

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
 Data File : BF111542.D
 Acq On : 17 Dec 2018 16:45
 Operator : JU/SJ
 Sample : J6440-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

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-BF121418.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	2.163	9	13	34	rVB	238984	548845	8.13%	0.498%
2	3.281	192	203	208	rBV	633141	1723953	25.54%	1.563%
3	3.828	288	296	301	rVV	535465	735533	10.90%	0.667%
4	4.404	389	394	400	rBV	244660	283369	4.20%	0.257%
5	4.516	409	413	417	rBV	260590	277748	4.11%	0.252%
6	4.863	467	472	477	rBV	561518	537166	7.96%	0.487%
7	4.928	479	483	489	rVV	218204	272490	4.04%	0.247%
8	4.998	489	495	498	rVV	1440929	1549277	22.95%	1.405%
9	5.428	564	568	574	rVB	2257571	2318754	34.35%	2.103%
10	5.628	597	602	605	rBV2	1084341	1234740	18.29%	1.120%
11	5.745	617	622	626	rBV	1414430	1470390	21.78%	1.333%
12	5.945	650	656	657	rBV	446032	506353	7.50%	0.459%
13	5.981	657	662	664	rVV	891045	1348061	19.97%	1.222%
14	6.028	667	670	676	rVB	290251	315300	4.67%	0.286%
15	6.192	693	698	699	rVB2	150459	217153	3.22%	0.197%
16	6.333	718	722	726	rVB	222553	254814	3.77%	0.231%
17	6.375	726	729	736	rVB2	172444	188075	2.79%	0.171%
18	6.445	736	741	747	rBV2	1419225	1727597	25.59%	1.567%
19	6.569	758	762	765	rVV	3683153	3698538	54.79%	3.354%
20	6.786	796	799	802	rBV	1095489	992214	14.70%	0.900%
21	6.857	808	811	815	rVV	562425	535291	7.93%	0.485%
22	6.945	821	826	830	rBV	3605126	3715741	55.04%	3.369%
23	7.057	841	845	851	rVB	172308	185490	2.75%	0.168%
24	7.210	864	871	875	rBV2	652728	828604	12.27%	0.751%
25	7.351	889	895	898	rBV	3544765	4266393	63.20%	3.869%
26	7.533	917	926	929	rVB	734912	1509720	22.36%	1.369%
27	7.728	957	959	964	rBV3	346561	634467	9.40%	0.575%
28	7.769	964	966	970	rVB	242716	222935	3.30%	0.202%
29	7.863	974	982	983	rVV4	531316	969403	14.36%	0.879%
30	7.892	985	987	992	rVB	739949	595274	8.82%	0.540%
31	7.986	998	1003	1006	rBV	3193133	3156473	46.76%	2.862%
32	8.039	1008	1012	1013	rBV	228608	220095	3.26%	0.200%
33	8.069	1014	1017	1020	rBV	1535616	1286545	19.06%	1.167%
34	8.157	1028	1032	1035	rVB	587927	702546	10.41%	0.637%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.198	1036	1039	1043	rVV	271708	267439	3.96%	0.243%
36	8.239	1043	1046	1049	rVB	204012	201813	2.99%	0.183%
37	8.345	1059	1064	1067	rBV3	658393	782311	11.59%	0.709%
38	8.392	1067	1072	1076	rVV3	221335	378957	5.61%	0.344%
39	8.433	1076	1079	1081	rVV2	290141	301961	4.47%	0.274%
40	8.457	1081	1083	1085	rVV	383208	439824	6.52%	0.399%
41	8.486	1085	1088	1091	rVV2	737662	1088479	16.12%	0.987%
42	8.545	1094	1098	1100	rVV	438628	537535	7.96%	0.487%
43	8.586	1100	1105	1109	rVV2	504366	962780	14.26%	0.873%
44	8.627	1109	1112	1114	rVV2	350817	533690	7.91%	0.484%
45	8.657	1114	1117	1121	rVV3	1160003	1317029	19.51%	1.194%
46	8.710	1121	1126	1131	rVB4	430283	779905	11.55%	0.707%
47	8.769	1131	1136	1139	rBV4	265205	404215	5.99%	0.367%
48	8.798	1139	1141	1145	rVB	255115	218692	3.24%	0.198%
49	8.927	1157	1163	1166	rBV6	179739	330464	4.90%	0.300%
50	8.963	1166	1169	1172	rVB4	164012	196001	2.90%	0.178%
51	9.051	1177	1184	1189	rBV3	939133	1273593	18.87%	1.155%
52	9.151	1195	1201	1204	rVB	6670704	6538686	96.86%	5.929%
53	9.239	1212	1216	1220	rBV3	434617	598297	8.86%	0.543%
54	9.292	1221	1225	1226	rVV3	136644	190594	2.82%	0.173%
55	9.310	1226	1228	1233	rVB4	307001	420500	6.23%	0.381%
56	9.422	1243	1247	1252	rVB6	213699	301564	4.47%	0.273%
57	9.551	1259	1269	1272	rBV	4743015	4768547	70.64%	4.324%
58	9.598	1272	1277	1281	rVB3	279176	392050	5.81%	0.356%
59	9.645	1281	1285	1287	rBV	361594	425059	6.30%	0.385%
60	9.698	1292	1294	1296	rVV	345498	312313	4.63%	0.283%
61	9.739	1298	1301	1304	rVB2	282771	320434	4.75%	0.291%
62	9.827	1312	1316	1319	rBV	2061566	1883445	27.90%	1.708%
63	9.951	1331	1337	1339	rBV2	389178	498251	7.38%	0.452%
64	9.974	1339	1341	1343	rVV	415925	402440	5.96%	0.365%
65	10.039	1350	1352	1355	rVB2	214277	220107	3.26%	0.200%
66	10.192	1373	1378	1382	rVB2	252217	321316	4.76%	0.291%
67	10.357	1404	1406	1409	rVB2	212416	171132	2.53%	0.155%
68	10.457	1420	1423	1426	rBV3	150159	216556	3.21%	0.196%
69	10.621	1445	1451	1458	rBV	3532085	3726987	55.21%	3.380%
70	10.686	1458	1462	1465	rBV	715547	729465	10.81%	0.661%
71	10.845	1485	1489	1490	rBV2	176558	193377	2.86%	0.175%

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72	10.898	1494	1498	1501	rVB2	263614	261388	3.87%	0.237%
73	11.098	1528	1532	1534	rBV2	300073	286294	4.24%	0.260%
74	11.157	1539	1542	1547	rVB3	287387	314073	4.65%	0.285%
75	11.221	1550	1553	1554	rBV	222156	182312	2.70%	0.165%
76	11.310	1564	1568	1574	rVB	1892003	1749039	25.91%	1.586%
77	11.845	1654	1659	1662	rBV	1825808	2141638	31.72%	1.942%
78	11.868	1662	1663	1670	rVB	857654	769777	11.40%	0.698%
79	12.280	1730	1733	1739	rVB2	507290	584065	8.65%	0.530%
80	12.586	1781	1785	1788	rVV	3093082	2711998	40.17%	2.459%
81	12.633	1788	1793	1804	rVV	1409393	1689816	25.03%	1.532%
82	12.898	1828	1838	1840	rBV2	5118665	6750782	100.00%	6.121%
83	12.921	1840	1842	1848	rVB	565163	509343	7.54%	0.462%
84	13.045	1853	1863	1872	rVB	386420	1139295	16.88%	1.033%
85	13.251	1892	1898	1902	rVB3	514318	680304	10.08%	0.617%
86	13.786	1984	1989	1994	rVV3	1797334	2948240	43.67%	2.673%
87	13.851	1994	2000	2009	rVV	625391	1369072	20.28%	1.241%
88	13.945	2012	2016	2023	rVB	1258314	1140910	16.90%	1.035%
89	14.115	2040	2045	2051	rBV2	695694	881453	13.06%	0.799%
90	14.462	2099	2104	2109	rVB	705091	1101110	16.31%	0.998%
91	14.592	2120	2126	2136	rVB	2427810	3064274	45.39%	2.779%
92	14.756	2151	2154	2158	rBV	862787	909734	13.48%	0.825%
93	14.921	2178	2182	2190	rVB	691069	942631	13.96%	0.855%
94	15.015	2193	2198	2202	rBV	490078	769302	11.40%	0.698%
95	15.386	2257	2261	2265	rBV	877383	1109586	16.44%	1.006%
96	15.486	2274	2278	2292	rVB	1537191	2587004	38.32%	2.346%
97	15.645	2299	2305	2314	rVB	139984	295377	4.38%	0.268%
98	15.945	2351	2356	2365	rVB	229929	464983	6.89%	0.422%
99	16.698	2480	2484	2487	rBV3	91367	168668	2.50%	0.153%
100	16.762	2488	2495	2509	rVB	411091	1082758	16.04%	0.982%

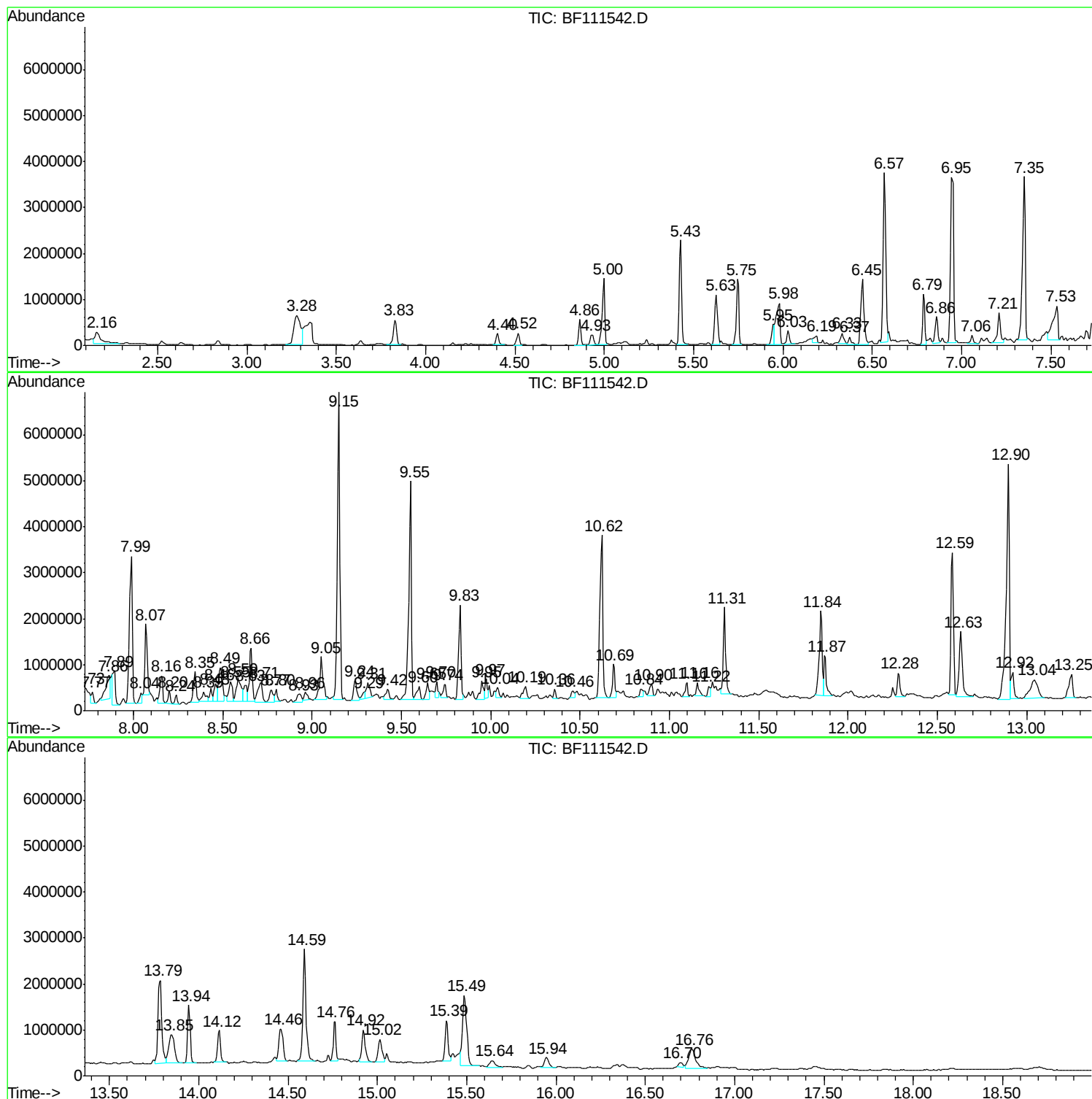
Sum of corrected areas: 110280381

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Instrument :
BNA_F
ClientSampled :
COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.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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Instrument :
BNA_F
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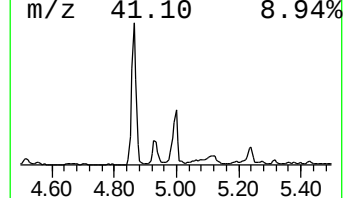
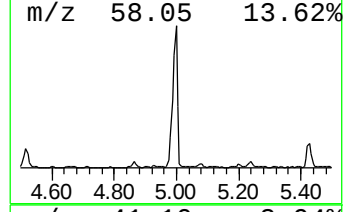
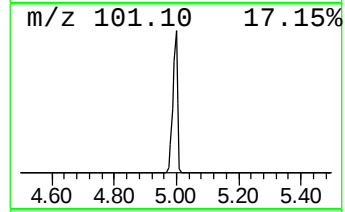
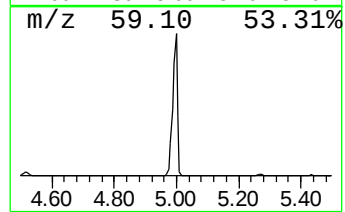
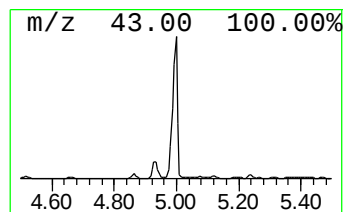
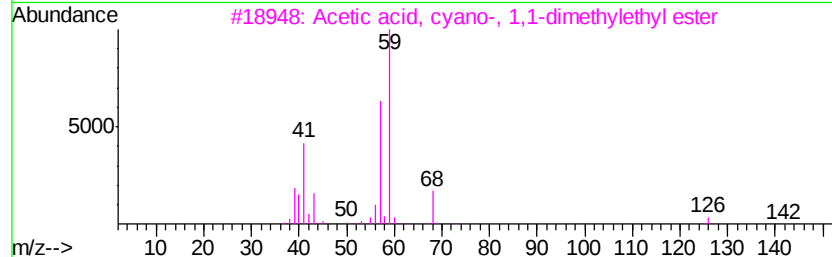
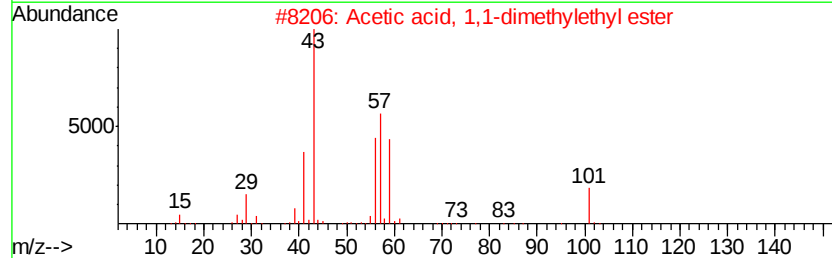
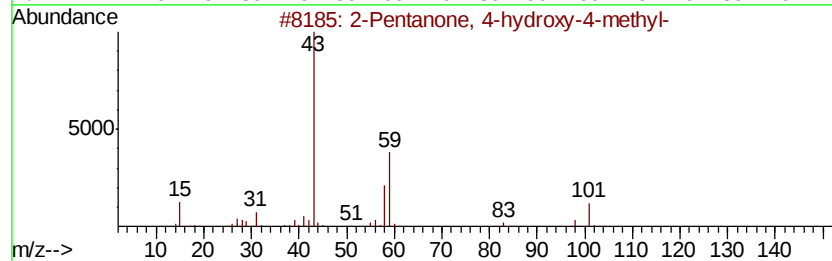
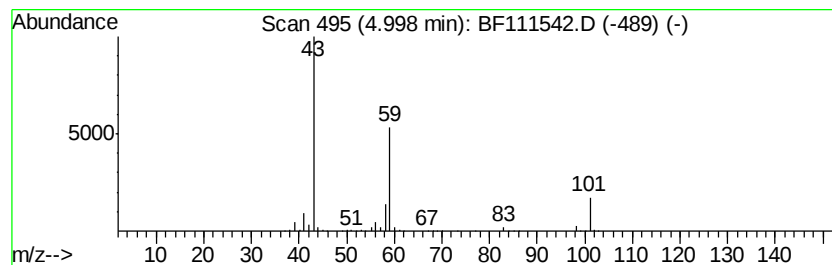
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	31.23 ng	1549280	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9



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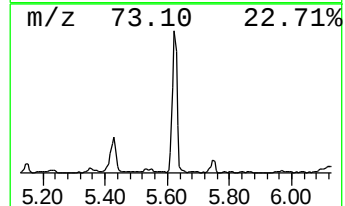
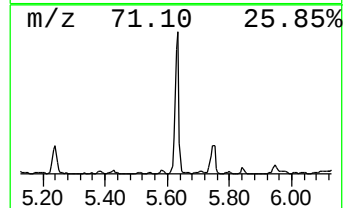
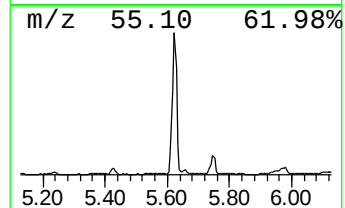
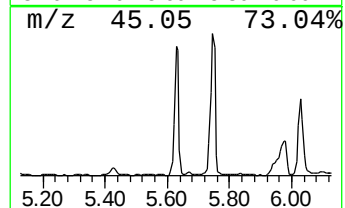
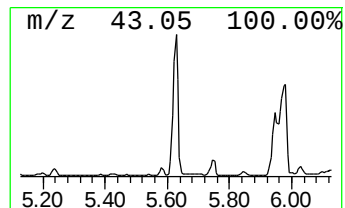
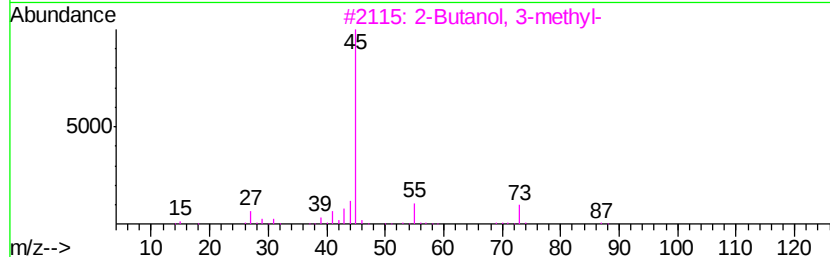
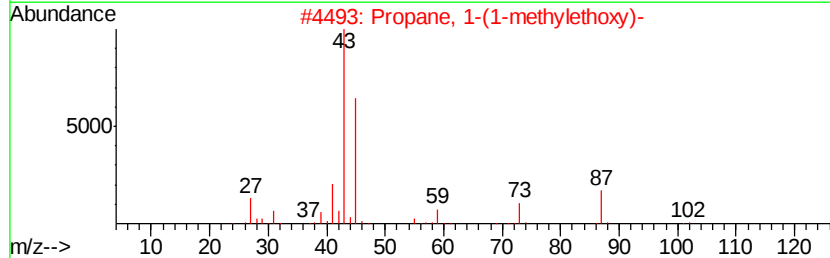
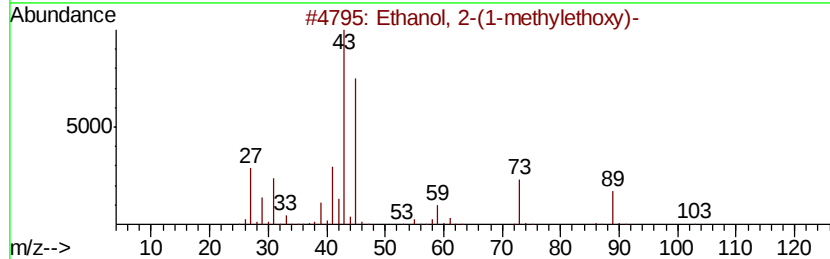
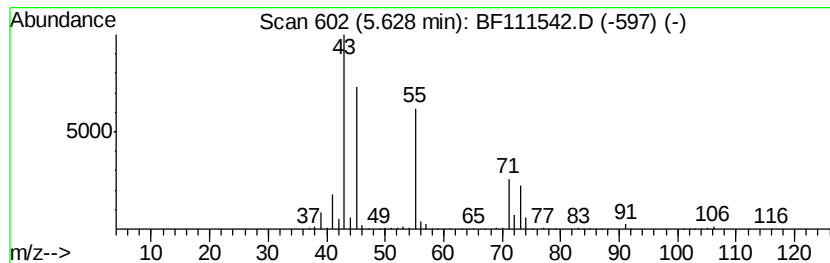
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown5.63 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	24.89 ng	1234740	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(1-methylethoxy)-	104	C5H12O2	000109-59-1	38
2		Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	37
3		2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	25
4		5-Hydroxy-4-octanone	144	C8H16O2	000496-77-5	17
5		(R)-(-)-3-Methyl-2-butanol	88	C5H12O	001572-93-6	10



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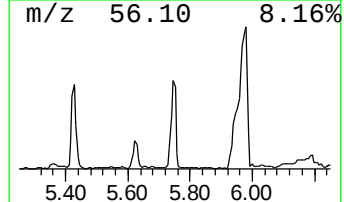
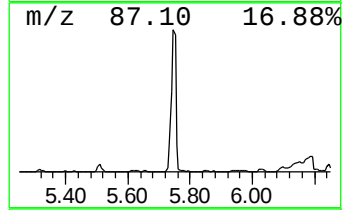
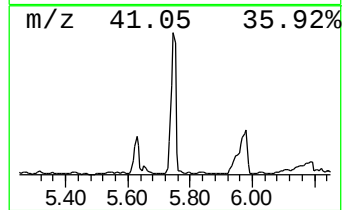
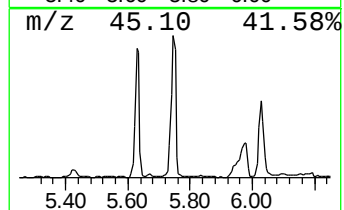
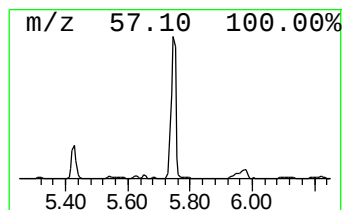
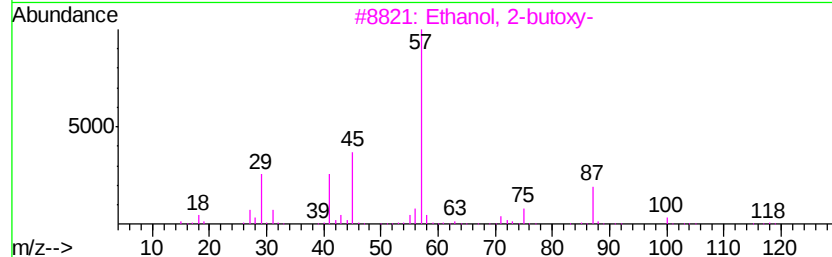
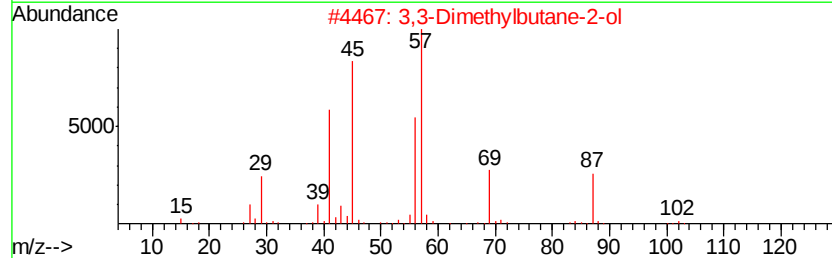
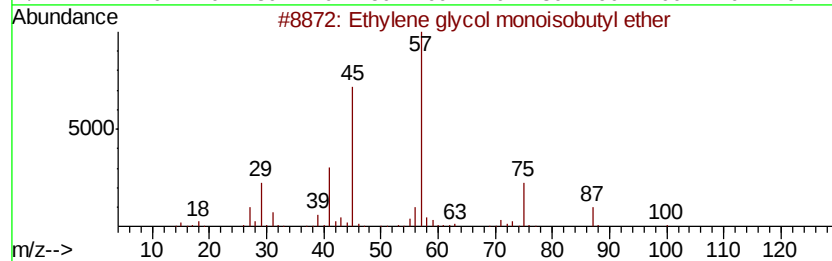
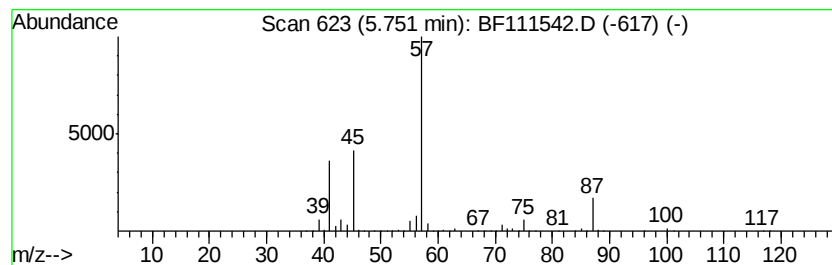
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Ethylene glycol monoisobuty... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	29.64 ng	1470390	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	72
2		3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
3		Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	45
4		Isobutyl ether	130	C8H18O	000628-55-7	25
5		1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	17



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111542.D
Acq On : 17 Dec 2018 16:45
Operator : JU/SJ
Sample : J6440-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

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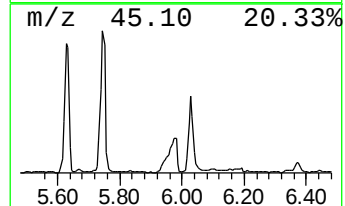
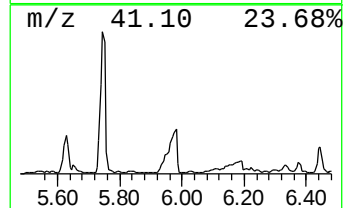
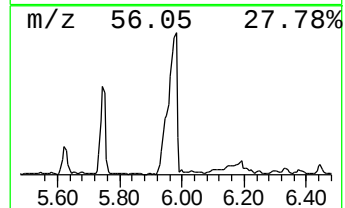
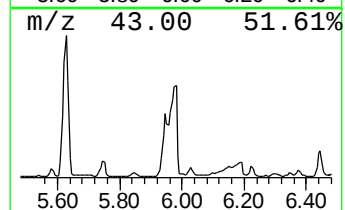
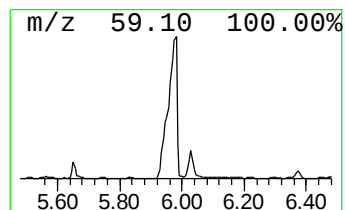
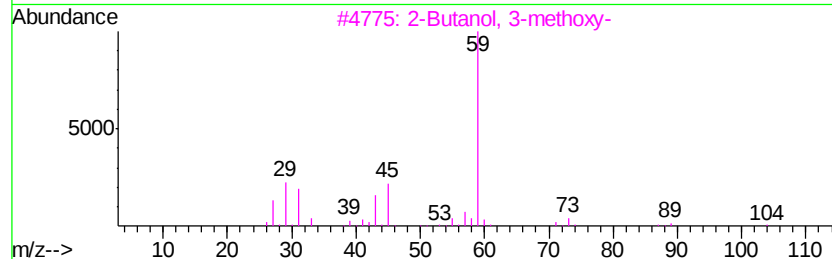
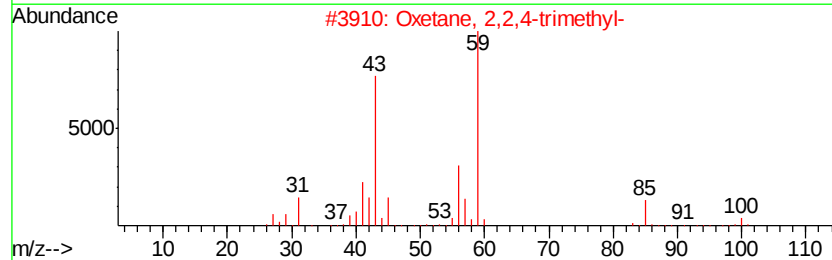
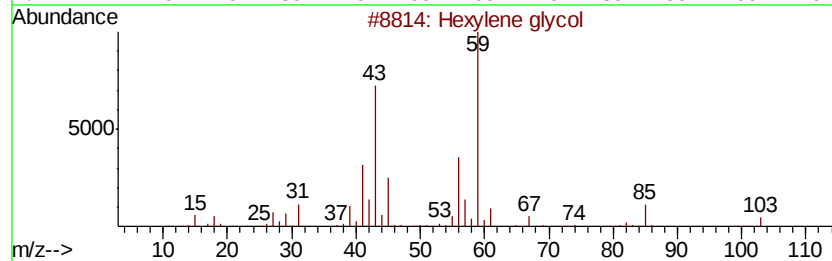
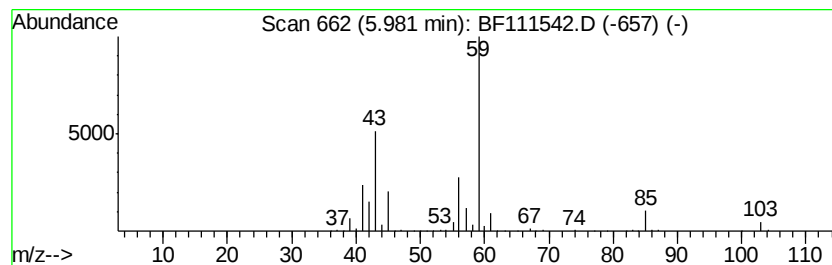
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexylene glycol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	27.17 ng	1348060	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexylene glycol	118	C6H14O2	000107-41-5	90
2	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	64
3	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	50
4	2-Propanol, 1-methoxy-2-methyl-	104	C5H12O2	003587-64-2	47
5	Pentane, 2-methoxy-	102	C6H14O	006795-88-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111542.D
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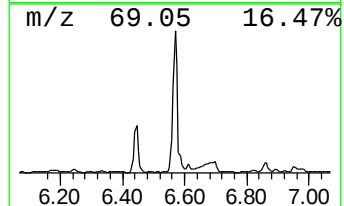
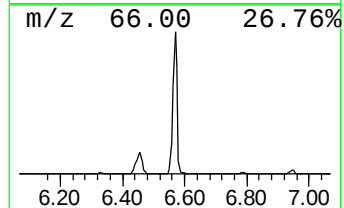
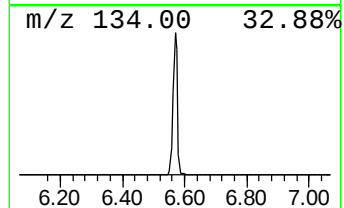
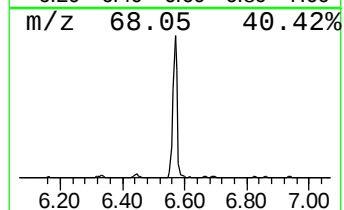
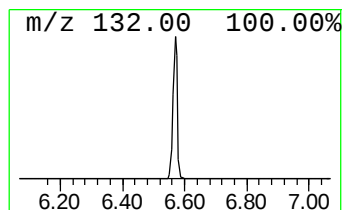
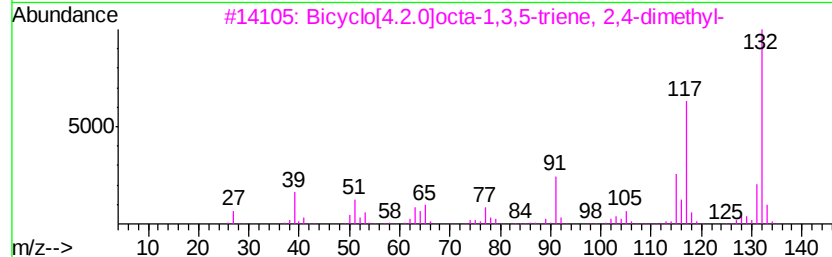
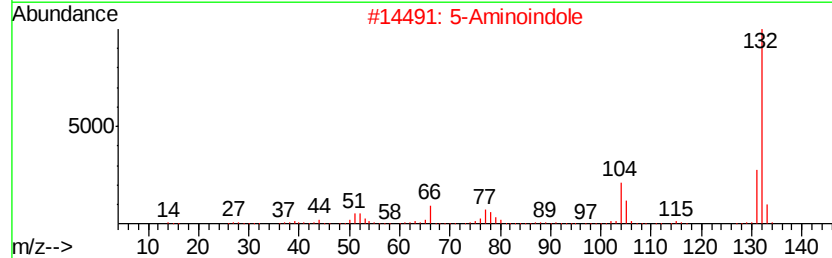
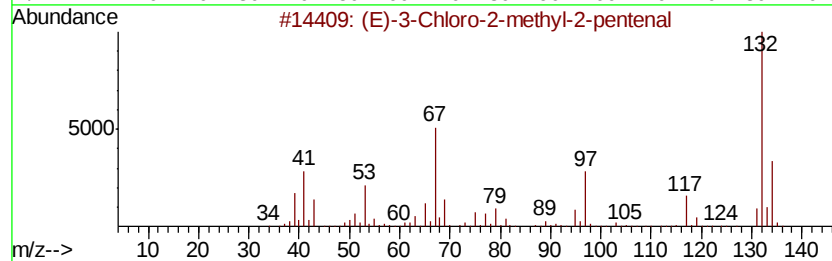
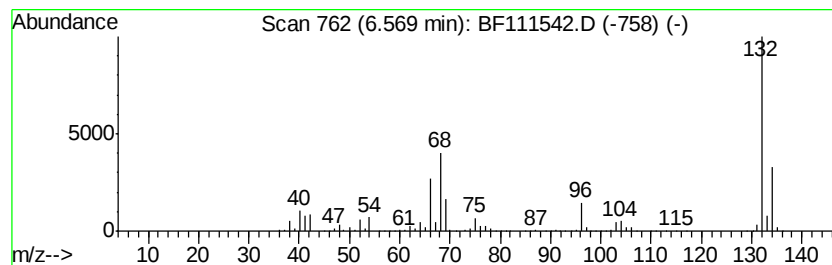
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	74.55 ng	3698540	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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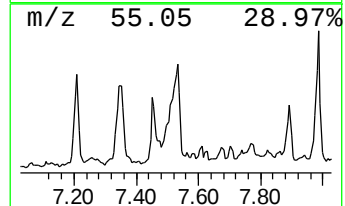
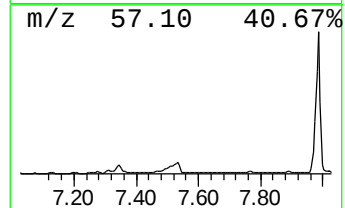
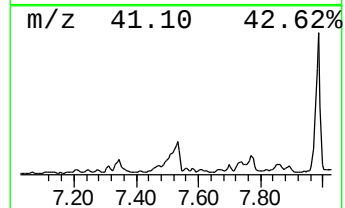
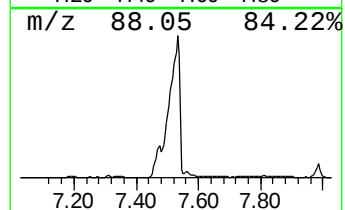
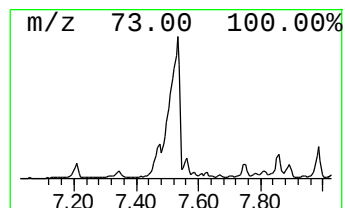
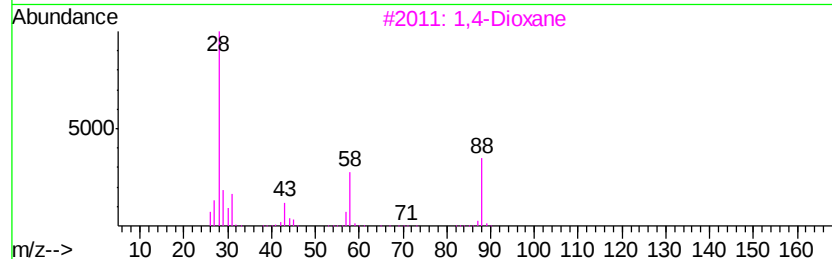
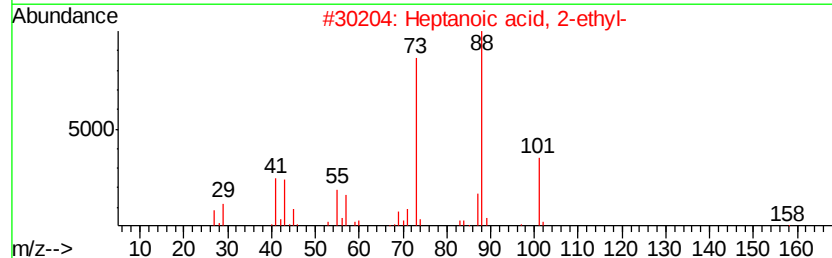
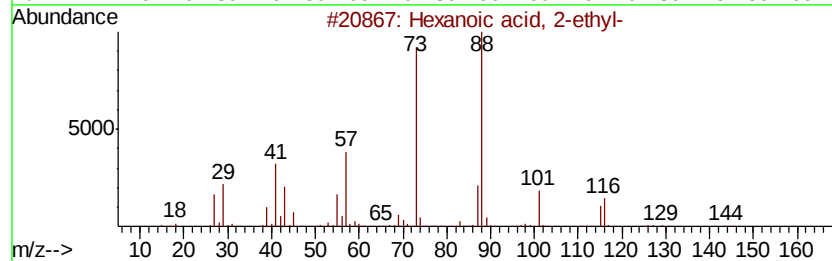
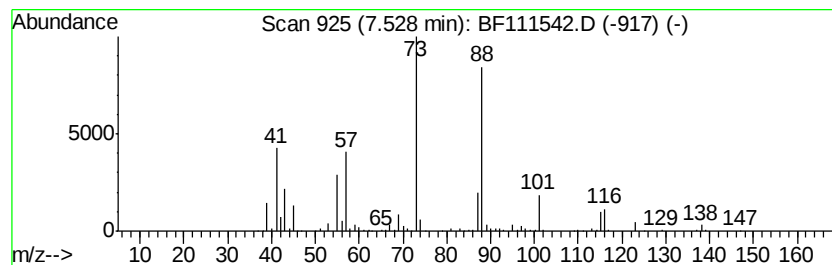
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexanoic acid, 2-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	23.47 ng	1509720	Naphthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2		Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	42
3		1,4-Dioxane	88	C4H8O2	000123-91-1	38
4		Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	38
5		Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	28



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
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Acq On : 17 Dec 2018 16:45
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Sample : J6440-02
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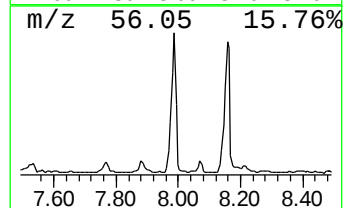
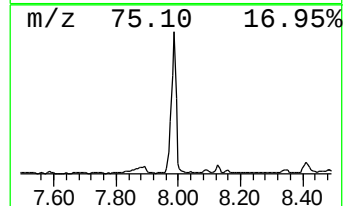
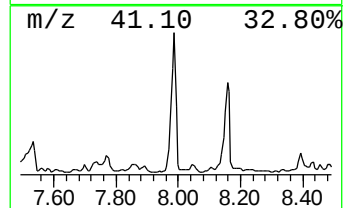
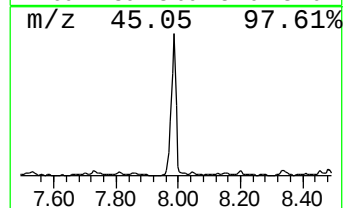
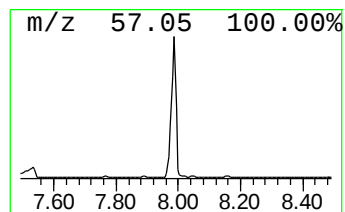
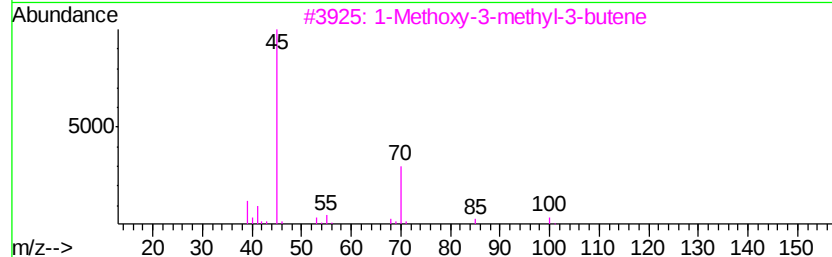
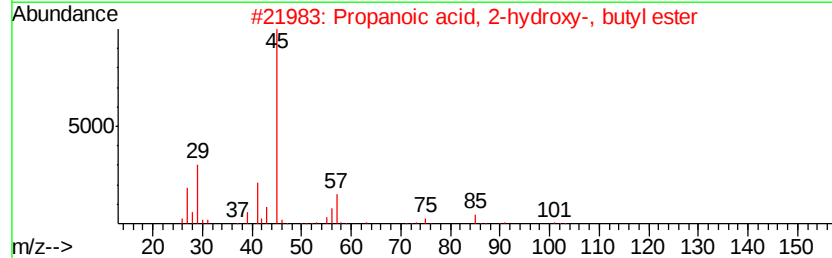
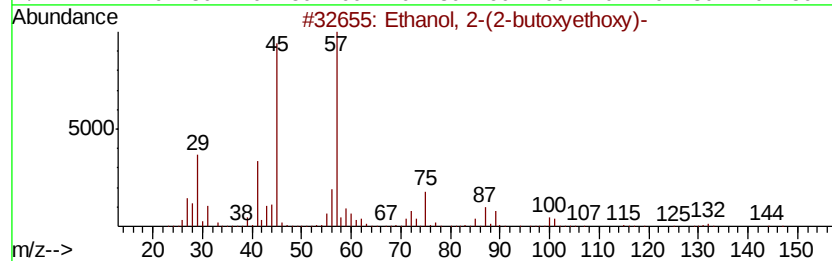
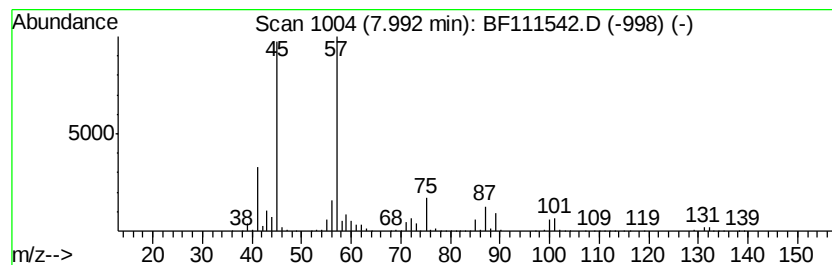
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	49.07 ng	3156470	Naphthalene-d8	8.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2		Propanoic acid, 2-hydroxy-, buty...	146	C7H14O3	000138-22-7	50
3		1-Methoxy-3-methyl-3-butene	100	C6H12O	034752-58-4	47
4		Tetraethylene glycol	194	C8H18O5	000112-60-7	47
5		Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
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Acq On : 17 Dec 2018 16:45
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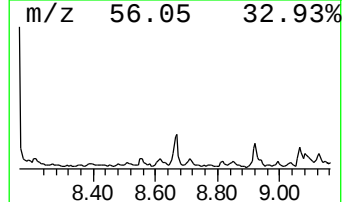
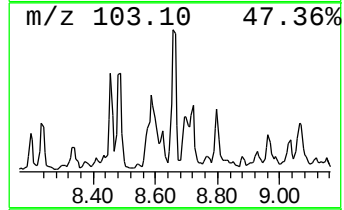
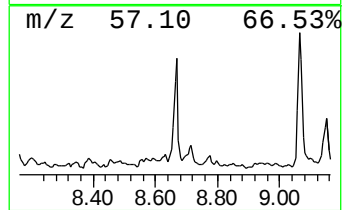
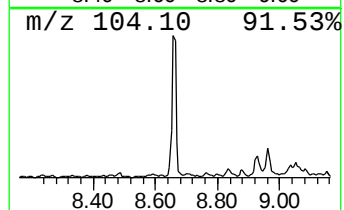
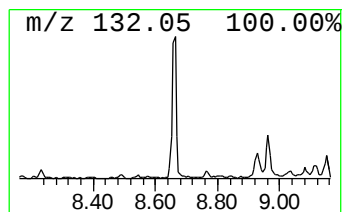
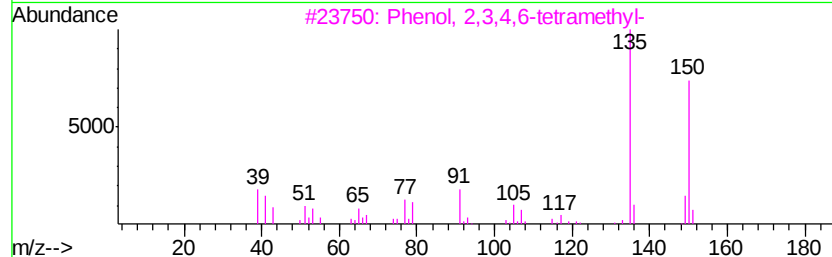
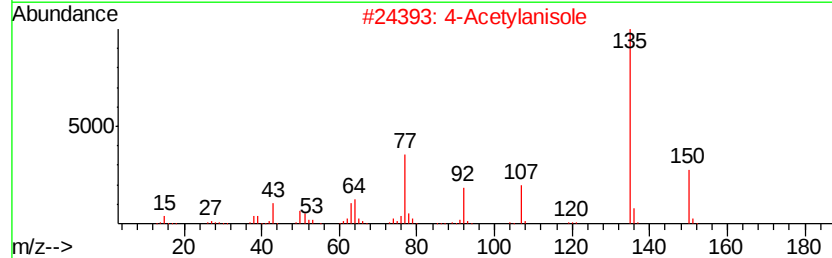
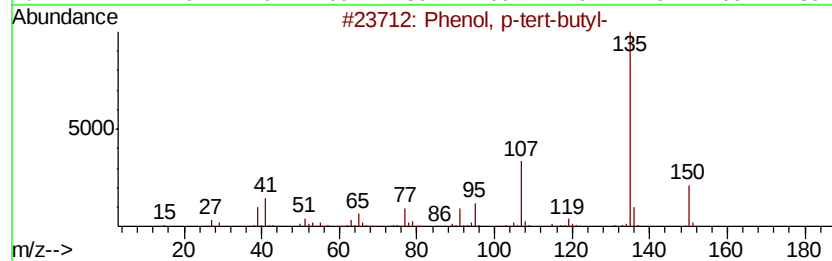
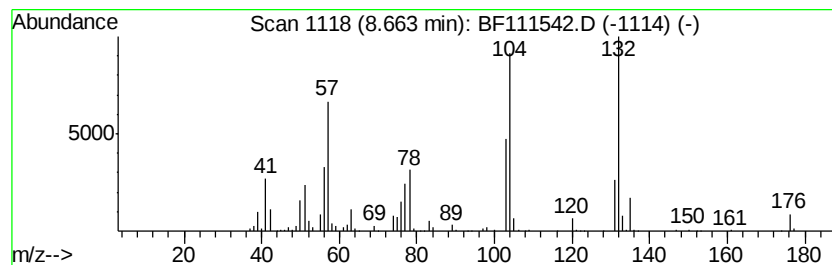
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenol, p-tert-butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	20.47 ng	1317030	Naphthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	91
2		4-Acetylanisole	150	C9H10O2	000100-06-1	47
3		Phenol, 2,3,4,6-tetramethyl-	150	C10H14O	003238-38-8	43
4		m-Anisic hydrazide	166	C8H10N2O2	005785-06-8	43
5		Hexestrol	270	C18H22O2	000084-16-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
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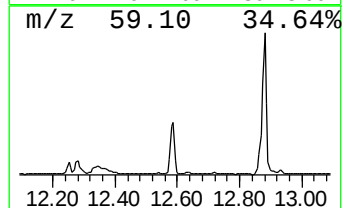
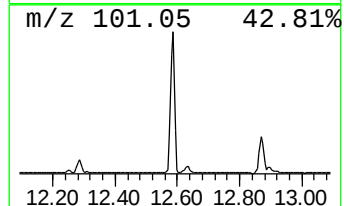
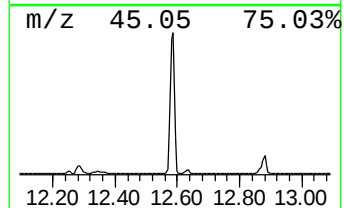
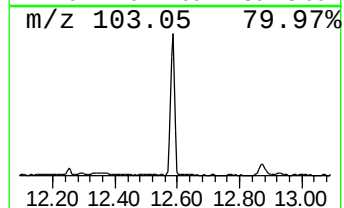
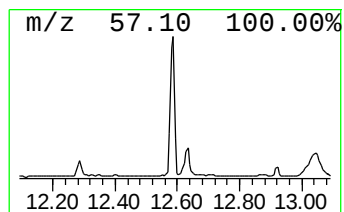
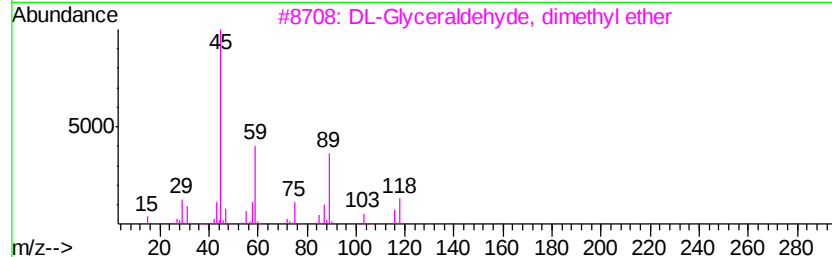
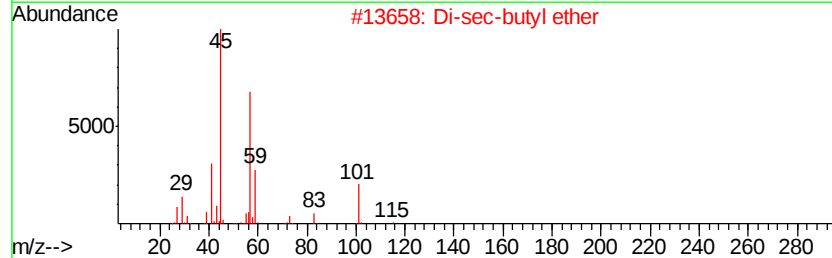
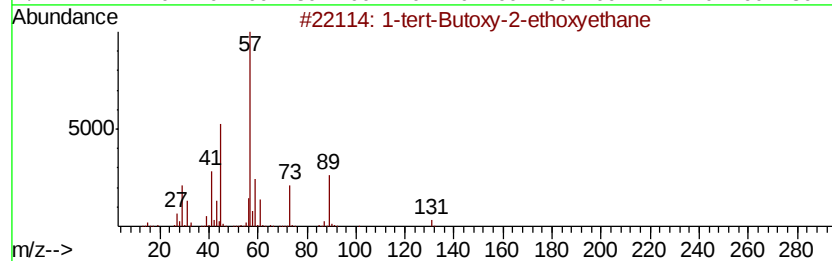
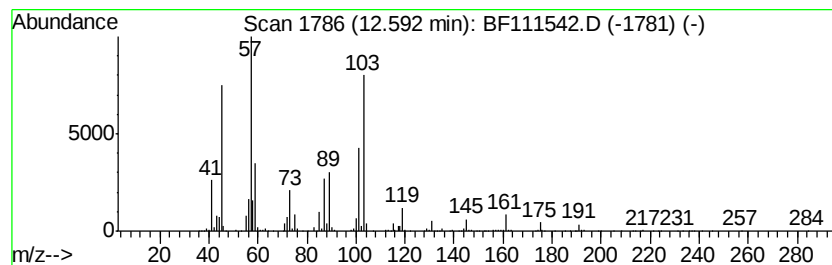
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown12.59 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	31.01 ng	2712000	Phenanthrene-d10	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	47
2		Di-sec-butyl ether	130	C8H18O	006863-58-7	43
3		DL-Glyceraldehyde, dimethyl ether	118	C5H10O3	1000332-93-3	38
4		Carbonic acid, bis(1-methylpropyl...)	174	C9H18O3	000623-63-2	38
5		2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	35



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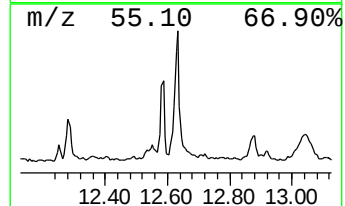
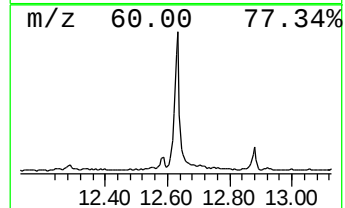
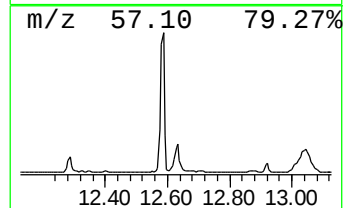
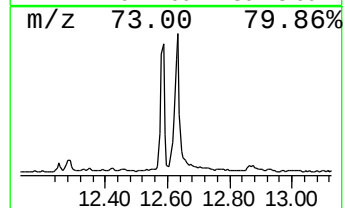
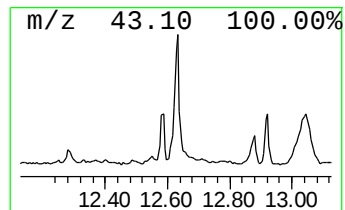
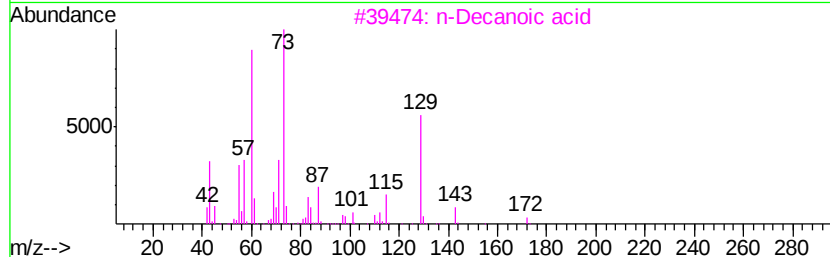
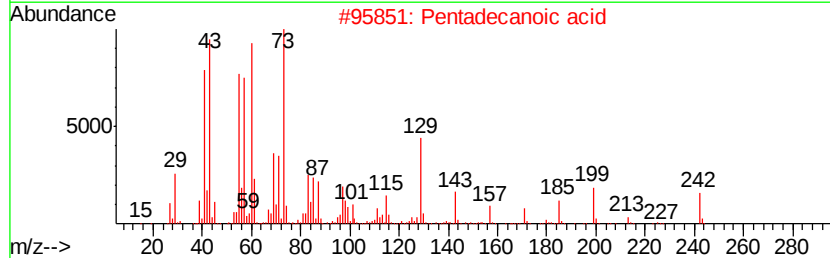
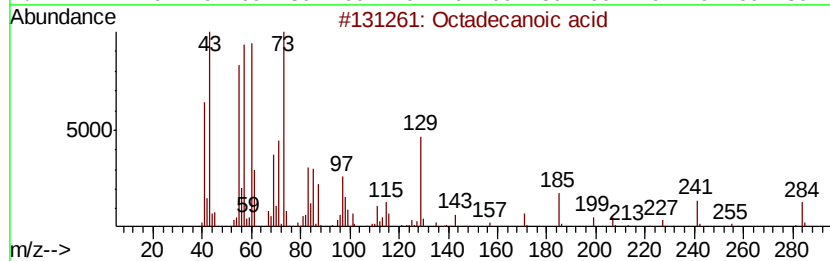
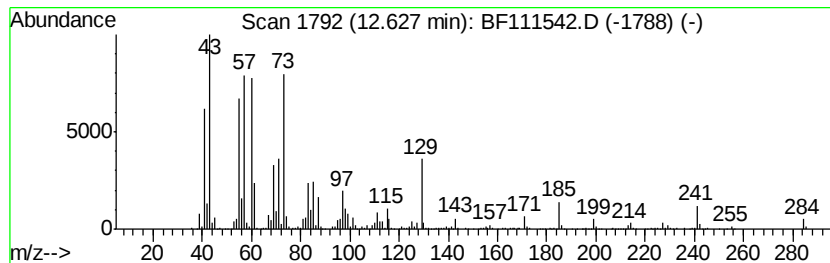
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	29.62 ng	1689820	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		n-Decanoic acid	172	C10H20O2	000334-48-5	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	89
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111542.D
Acq On : 17 Dec 2018 16:45
Operator : JU/SJ
Sample : J6440-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

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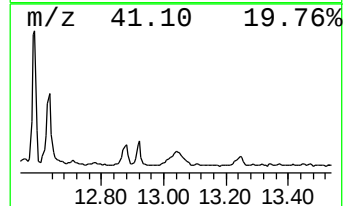
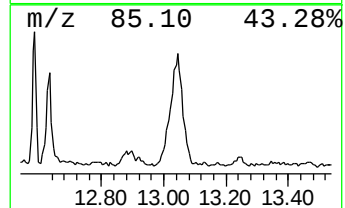
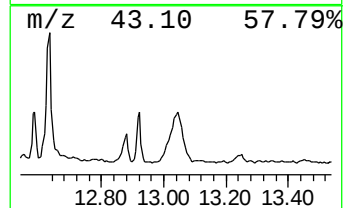
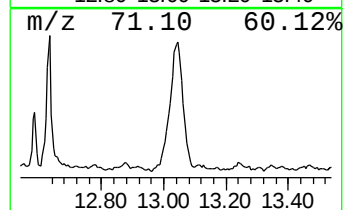
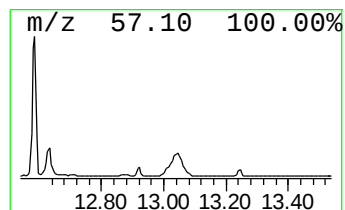
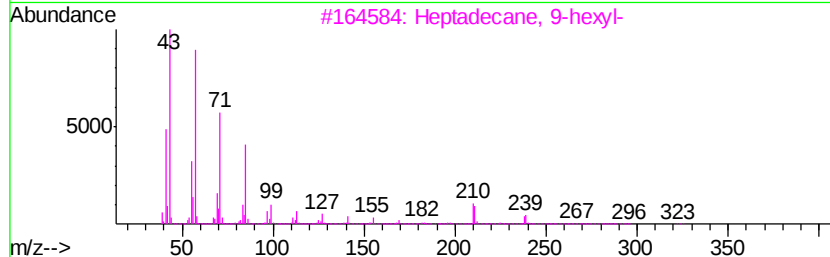
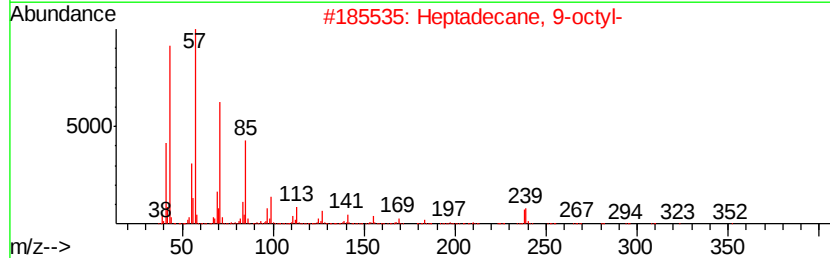
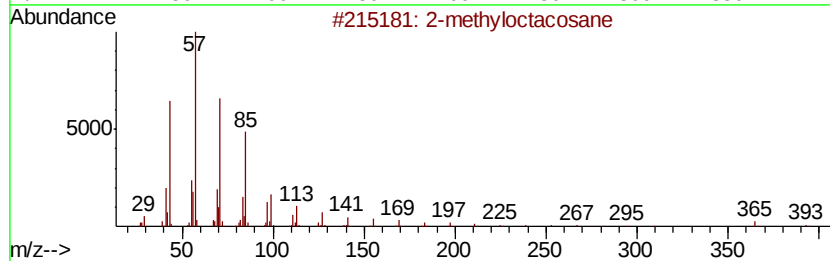
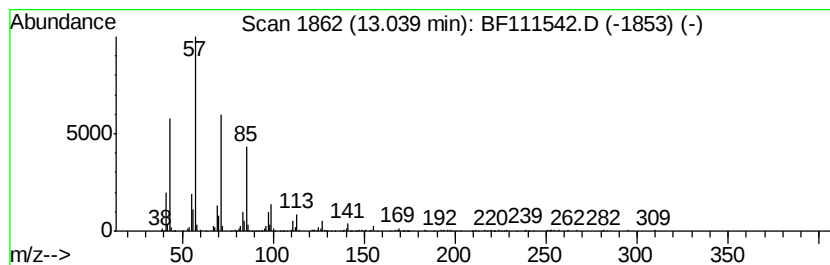
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2-methyloctacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	19.97 ng	1139300	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111542.D
Acq On : 17 Dec 2018 16:45
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Sample : J6440-02
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Instrument :
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ClientSampleId :
COMP-2

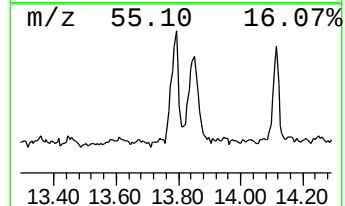
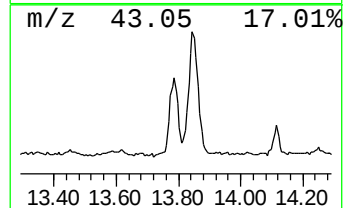
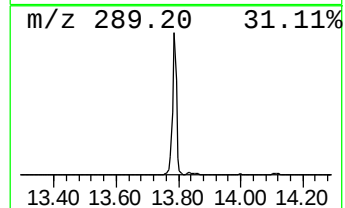
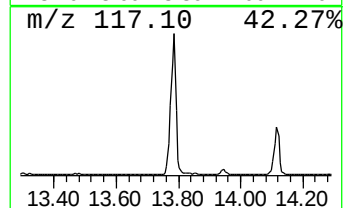
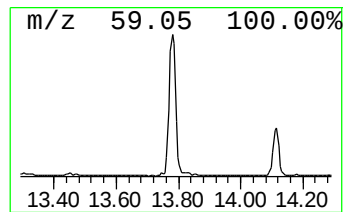
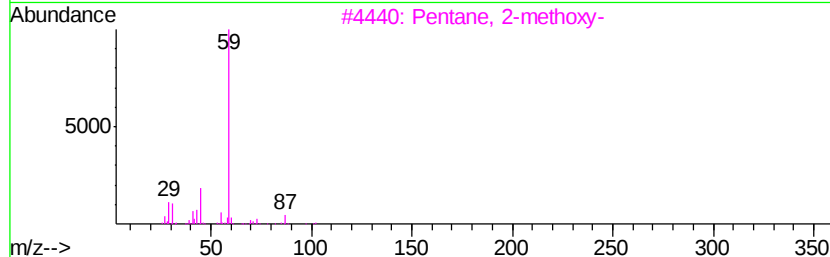
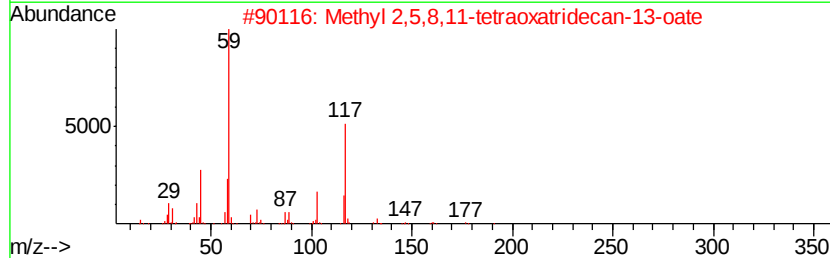
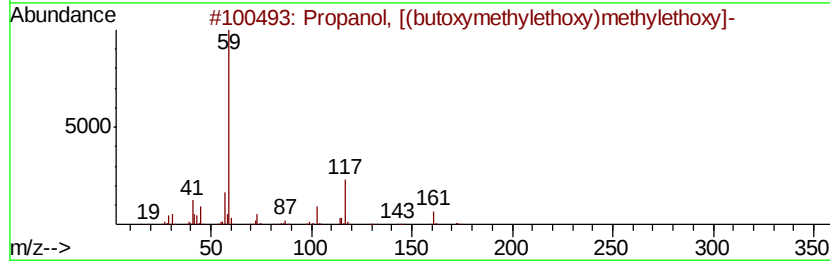
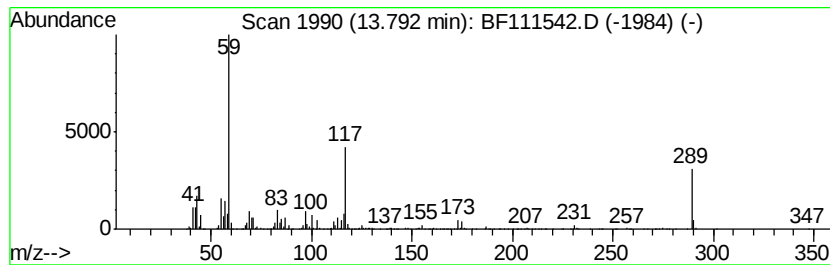
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown13.79 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	51.68 ng	2948240	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanol, [(butoxymethylethoxy)m...	248	C13H28O4	055934-93-5	45
2		Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	45
3		Pentane, 2-methoxy-	102	C6H14O	006795-88-6	38
4		2,3,3-Trimethyl-2-pentanol	130	C8H18O	023171-85-9	38
5		1-(1-Methoxypropan-2-yloxy)propa...	232	C12H24O4	1000367-13-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111542.D
Acq On : 17 Dec 2018 16:45
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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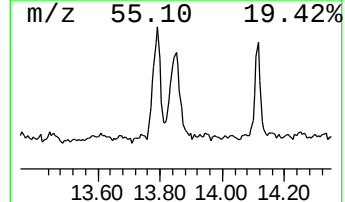
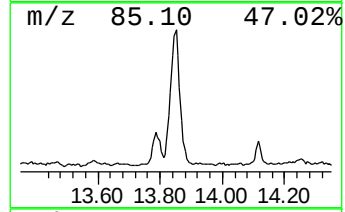
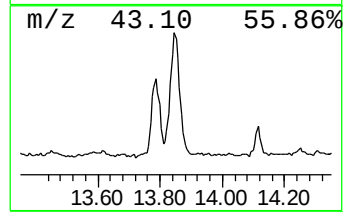
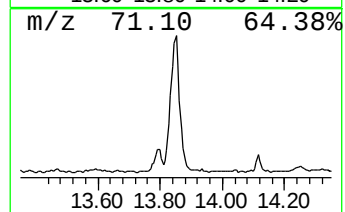
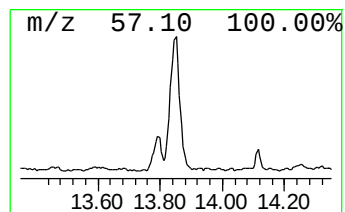
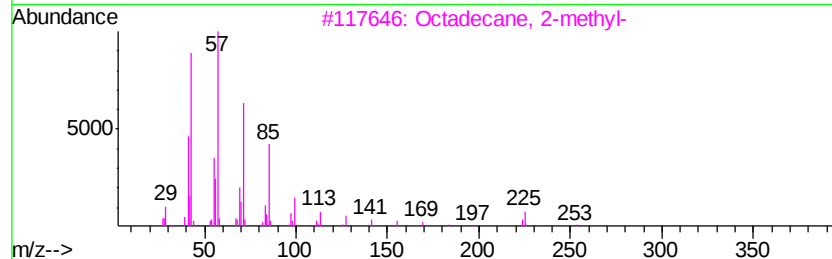
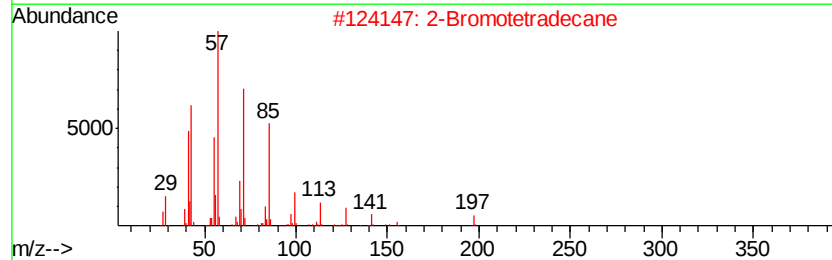
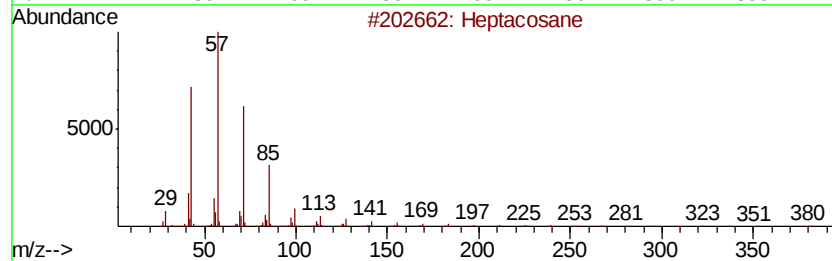
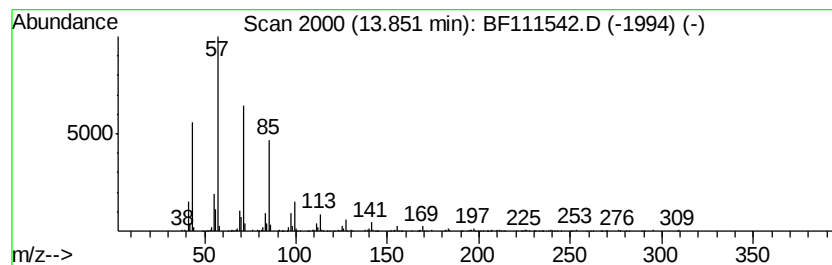
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	24.00 ng	1369070	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		2-Bromotetradecane	276	C14H29Br	074036-95-6	86
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
4		Tetracosane	338	C24H50	000646-31-1	74
5		Tetratetracontane	619	C44H90	007098-22-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111542.D
Acq On : 17 Dec 2018 16:45
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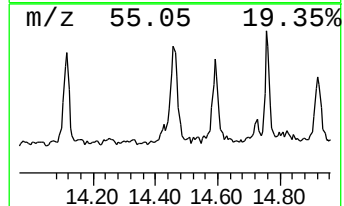
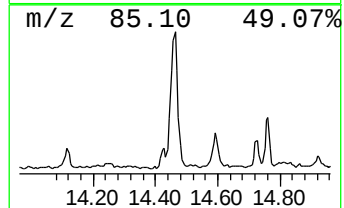
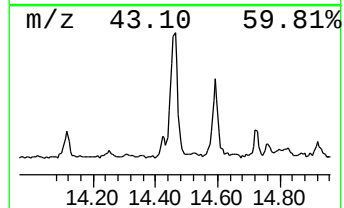
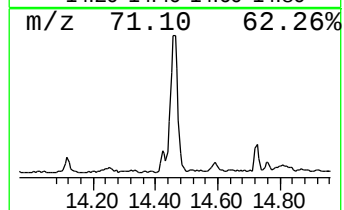
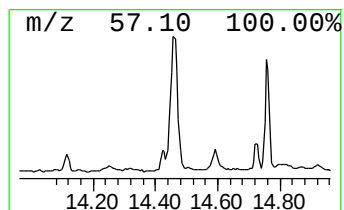
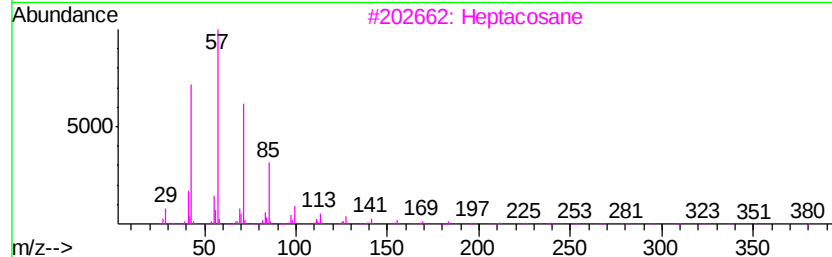
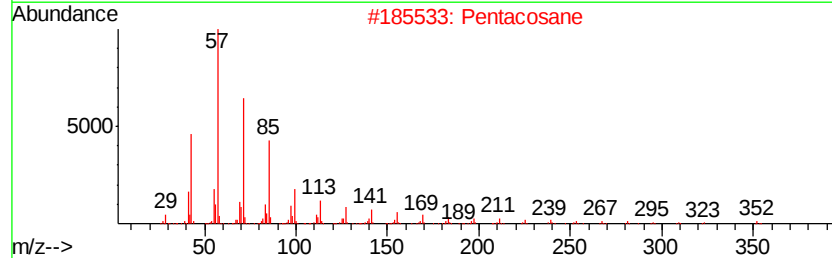
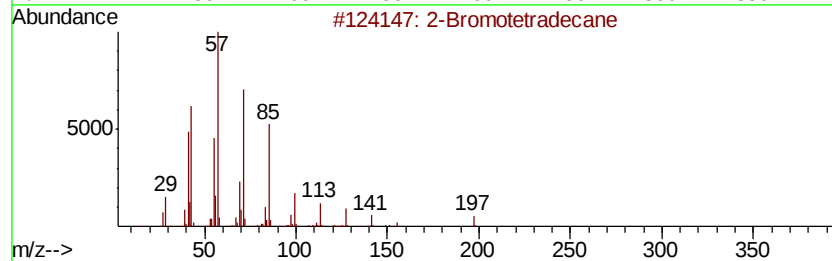
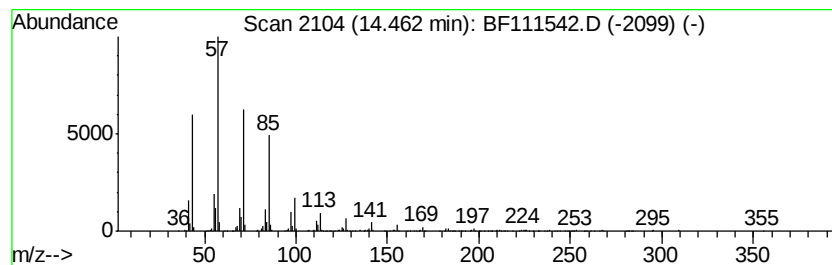
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2-Bromotetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	19.30 ng	1101110	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
2		Pentacosane	352	C25H52	000629-99-2	83
3		Heptacosane	380	C27H56	000593-49-7	83
4		Tetratetracontane	619	C44H90	007098-22-8	83
5		Hexatriacontane	507	C36H74	000630-06-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111542.D
Acq On : 17 Dec 2018 16:45
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Instrument :
BNA_F
ClientSampleId :
COMP-2

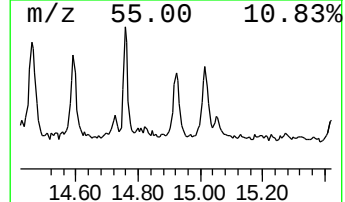
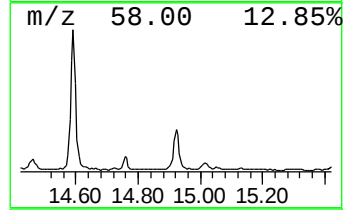
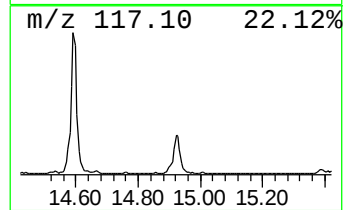
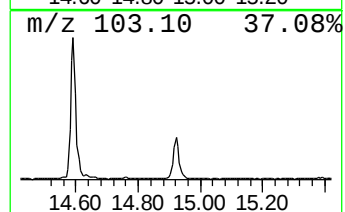
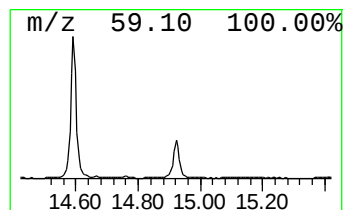
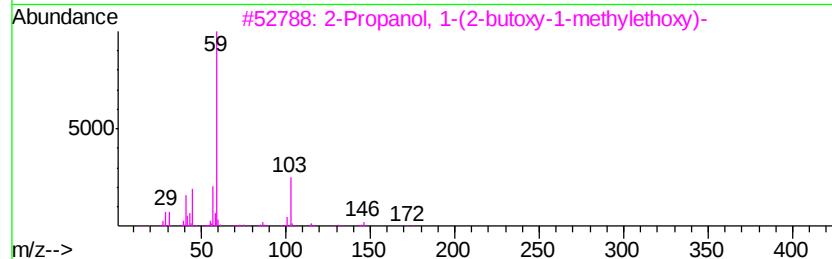
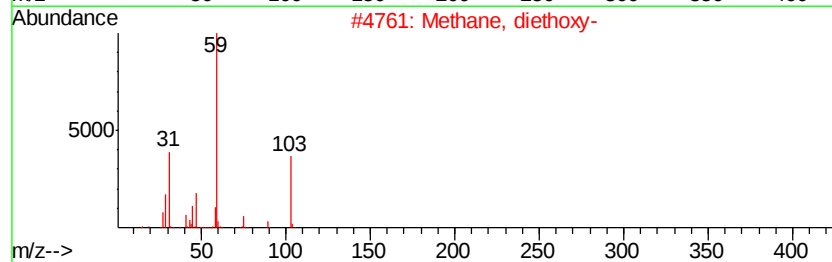
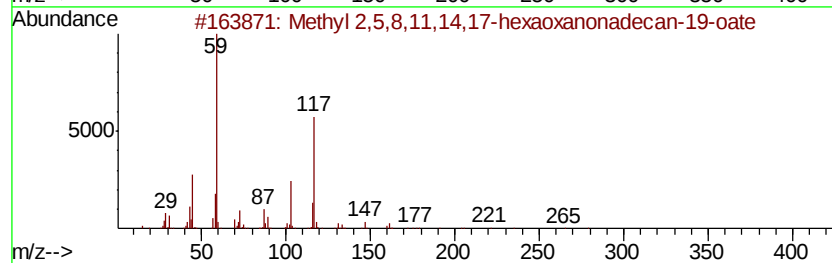
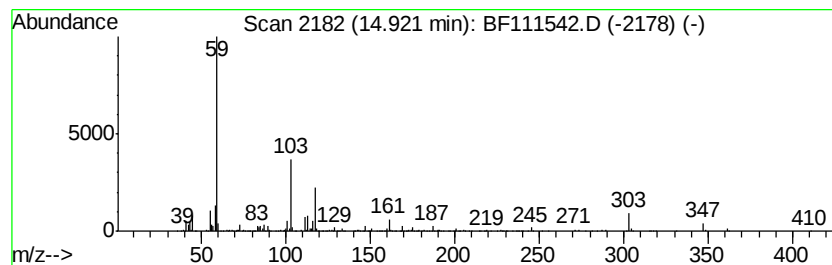
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Methyl 2,5,8,11,14,17-hexao... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	16.99 ng	942631	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl 2,5,8,11,14,17-hexaoxonon...	324	C14H28O8	1000366-81-4	53
2		Methane, diethoxy-	104	C5H12O2	000462-95-3	52
3		2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	50
4		Propanol, 1-(butoxymethylethoxy)m...	248	C13H28O4	055934-93-5	42
5		Methyl 2,5,8,11,14,17,20,23,26-n...	456	C20H40O11	1000366-81-1	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
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ClientSampleId :
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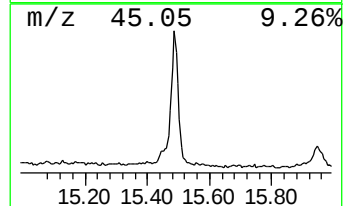
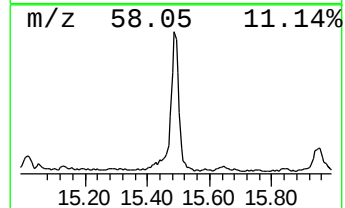
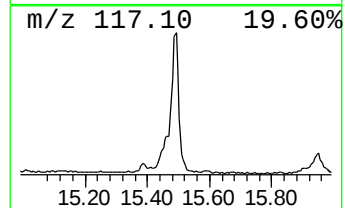
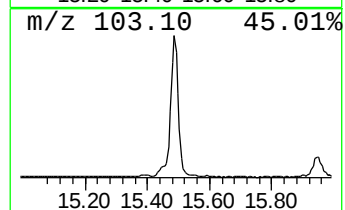
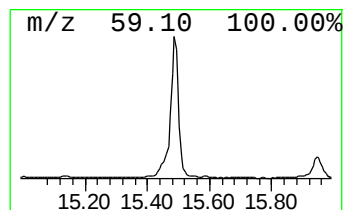
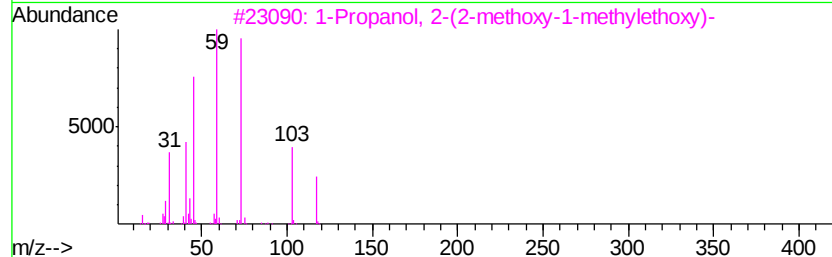
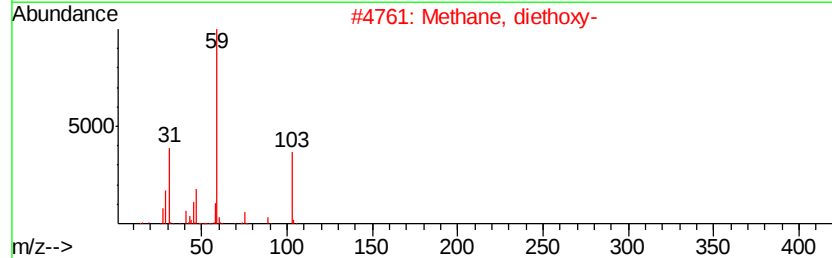
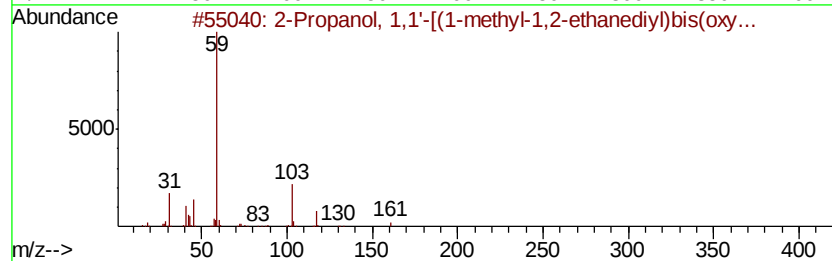
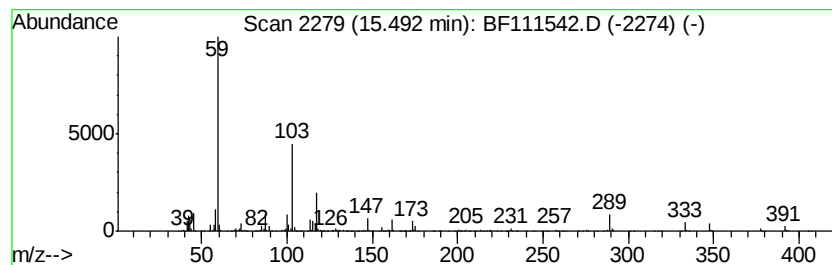
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2-Propanol, 1,1'-[(1-methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	46.63 ng	2587000	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	64
2		Methane, diethoxy-	104	C5H12O2	000462-95-3	59
3		1-Propanol, 2-(2-methoxy-1-methyl...	148	C7H16O3	055956-21-3	53
4		2-Propanol, 1-[(2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	40
5		1-(1-tert-Butoxypropan-2-yloxy)p...	190	C10H22O3	132739-31-2	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111542.D
Acq On : 17 Dec 2018 16:45
Operator : JU/SJ
Sample : J6440-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMP-2

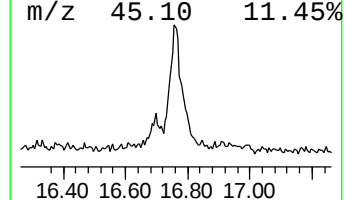
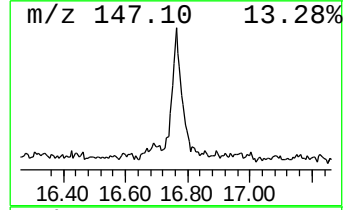
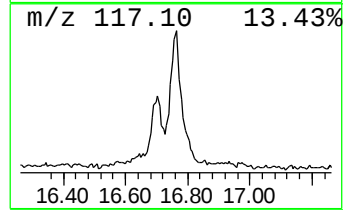
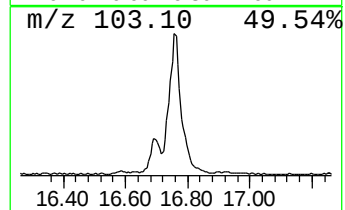
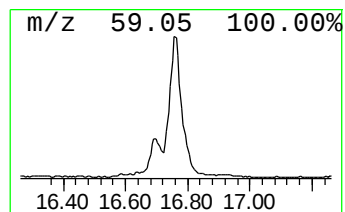
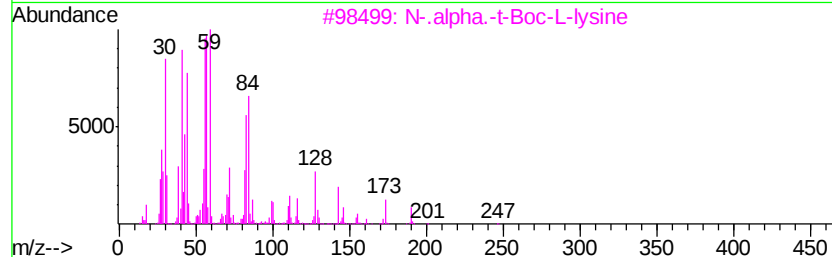
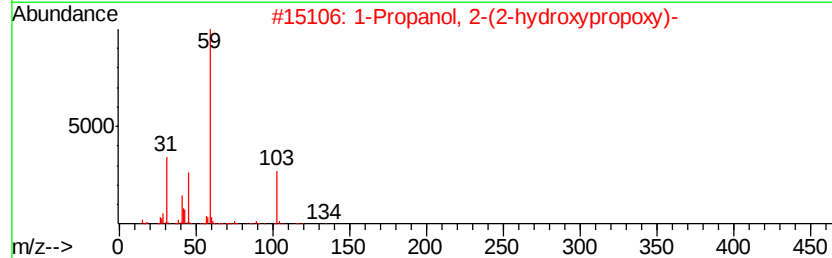
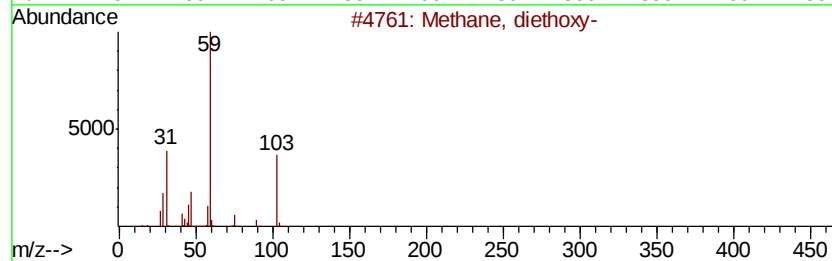
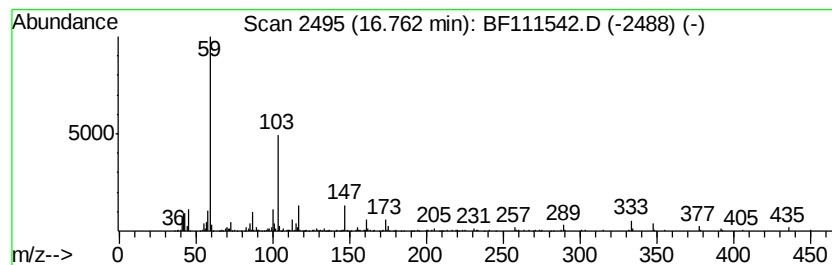
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Methane, diethoxy- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	19.52 ng	1082760	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methane, diethoxy-	104	C5H12O2	000462-95-3	58
2		1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
3		N-.alpha.-t-Boc-L-lysine	246	C11H22N2O4	013734-28-6	50
4		2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	47
5		2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
 Data File : BF111542.D
 Acq On : 17 Dec 2018 16:45
 Operator : JU/SJ
 Sample : J6440-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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
2-Pentanone, 4-hy...	5.00	31.2	ng	1549280	1	6.79	992214	20.0
unknown5.63	5.63	24.9	ng	1234740	1	6.79	992214	20.0
Ethylene glycol m...	5.75	29.6	ng	1470390	1	6.79	992214	20.0
Hexylene glycol	5.98	27.2	ng	1348060	1	6.79	992214	20.0
unknown6.57	6.57	74.5	ng	3698540	1	6.79	992214	20.0
Hexanoic acid, 2-...	7.53	23.5	ng	1509720	2	8.07	1286550	20.0
Ethanol, 2-(2-but...	7.99	49.1	ng	3156470	2	8.07	1286550	20.0
Phenol, p-tert-bu...	8.66	20.5	ng	1317030	2	8.07	1286550	20.0
unknown12.59	12.59	31.0	ng	2712000	4	11.31	1749040	20.0
Octadecanoic acid	12.63	29.6	ng	1689820	5	13.94	1140910	20.0
2-methyloctacosane	13.04	20.0	ng	1139300	5	13.94	1140910	20.0
unknown13.79	13.79	51.7	ng	2948240	5	13.94	1140910	20.0
Heptacosane	13.85	24.0	ng	1369070	5	13.94	1140910	20.0
2-Bromotetradecane	14.46	19.3	ng	1101110	5	13.94	1140910	20.0
Methyl 2,5,8,11,1...	14.92	17.0	ng	942631	6	15.39	1109590	20.0
2-Propanol, 1,1'-...	15.49	46.6	ng	2587000	6	15.39	1109590	20.0
Methane, diethoxy-	16.76	19.5	ng	1082760	6	15.39	1109590	20.0