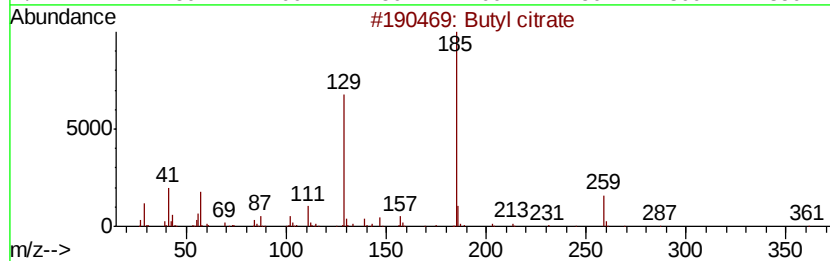
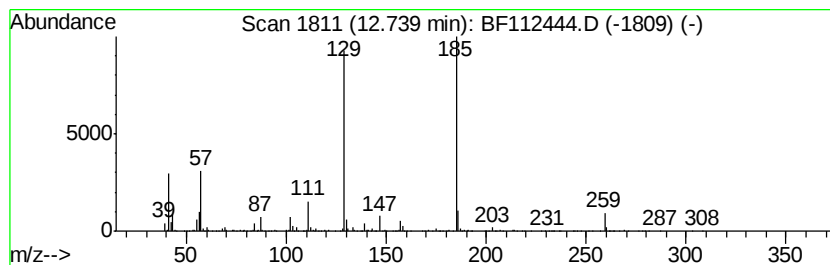
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Butyl citrate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	30.36 ng	1328630	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butyl citrate	360	C18H32O7	000077-94-1	81
2		Adipic acid, 4-heptyl isobutyl e...	300	C17H32O4	1000349-73-6	72
3		Adipic acid, 2-decyl isobutyl ester	342	C20H38O4	1000353-59-6	64
4		Adipic acid, butyl isobutyl ester	258	C14H26O4	1000324-09-3	64
5		Butanedioic acid, 2,3-dimethyl-,...	258	C14H26O4	056051-57-1	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020719\
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 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

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
unknown6.61	6.61	44.4	ng	3131310	1	6.83	1409100	20.0
Benzene, 1,2,3,4-...	7.60	18.6	ng	1059260	2	8.12	1140280	20.0
Cyclohexanemethan...	7.85	40.0	ng	2278070	2	8.12	1140280	20.0
unknown8.42	8.42	32.5	ng	1851430	2	8.12	1140280	20.0
unknown8.60	8.60	23.3	ng	1326910	2	8.12	1140280	20.0
Dodecane, 2,6,10-...	9.14	22.3	ng	1303320	3	9.87	1168390	20.0
Heneicosane	10.12	20.9	ng	1219650	3	9.87	1168390	20.0
Pentadecane, 2,6,...	10.52	26.7	ng	1558250	3	9.87	1168390	20.0
unknown10.79	10.79	47.5	ng	3277800	4	11.36	1381140	20.0
Phenol, 4-(1,1,3,...	10.85	40.4	ng	2790890	4	11.36	1381140	20.0
unknown10.88	10.88	56.9	ng	3930270	4	11.36	1381140	20.0
Phenol, 4-(1,1-di...	10.92	45.4	ng	3137130	4	11.36	1381140	20.0
Hexestrol dimethy...	10.94	21.3	ng	1468470	4	11.36	1381140	20.0
m-Anisic acid, 4-...	10.98	32.6	ng	2249250	4	11.36	1381140	20.0
5H-Pyrrolo(3,2-d)...	11.03	40.0	ng	2759920	4	11.36	1381140	20.0
unknown11.10	11.10	24.4	ng	1683060	4	11.36	1381140	20.0
Heptadecane, 2,6,...	11.25	34.5	ng	2383970	4	11.36	1381140	20.0
Butyl citrate	12.74	30.4	ng	1328630	5	14.00	875151	20.0