

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\
 Data File : BF096976.D
 Acq On : 22 Jul 2017 7:52
 Operator : SJ/JU
 Sample : I4363-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-COMB-3

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:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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	2.651	108	113	121	rVV	33579	58477	3.70%	0.212%
2	4.081	349	356	362	rVB4	54209	156329	9.88%	0.566%
3	4.704	458	462	468	rBV	53055	64364	4.07%	0.233%
4	4.840	477	485	494	rBV	64546	82319	5.20%	0.298%
5	5.098	526	529	539	rBV	210616	219275	13.86%	0.794%
6	5.175	539	542	552	rVB	66343	76281	4.82%	0.276%
7	5.422	560	584	587	rBV	111485	488218	30.85%	1.767%
8	6.234	714	722	723	rBV	121960	127052	8.03%	0.460%
9	6.275	727	729	733	rVV	125590	104707	6.62%	0.379%
10	6.316	733	736	738	rVV	79251	79688	5.04%	0.288%
11	6.334	738	739	748	rVB	120145	113394	7.17%	0.410%
12	6.492	763	766	770	rVB	87165	70125	4.43%	0.254%
13	6.557	773	777	780	rBV	862920	745275	47.10%	2.697%
14	6.710	800	803	808	rBV2	1521543	1582374	100.00%	5.727%
15	6.981	843	849	851	rBV	937438	877927	55.48%	3.177%
16	7.004	851	853	860	rVB2	57505	69989	4.42%	0.253%
17	7.116	868	872	876	rBV	642767	576292	36.42%	2.086%
18	7.275	894	899	902	rBV3	49676	63207	3.99%	0.229%
19	7.304	902	904	910	rVV	122740	112941	7.14%	0.409%
20	7.533	938	943	946	rVB	810007	672802	42.52%	2.435%
21	7.586	946	952	955	rBV	556763	448406	28.34%	1.623%
22	7.622	955	958	961	rBV	771572	598142	37.80%	2.165%
23	7.698	967	971	975	rBV	131062	122871	7.76%	0.445%
24	7.757	975	981	984	rBV2	490622	524593	33.15%	1.899%
25	7.839	991	995	1000	rBV	1214725	1079981	68.25%	3.909%
26	7.928	1006	1010	1013	rVB	74539	69385	4.38%	0.251%
27	7.963	1013	1016	1017	rBV	65629	51003	3.22%	0.185%
28	7.975	1017	1018	1021	rVV	64679	51258	3.24%	0.186%
29	8.016	1021	1025	1028	rVV2	294472	276619	17.48%	1.001%
30	8.445	1093	1098	1103	rVV2	804661	731170	46.21%	2.646%
31	8.545	1111	1115	1117	rVV	161448	193880	12.25%	0.702%
32	8.563	1117	1118	1121	rVV2	138144	120326	7.60%	0.435%
33	8.633	1127	1130	1132	rVV	70882	68152	4.31%	0.247%
34	8.686	1136	1139	1142	rVB	144776	122188	7.72%	0.442%

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Integrator: RTE

Smoothing : ON

Sampling : 1

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Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.798	1155	1158	1160	rVV2	52167	53629	3.39%	0.194%
36	8.839	1160	1165	1167	rVV3	43133	67309	4.25%	0.244%
37	8.880	1170	1172	1175	rVV	304950	268386	16.96%	0.971%
38	8.916	1175	1178	1181	rVV	1111208	966042	61.05%	3.496%
39	9.027	1192	1197	1201	rVV2	80203	90422	5.71%	0.327%
40	9.116	1209	1212	1215	rBV	109884	83224	5.26%	0.301%
41	9.204	1221	1227	1231	rBV	571642	517530	32.71%	1.873%
42	9.316	1243	1246	1248	rVV	294302	252286	15.94%	0.913%
43	9.345	1248	1251	1256	rVB	260329	246290	15.56%	0.891%
44	9.410	1256	1262	1266	rBV	459380	362302	22.90%	1.311%
45	9.586	1288	1292	1295	rVV	815529	751151	47.47%	2.719%
46	9.698	1306	1311	1321	rVB3	152002	236131	14.92%	0.855%
47	9.922	1346	1349	1355	rBV2	372356	483619	30.56%	1.750%
48	10.010	1361	1364	1366	rBV	75060	58806	3.72%	0.213%
49	10.033	1366	1368	1372	rVV	61311	51282	3.24%	0.186%
50	10.080	1373	1376	1380	rVV	216894	190900	12.06%	0.691%
51	10.257	1401	1406	1407	rVV2	69414	81752	5.17%	0.296%
52	10.280	1407	1410	1411	rVV	357454	307523	19.43%	1.113%
53	10.304	1411	1414	1417	rVV	949128	853955	53.97%	3.091%
54	10.374	1422	1426	1429	rVV3	62481	70710	4.47%	0.256%
55	10.404	1429	1431	1435	rVV	168496	176009	11.12%	0.637%
56	10.439	1435	1437	1439	rVV	128929	108813	6.88%	0.394%
57	10.457	1439	1440	1443	rVV	77817	53014	3.35%	0.192%
58	10.504	1446	1448	1454	rVV	109871	124597	7.87%	0.451%
59	10.574	1455	1460	1462	rVV2	41302	66257	4.19%	0.240%
60	10.869	1507	1510	1514	rVV	121713	104197	6.58%	0.377%
61	10.916	1514	1518	1521	rVV2	59930	62680	3.96%	0.227%
62	10.951	1521	1524	1527	rVV	69040	66652	4.21%	0.241%
63	11.057	1538	1542	1552	rBV2	575764	683800	43.21%	2.475%
64	11.127	1552	1554	1560	rVV3	37624	57056	3.61%	0.207%
65	11.245	1568	1574	1579	rVV	303840	276118	17.45%	0.999%
66	11.616	1633	1637	1640	rBV	296288	289586	18.30%	1.048%
67	11.645	1640	1642	1645	rVV	72971	78653	4.97%	0.285%
68	11.916	1685	1688	1694	rVB	54112	73209	4.63%	0.265%
69	12.045	1707	1710	1715	rVB	64097	66749	4.22%	0.242%
70	12.121	1720	1723	1726	rVV2	52069	51455	3.25%	0.186%
71	12.304	1751	1754	1755	rBV	239374	224168	14.17%	0.811%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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72	12.327	1755	1758	1765	rVV	534636	653323	41.29%	2.365%
73	12.404	1767	1771	1773	rVV	136414	167807	10.60%	0.607%
74	12.427	1773	1775	1779	rVV2	81662	99763	6.30%	0.361%
75	12.492	1782	1786	1791	rVV2	113747	158804	10.04%	0.575%
76	12.639	1808	1811	1814	rVV	756121	682470	43.13%	2.470%
77	12.674	1814	1817	1824	rVB	481417	658146	41.59%	2.382%
78	13.045	1876	1880	1883	rBV	121575	117043	7.40%	0.424%
79	13.133	1891	1895	1901	rVB3	107405	160061	10.12%	0.579%
80	13.380	1934	1937	1943	rBV	230601	228616	14.45%	0.827%
81	13.551	1964	1966	1971	rVB	114519	118619	7.50%	0.429%
82	13.615	1974	1977	1985	rVB	106658	124955	7.90%	0.452%
83	13.686	1985	1989	1992	rBV	811114	753111	47.59%	2.726%
84	13.933	2025	2031	2037	rVV	115922	144280	9.12%	0.522%
85	14.033	2045	2048	2053	rVB2	66944	84341	5.33%	0.305%
86	14.233	2080	2082	2086	rVB	62986	64151	4.05%	0.232%
87	14.333	2096	2099	2102	rBV	73393	61553	3.89%	0.223%
88	14.445	2115	2118	2121	rBV	96338	96507	6.10%	0.349%
89	14.539	2130	2134	2137	rBV	350799	329614	20.83%	1.193%
90	14.739	2165	2168	2171	rBV	88898	99781	6.31%	0.361%
91	14.992	2208	2211	2216	rVB	94896	115355	7.29%	0.418%
92	15.051	2216	2221	2227	rBV	510498	645637	40.80%	2.337%
93	15.345	2265	2271	2275	rVB4	97996	161836	10.23%	0.586%
94	15.656	2319	2324	2333	rBV4	523536	1106600	69.93%	4.005%
95	15.809	2345	2350	2359	rBV5	168093	367196	23.21%	1.329%
96	15.974	2374	2378	2384	rVB	148501	221080	13.97%	0.800%
97	16.139	2400	2406	2413	rBV2	161442	341374	21.57%	1.236%
98	16.227	2418	2421	2426	rVB2	94508	152608	9.64%	0.552%
99	16.598	2479	2484	2491	rVB8	90654	187348	11.84%	0.678%
100	16.674	2493	2497	2505	rVB4	88059	172500	10.90%	0.624%

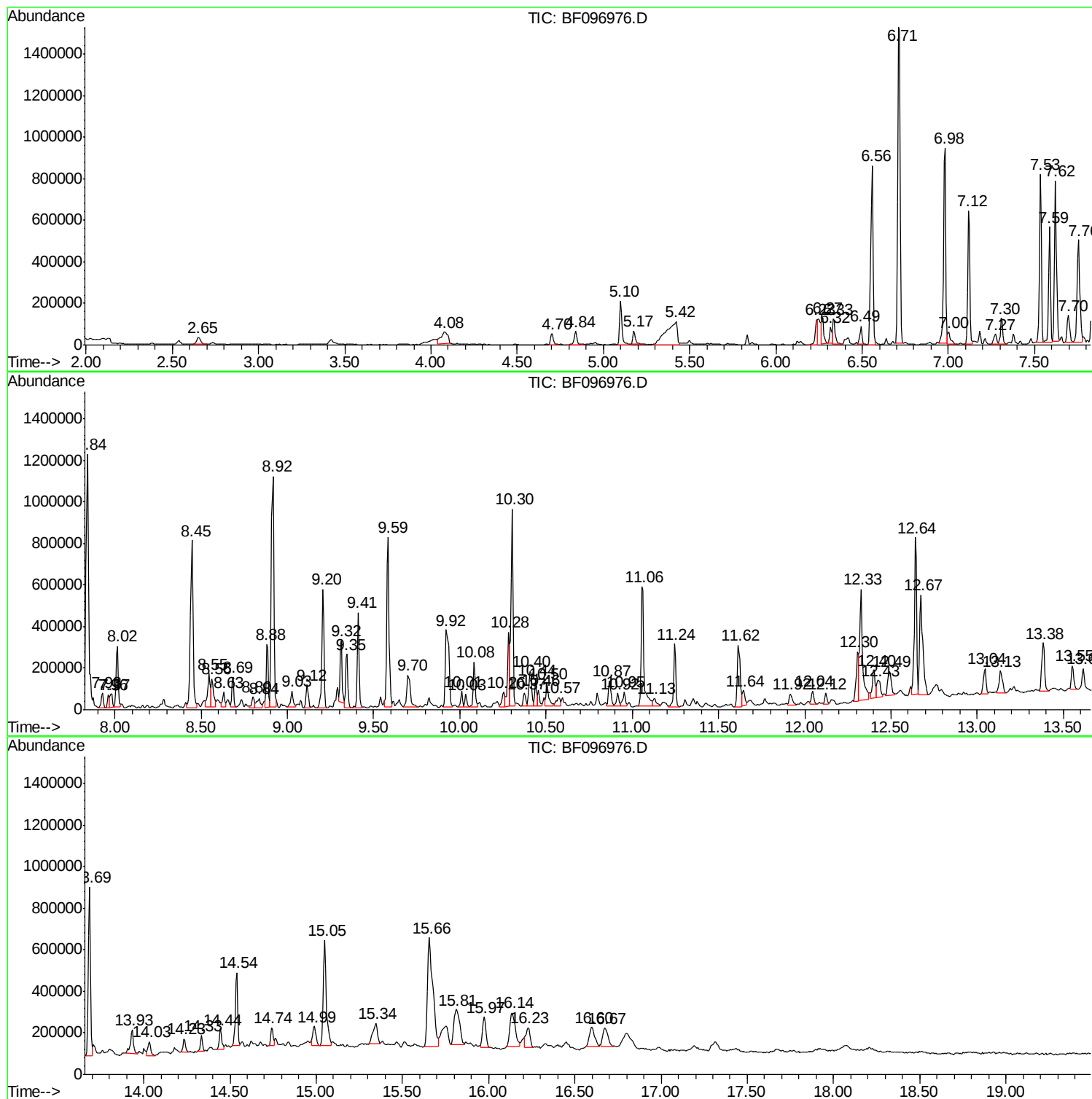
Sum of corrected areas: 27629751

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.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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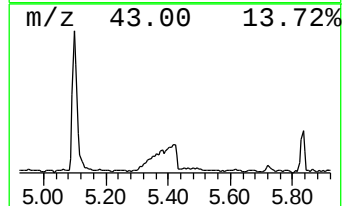
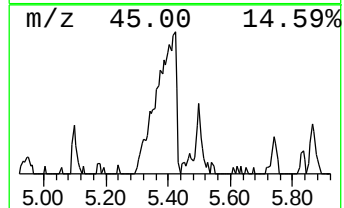
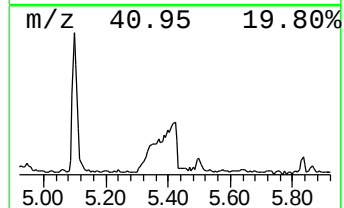
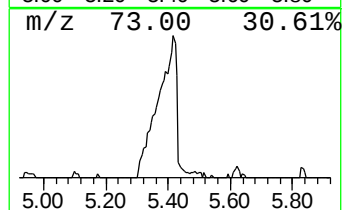
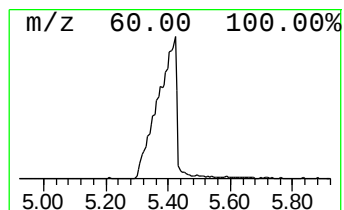
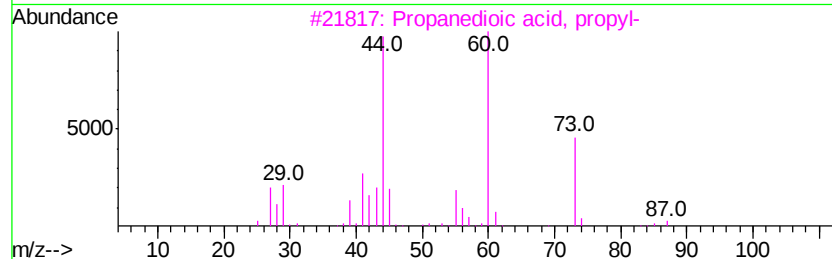
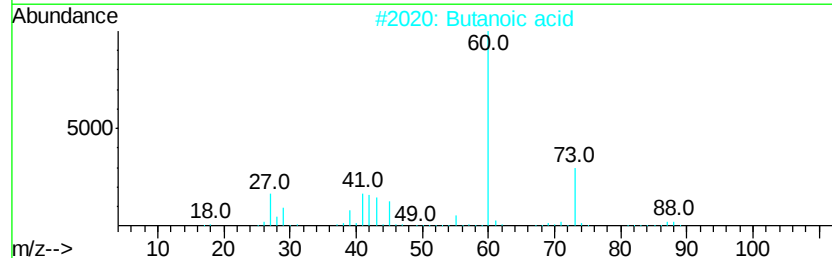
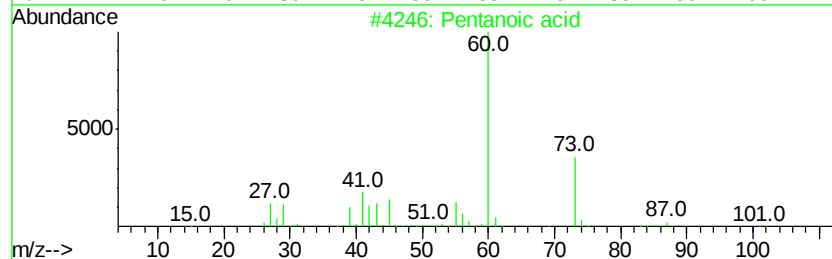
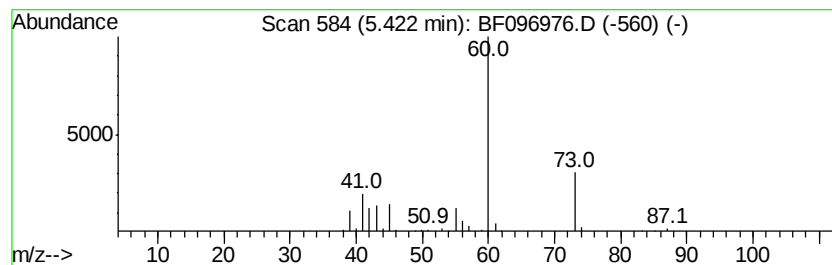
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Pentanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	13.10 ng	488218	1,4-Dichlorobenzene-d4	6.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanoic acid	102	C5H10O2	000109-52-4	90
2		Butanoic acid	88	C4H8O2	000107-92-6	78
3		Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	53
4		Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	45
5		Hexanoic acid	116	C6H12O2	000142-62-1	43



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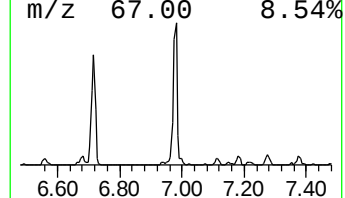
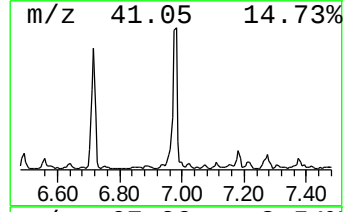
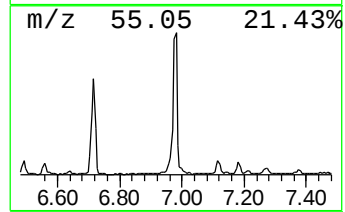
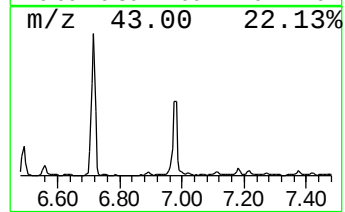
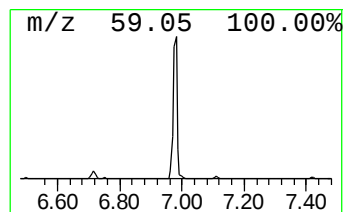
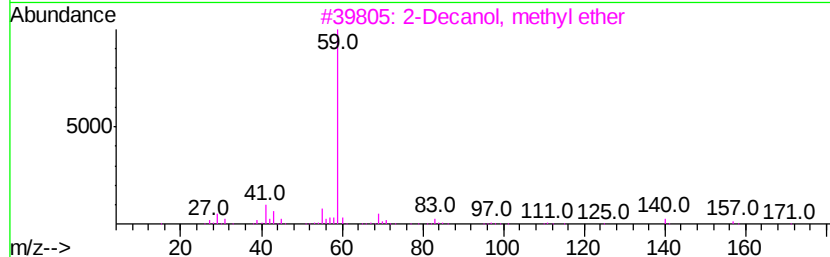
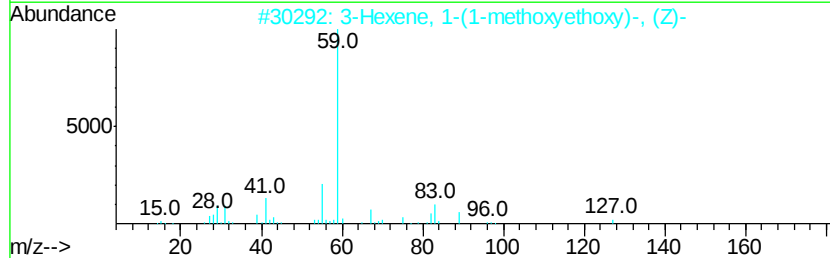
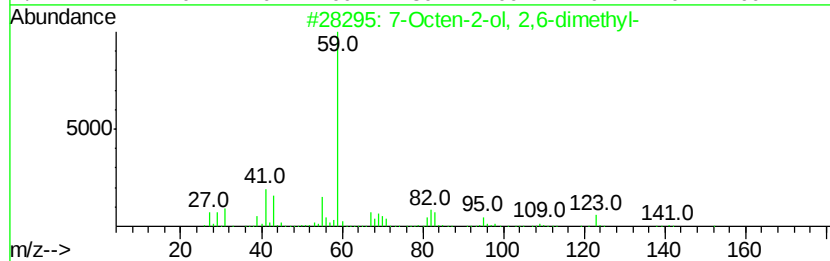
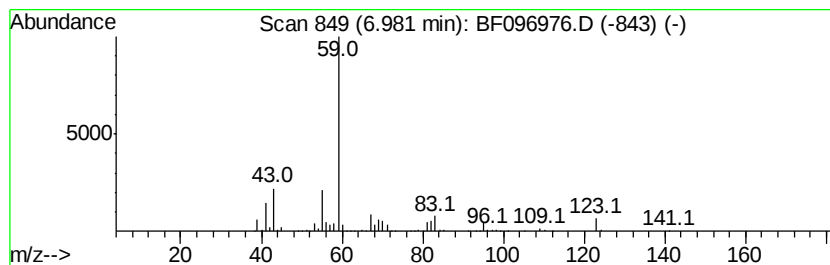
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 7-Octen-2-ol, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	23.56 ng	877927	1,4-Dichlorobenzene-d4	6.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	78
2			3-Hexene, 1-(1-methoxyethoxy)-, ...	158	C9H18O2	054340-96-4	50
3			2-Decanol, methyl ether	172	C11H24O	1000333-83-9	45
4			2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	43
5			1,7-Octanediol, 3,7-dimethyl-	174	C10H22O2	000107-74-4	40



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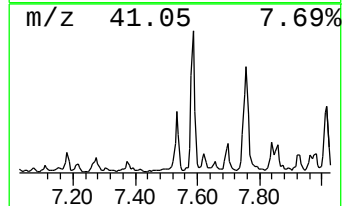
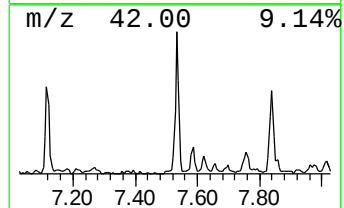
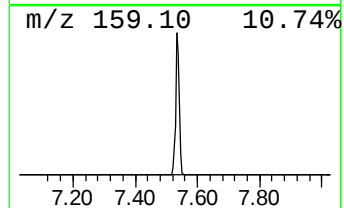
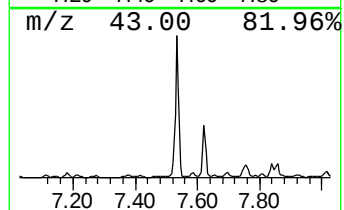
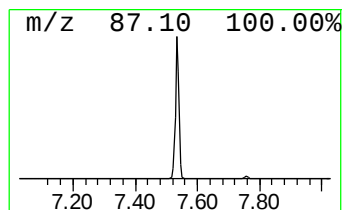
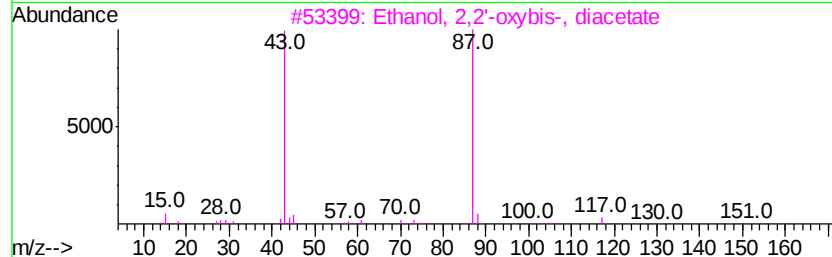
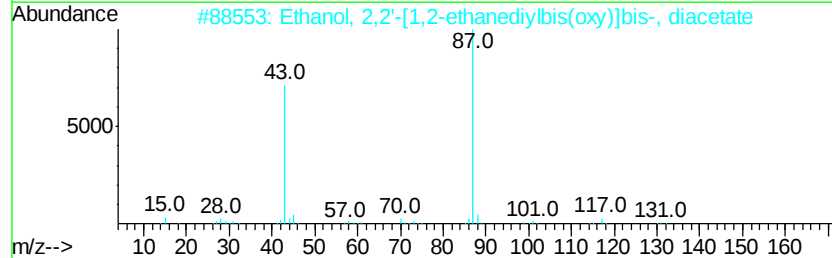
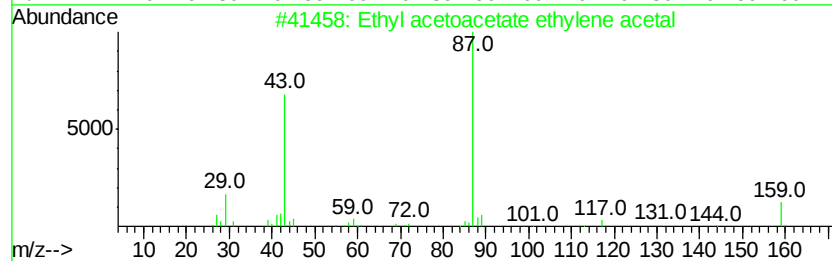
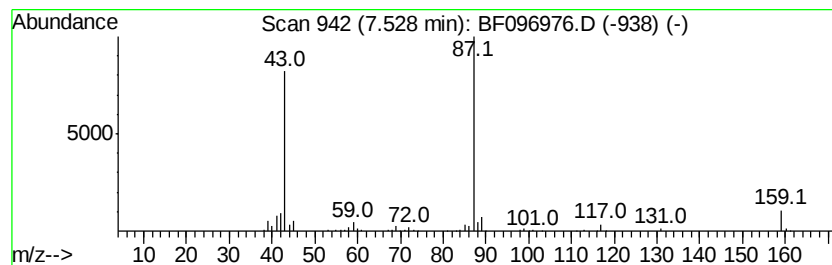
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethyl acetoacetate ethylene... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	12.46 ng	672802	Naphthalene-d8	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl acetoacetate ethylene acetal	174	C8H14O4	006413-10-1	90
2		Ethanol, 2,2'-[1,2-ethanedivlbis...	234	C10H18O6	000111-21-7	59
3		Ethanol, 2,2'-oxybis-, diacetate	190	C8H14O5	000628-68-2	59
4		2,2-Diethylacetamide	115	C6H13NO	001114-38-1	50
5		1,3-Dioxolane, 2,2-dimethyl-	102	C5H10O2	002916-31-6	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096976.D
Acq On : 22 Jul 2017 7:52
Operator : SJ/JU
Sample : I4363-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

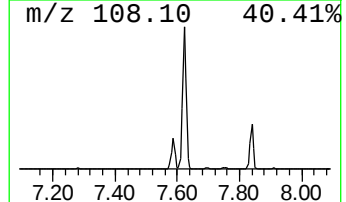
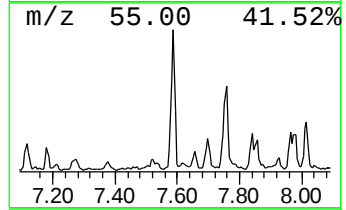
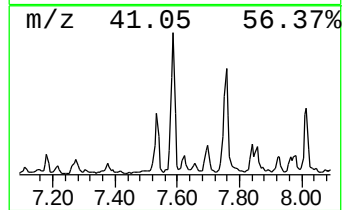
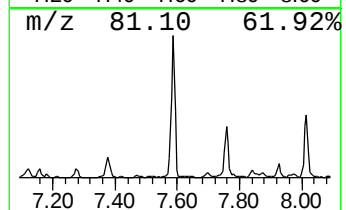
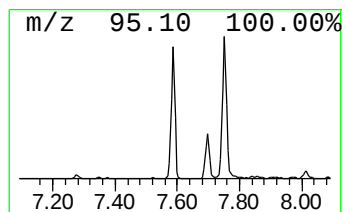
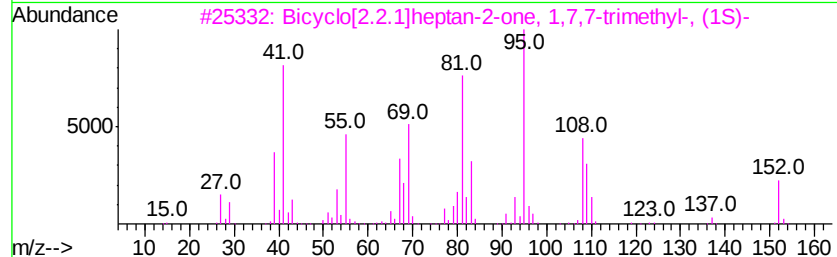
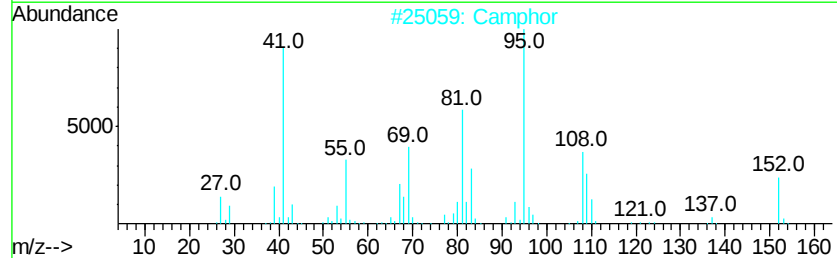
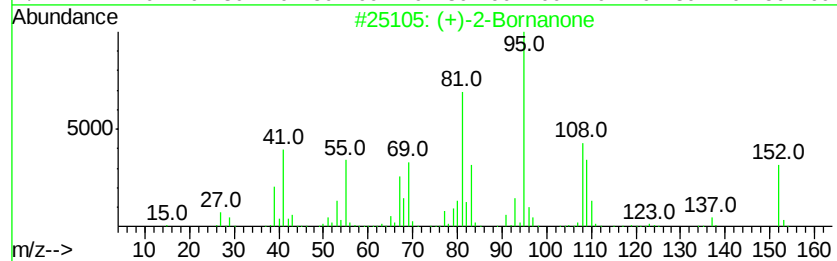
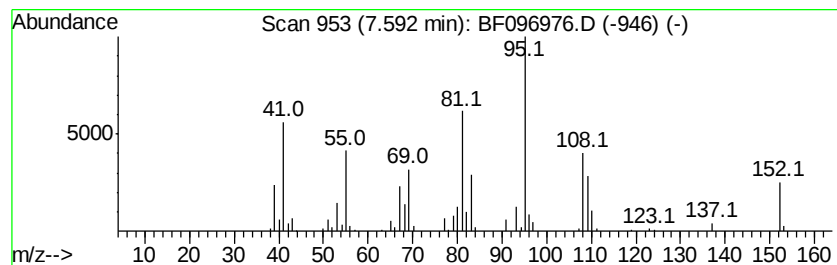
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 (+)-2-Bornanone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	8.30 ng	448406	Napthalene-d8	7.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		(+)-2-Bornanone	152 C10H16O	000464-49-3 97
2		Camphor	152 C10H16O	000076-22-2 96
3		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152 C10H16O	000464-48-2 96
4		5,7-Octadien-4-one, 2,6-dimethyl...	152 C10H16O	006752-80-3 49
5		1,4-Pentadiene, 2,3,3-trimethyl-	110 C8H14	000756-02-5 30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\
Data File : BF096976.D
Acq On : 22 Jul 2017 7:52
Operator : SJ/JU
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Instrument :
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ClientSampleId :
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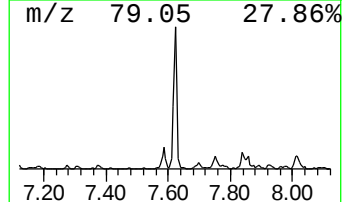
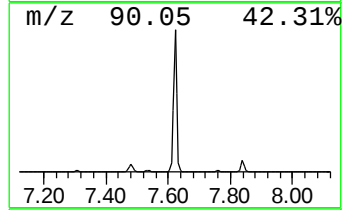
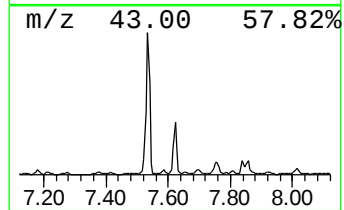
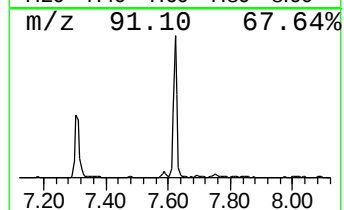
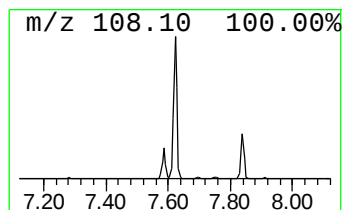
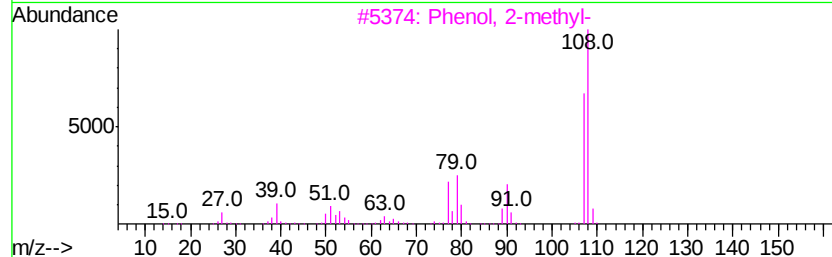
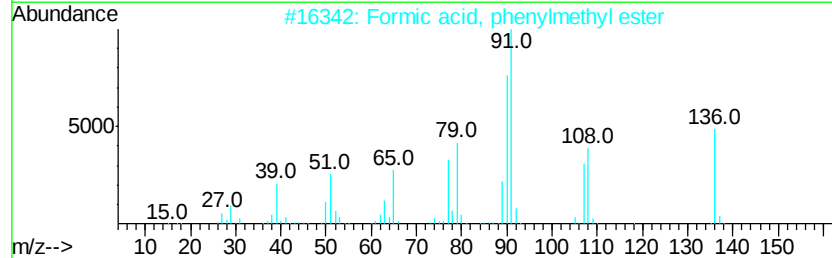
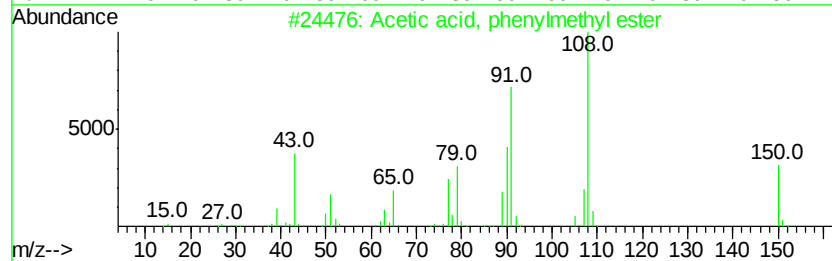
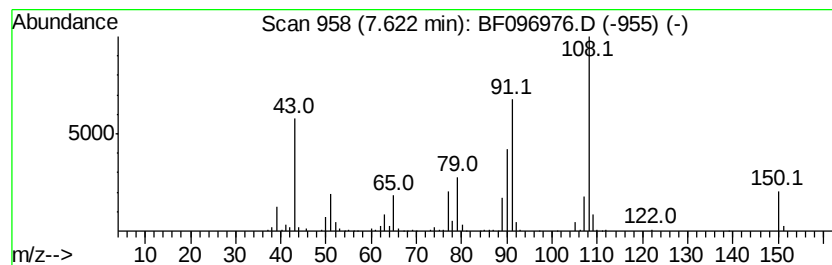
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Acetic acid, phenylmethyl e... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	11.08 ng	598142	Naphthalene-d8	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, phenylmethyl ester	150	C9H10O2	000140-11-4	95
2		Formic acid, phenylmethyl ester	136	C8H8O2	000104-57-4	53
3		Phenol, 2-methyl-	108	C7H8O	000095-48-7	53
4		Hydrazine, phenyl-	108	C6H8N2	000100-63-0	47
5		2-Acetyl-1-phenylhydrazine	150	C8H10N2O	000114-83-0	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096976.D
Acq On : 22 Jul 2017 7:52
Operator : SJ/JU
Sample : I4363-01
Misc :
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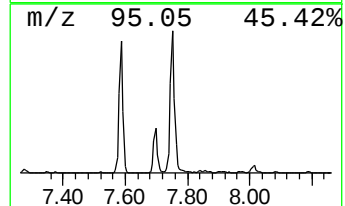
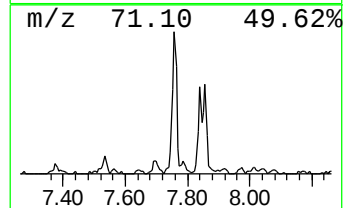
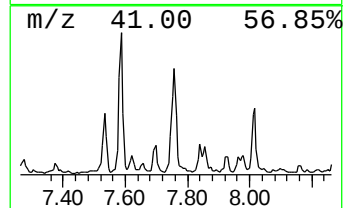
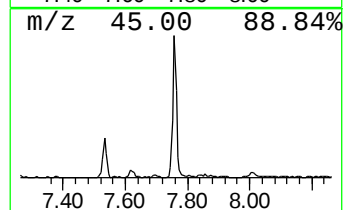
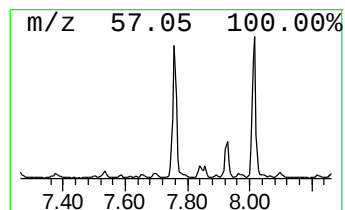
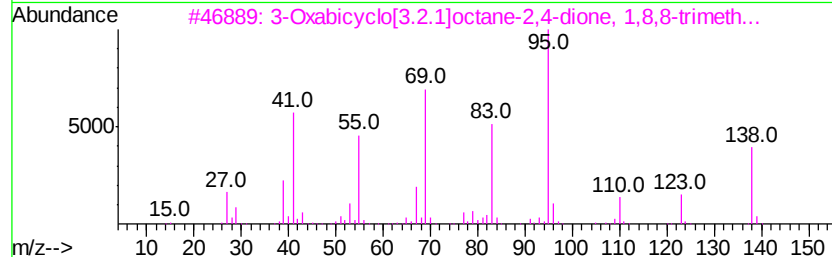
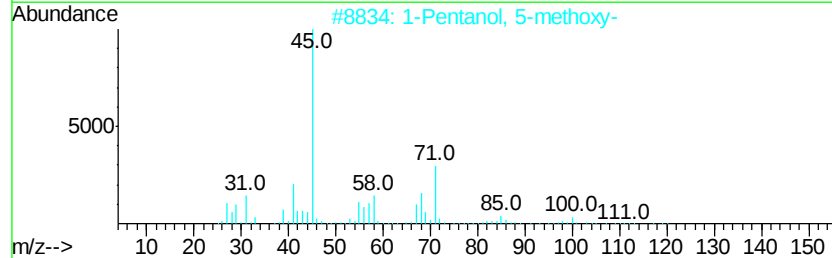
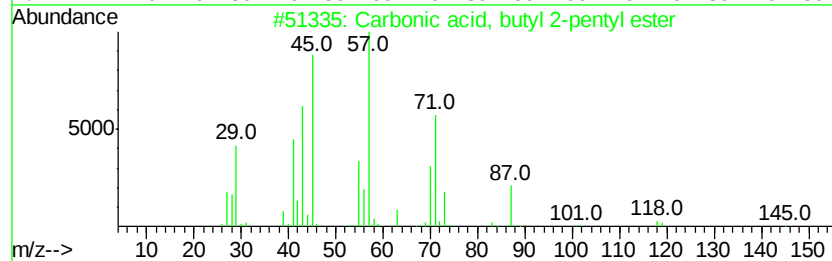
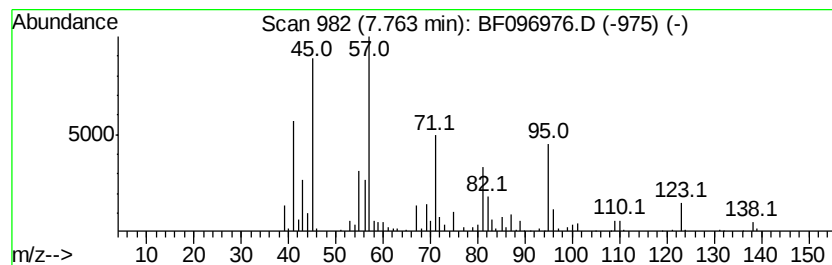
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.76 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	9.71 ng	524593	Naphthalene-d8	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbonic acid, butyl 2-pentyl ester	188	C10H20O3	1000357-84-0	43
2		1-Pentanol, 5-methoxy-	118	C6H14O2	004799-62-6	35
3		3-Oxabicyclo[3.2.1]octane-2,4-di...	182	C10H14O3	000595-31-3	27
4		2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	27
5		Methoxyacetic acid, 2-pentyl ester	160	C8H16O3	1000282-69-2	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096976.D
Acq On : 22 Jul 2017 7:52
Operator : SJ/JU
Sample : I4363-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

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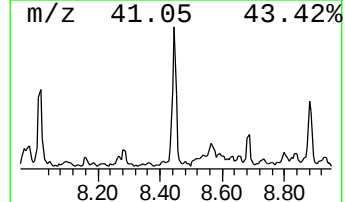
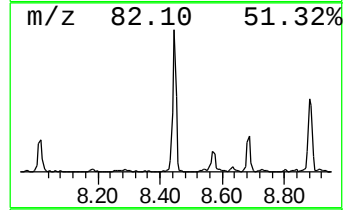
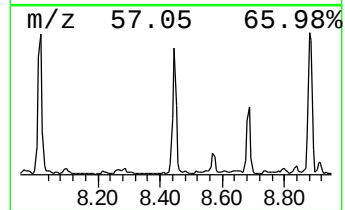
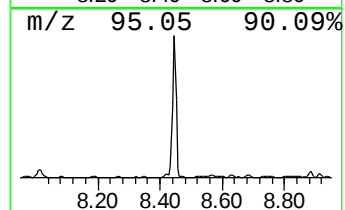
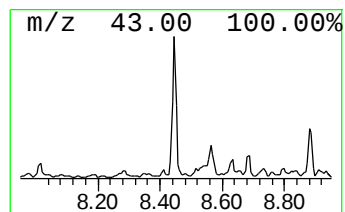
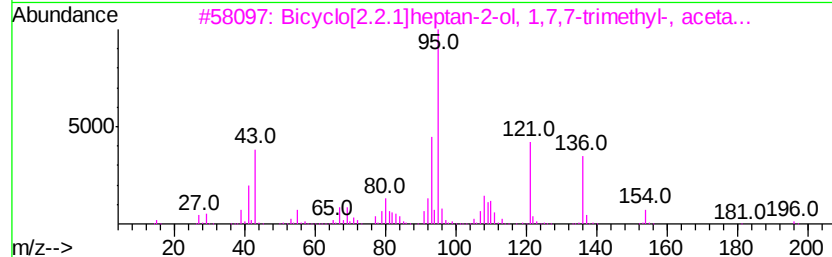
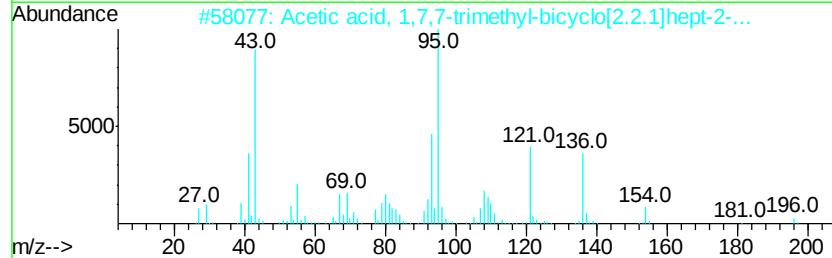
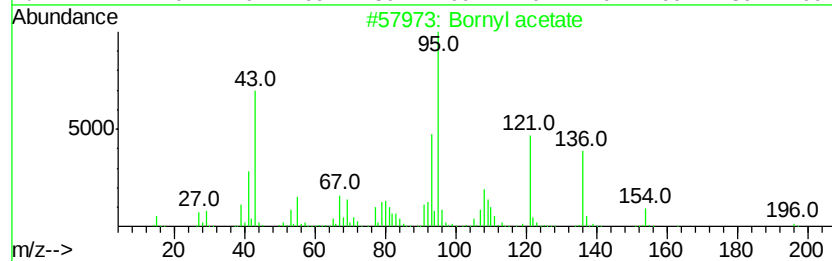
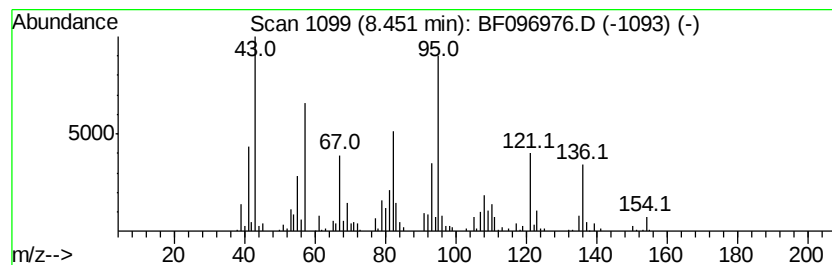
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Bornyl acetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	13.54 ng	731170	Napthalene-d8	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bornyl acetate	196	C12H20O2	000076-49-3	70
2		Acetic acid, 1,7,7-trimethyl-bic...	196	C12H20O2	092618-89-8	70
3		Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	196	C12H20O2	005655-61-8	70
4		Isobornyl acetate	196	C12H20O2	000125-12-2	53
5		Ethyl (1R,4S)-1,7,7-trimethylbic...	226	C13H22O3	1000373-77-2	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
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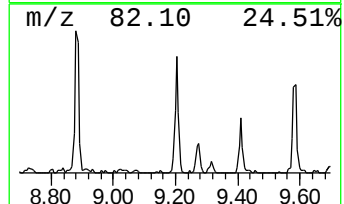
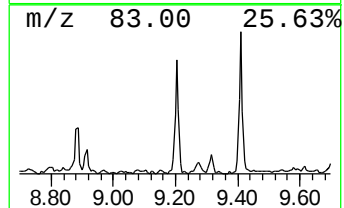
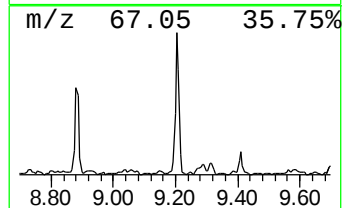
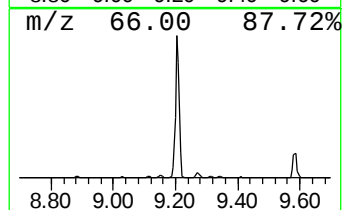
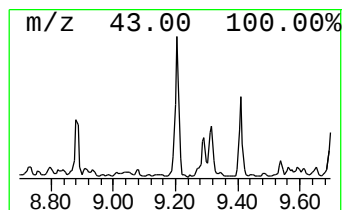
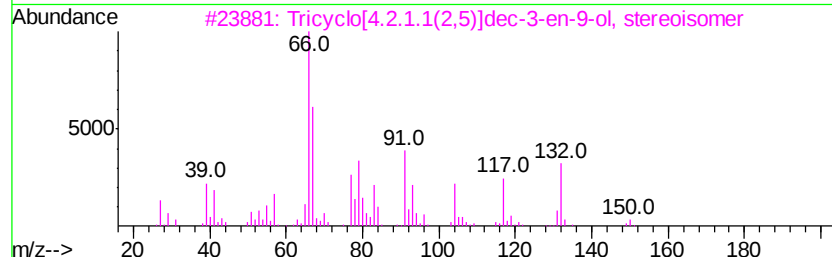
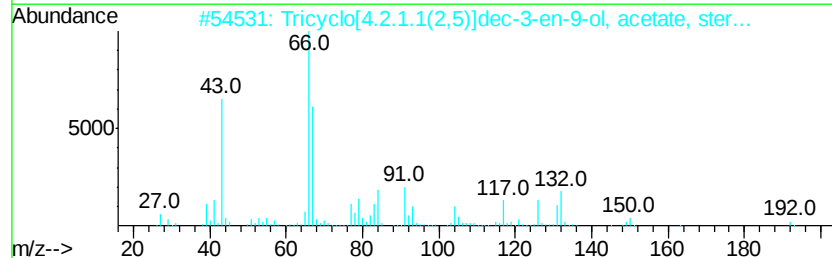
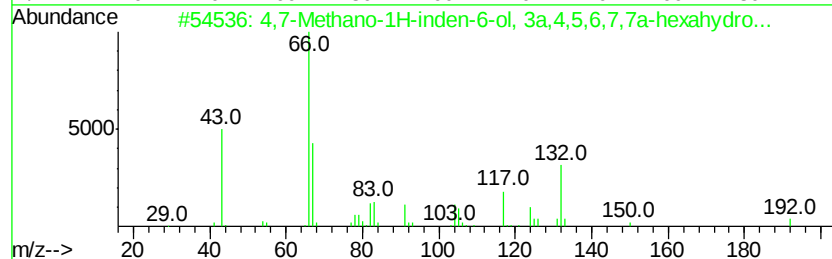
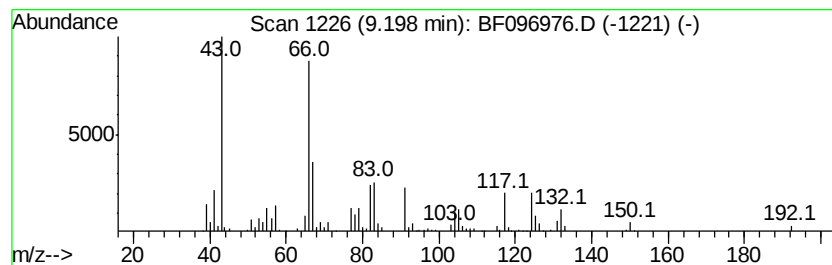
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4,7-Methano-1H-inden-6-ol, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	13.78 ng	517530	Acenaphthene-d10	9.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,7-Methano-1H-inden-6-ol, 3a,4,...	192	C12H16O2	005413-60-5	87
2		Tricyclo[4.2.1.1(2,5)]dec-3-en-9...	192	C12H16O2	119405-11-7	80
3		Tricyclo[4.2.1.1(2,5)]dec-3-en-9...	150	C10H14O	070220-93-8	74
4		Tricyclo[5.2.1.0(2,6)]dec-3-en-1...	150	C10H14O	039852-87-4	64
5		Dicyclopentadiene	132	C10H12	000077-73-6	59



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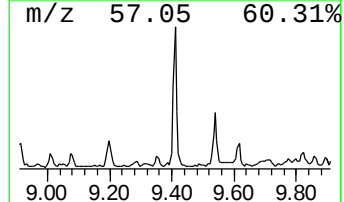
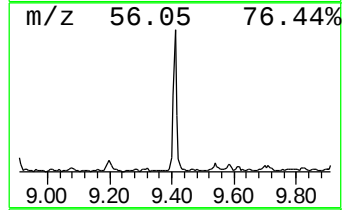
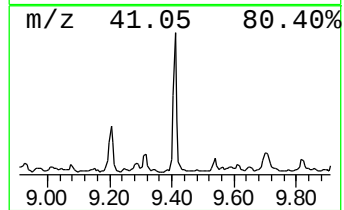
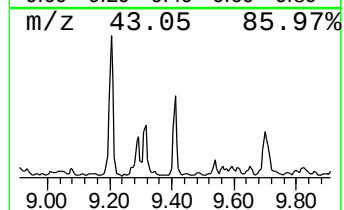
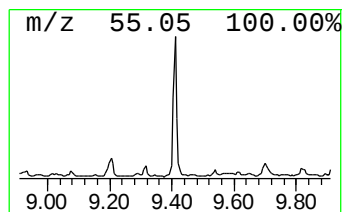
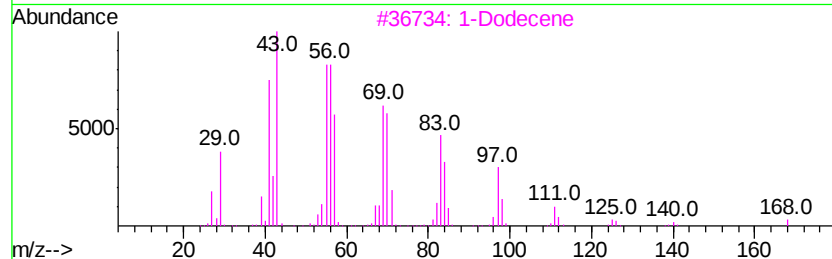
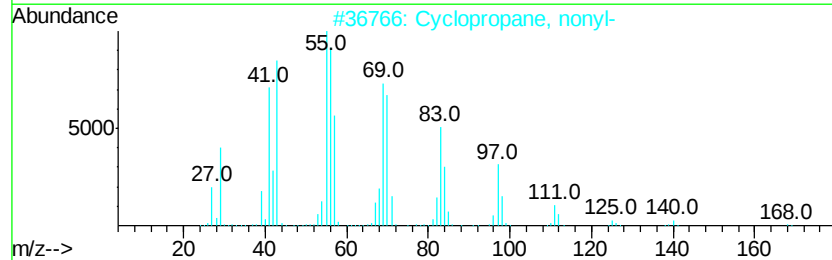
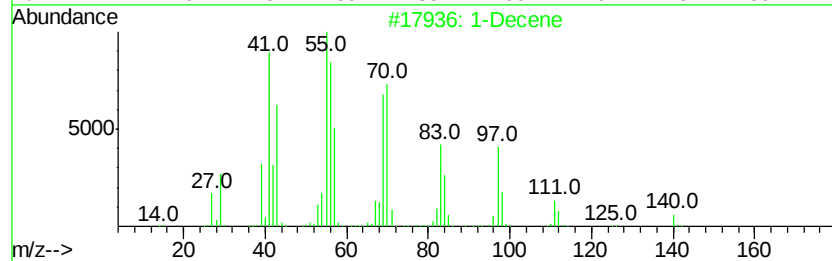
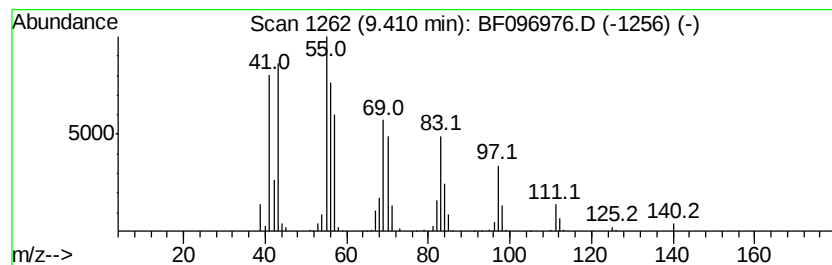
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Decene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	9.65 ng	362302	Acenaphthene-d10	9.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decene	140	C10H20	000872-05-9	94
2		Cyclopropane, nonyl-	168	C12H24	074663-85-7	91
3		1-Dodecene	168	C12H24	000112-41-4	91
4		1-Dodecanol	186	C12H26O	000112-53-8	91
5		Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	90



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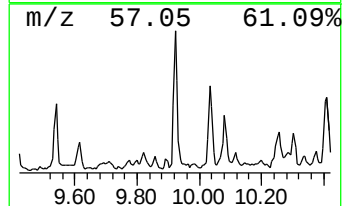
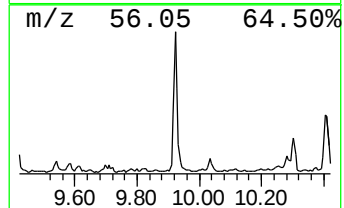
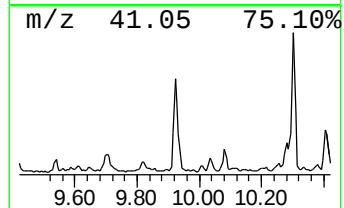
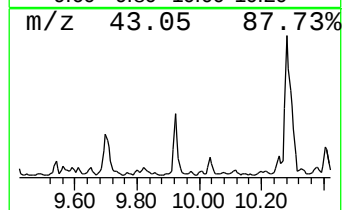
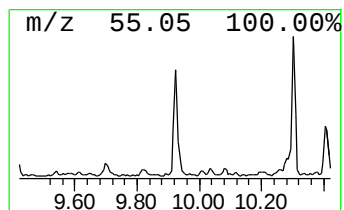
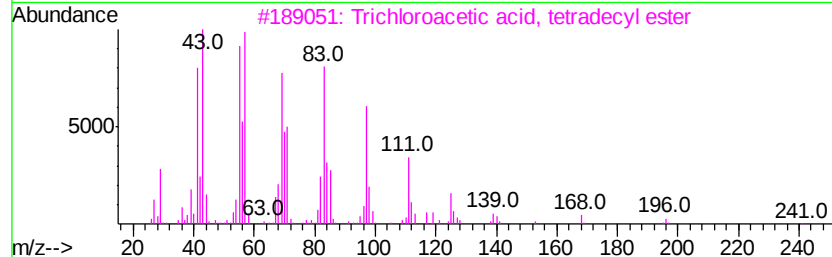
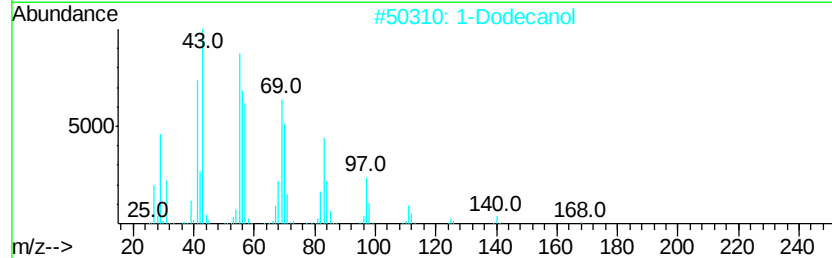
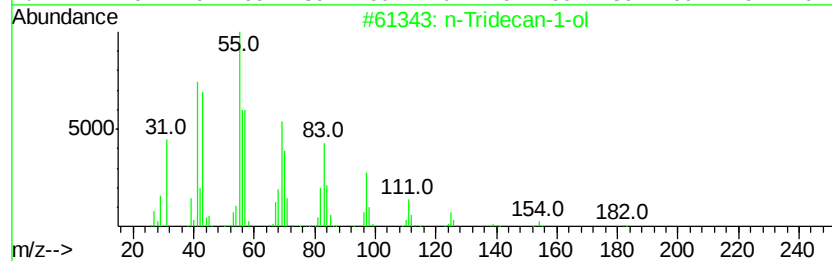
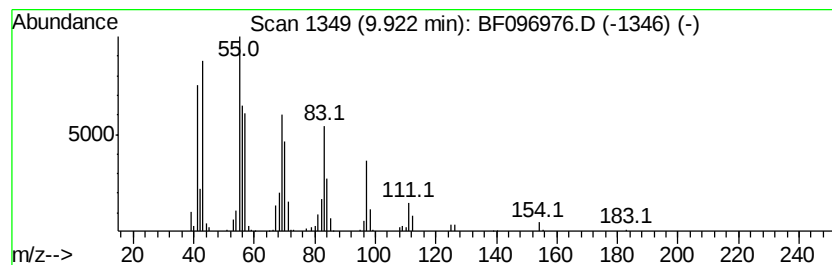
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Tridecan-1-ol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	12.88 ng	483619	Acenaphthene-d10	9.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tridecan-1-ol	200	C13H28O	000112-70-9	91
2		1-Dodecanol	186	C12H26O	000112-53-8	90
3		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90
4		6-Tridecene, (Z)-	182	C13H26	006508-77-6	87
5		Cyclododecane	168	C12H24	000294-62-2	86



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Data File : BF096976.D
Acq On : 22 Jul 2017 7:52
Operator : SJ/JU
Sample : I4363-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

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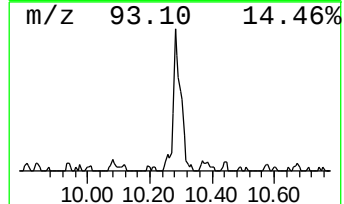
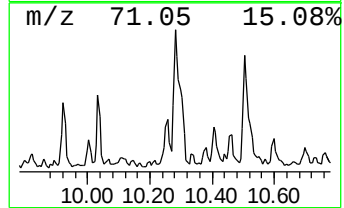
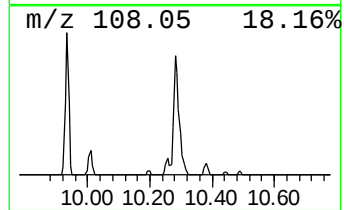
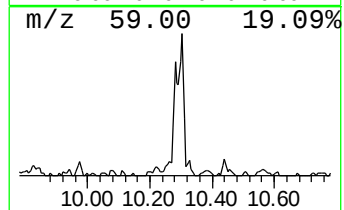
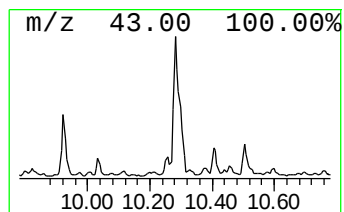
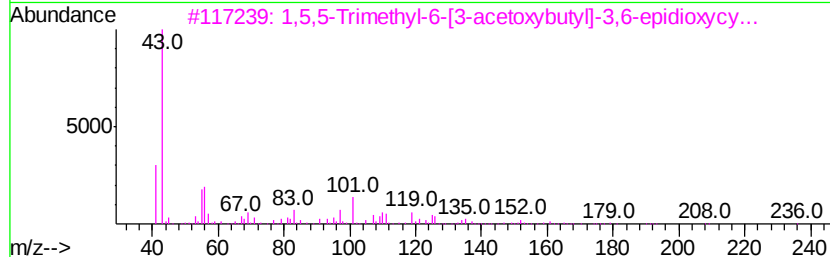
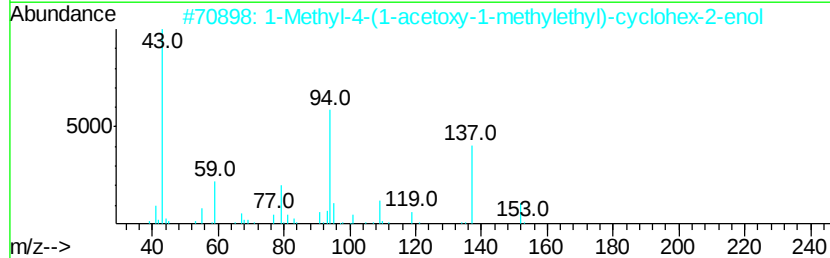
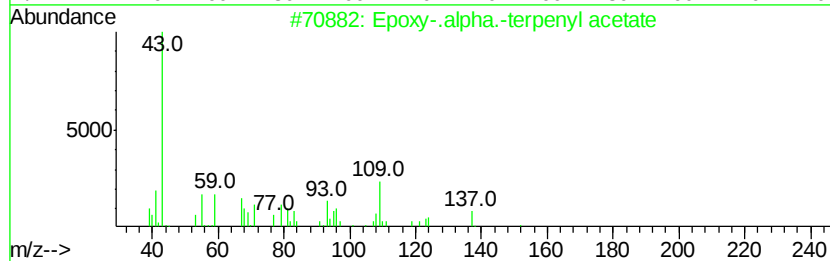
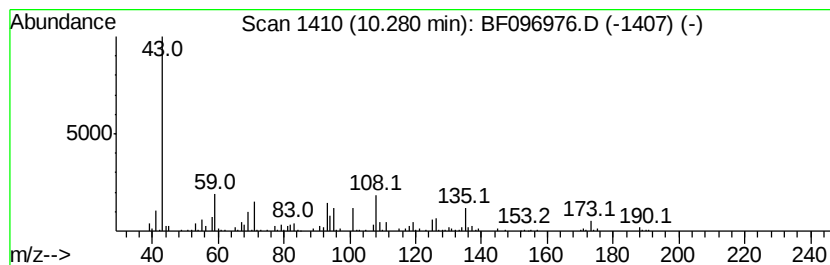
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Epoxy-.alpha.-terpenyl acetate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	8.19 ng	307523	Acenaphthene-d10	9.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Epoxy-.alpha.-terpenyl acetate	212	C12H20O3	1000293-00-8	25
2			1-Methyl-4-(1-acetoxy-1-methylet...	212	C12H20O3	1000293-01-0	17
3			1,5,5-Trimethyl-6-[3-acetoxybutyl...	268	C15H24O4	1000212-28-1	14
4			2-Butanol, 2-methyl-, acetate	130	C7H14O2	000625-16-1	12
5			.alpha.-Methyl-.alpha.-[4-methyl...	172	C10H20O2	107358-56-5	12



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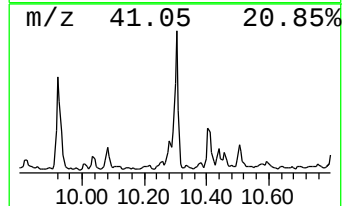
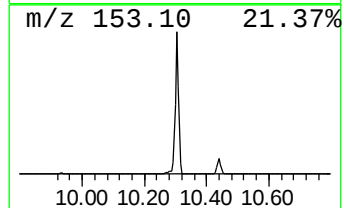
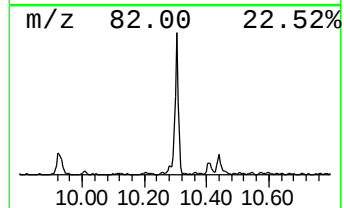
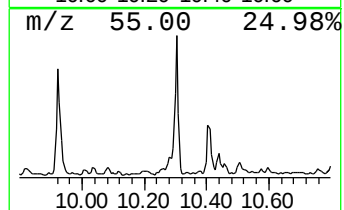
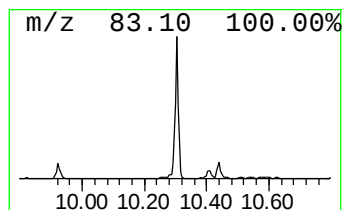
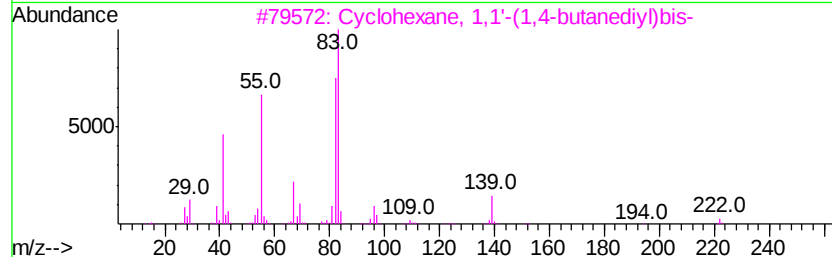
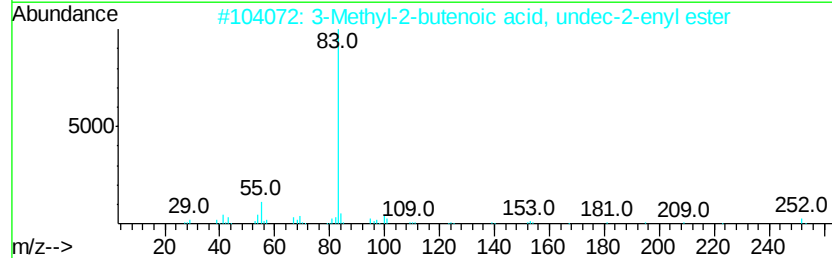
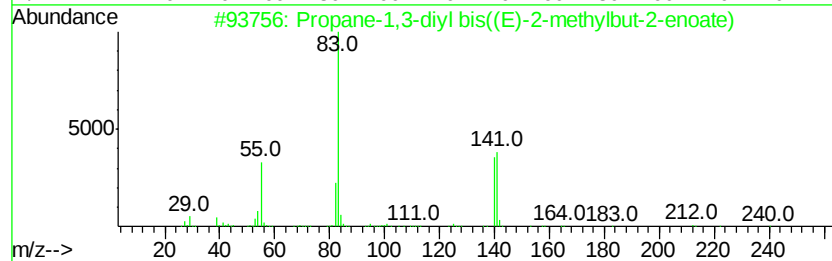
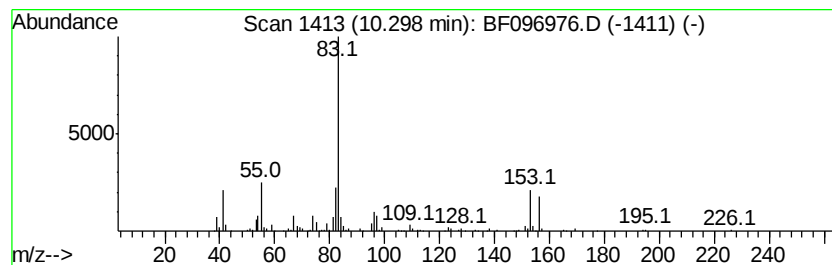
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown10.30 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	22.74 ng	853955	Acenaphthene-d10	9.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane-1,3-diyl bis((E)-2-methy...	240	C13H20O4	1000373-72-9	47
2		3-Methyl-2-butenic acid, undec-...	252	C16H28O2	1000299-31-6	43
3		Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	38
4		Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	38
5		2-Nonen-4-one, 2-methyl-	154	C10H18O	002903-23-3	38



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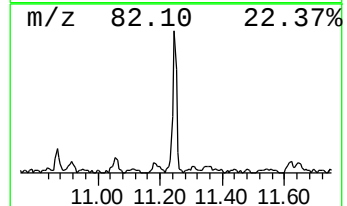
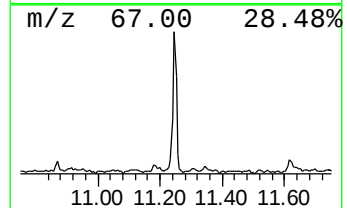
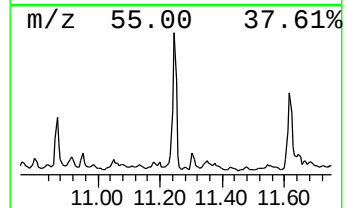
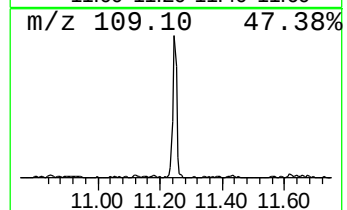
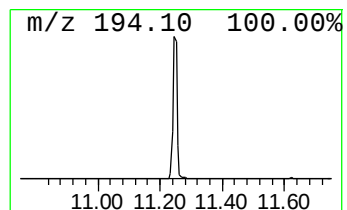
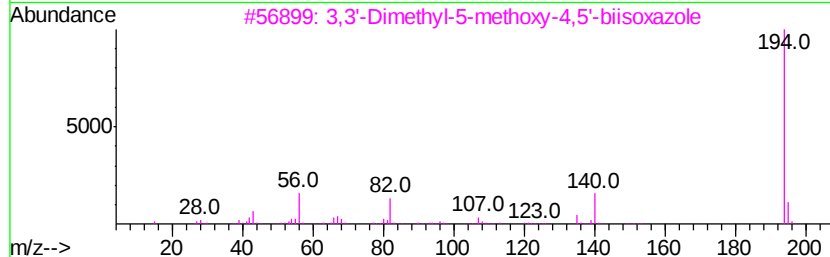
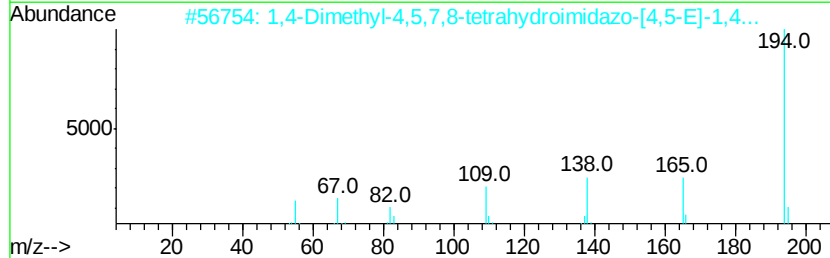
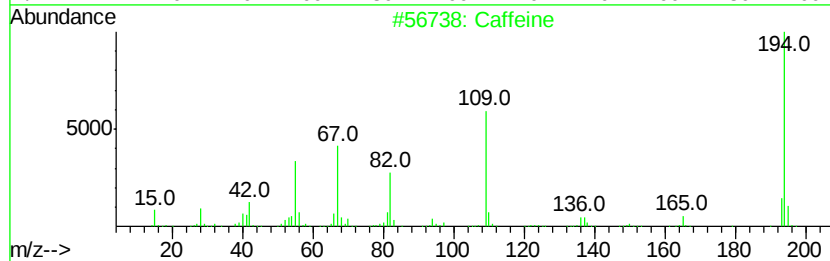
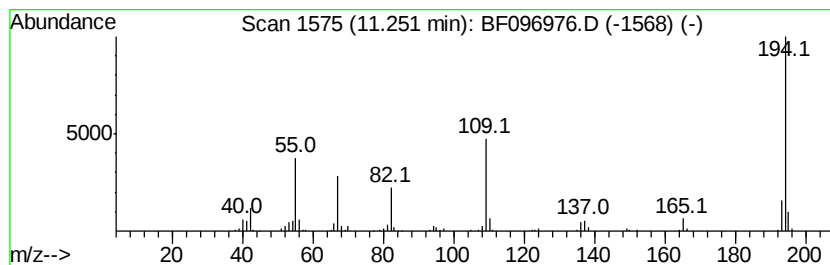
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Caffeine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.25	8.08 ng	276118	Phenanthrene-d10	11.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caffeine	194	C8H10N4O2	000058-08-2	98
2	1,4-Dimethyl-4,5,7,8-tetrahydroi...	194	C8H10N4O2	130063-15-9	40
3	3,3'-Dimethyl-5-methoxy-4,5'-bii...	194	C9H10N2O3	019668-80-5	38
4	Anthrone	194	C14H10O	000090-44-8	35
5	2H-Pyrazol-3-ol, 5-(2,5-dimethyl...	194	C9H10N2OS	1000304-22-5	32



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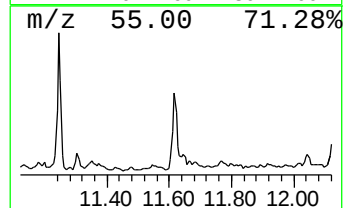
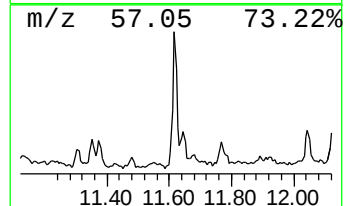
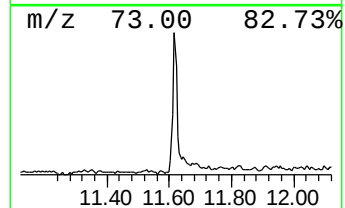
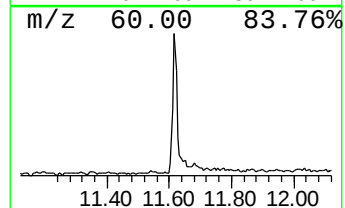
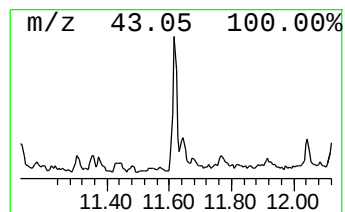
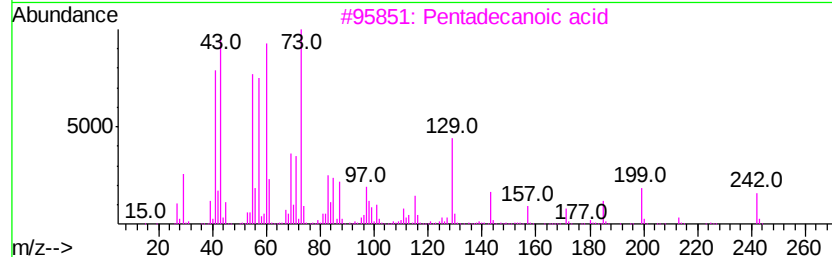
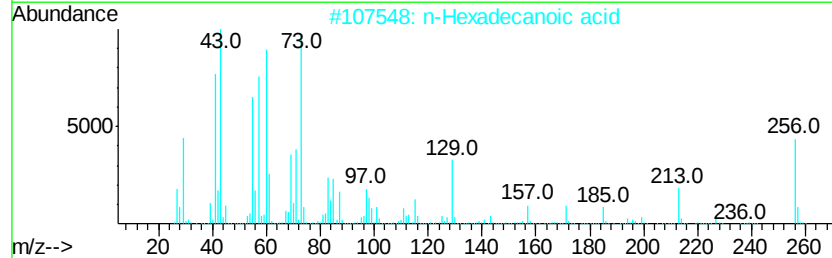
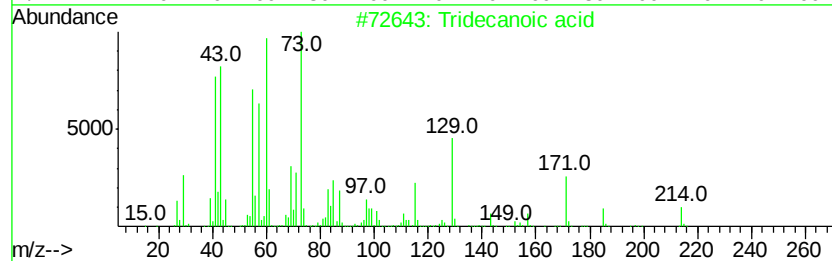
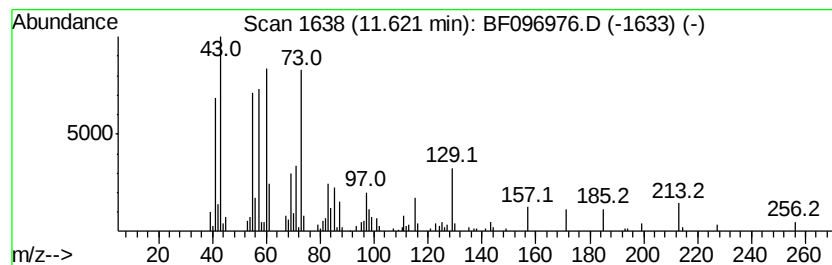
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tridecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	8.47 ng	289586	Phenanthrene-d10	11.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	95
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			n-Decanoic acid	172	C10H20O2	000334-48-5	86
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	86



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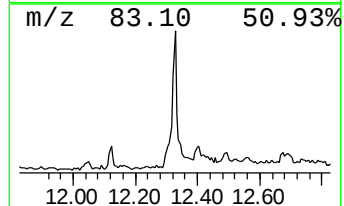
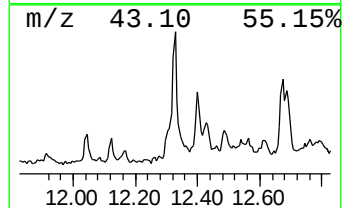
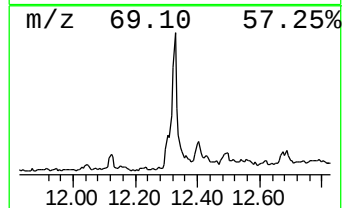
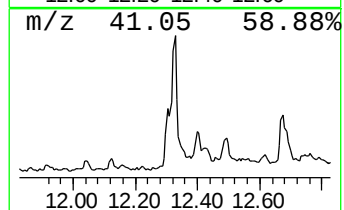
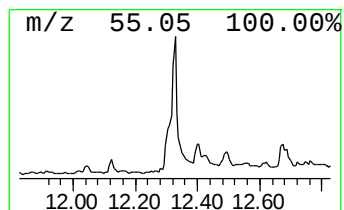
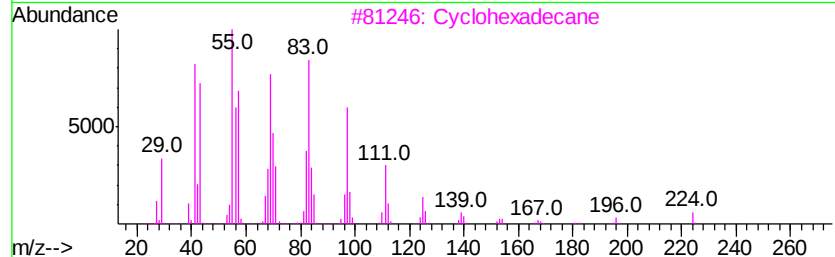
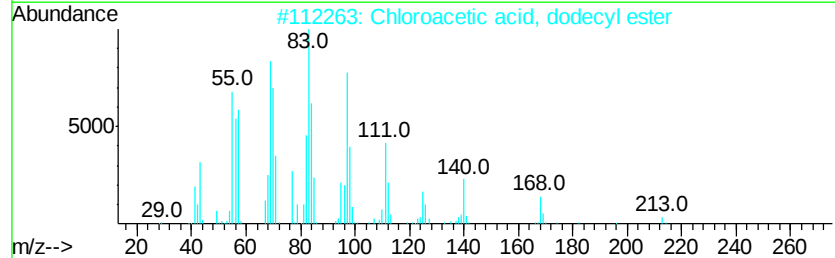
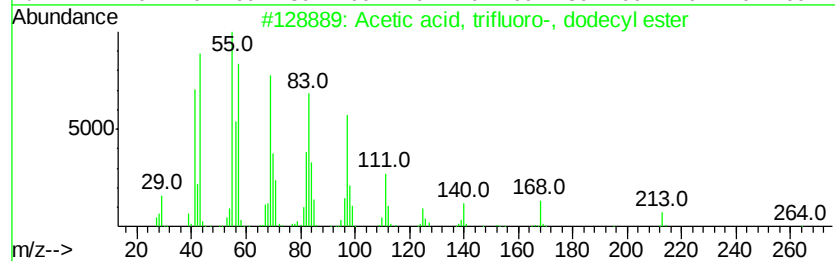
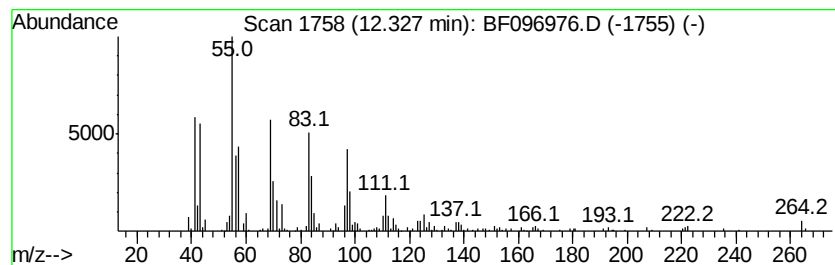
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Acetic acid, trifluoro-, do... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	19.11 ng	653323	Phenanthrene-d10	11.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	83	
2	Chloroacetic acid, dodecyl ester	262	C14H27ClO2	006316-04-7	80	
3	Cyclohexadecane	224	C16H32	000295-65-8	74	
4	Chloroacetic acid, tridecyl ester	276	C15H29ClO2	018277-85-5	72	
5	1-Hexadecanol	242	C16H34O	036653-82-4	64	



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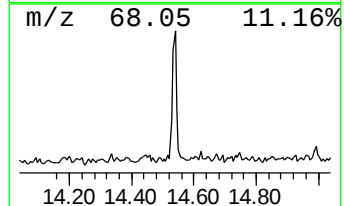
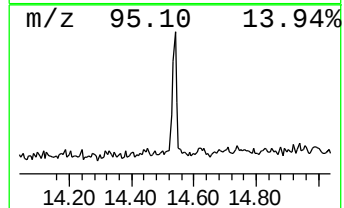
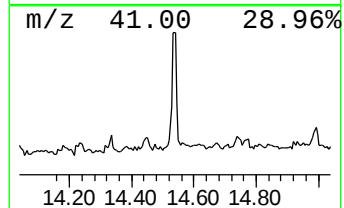
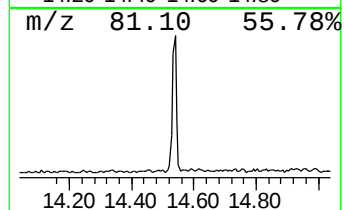
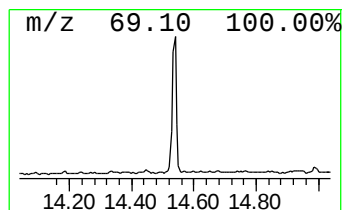
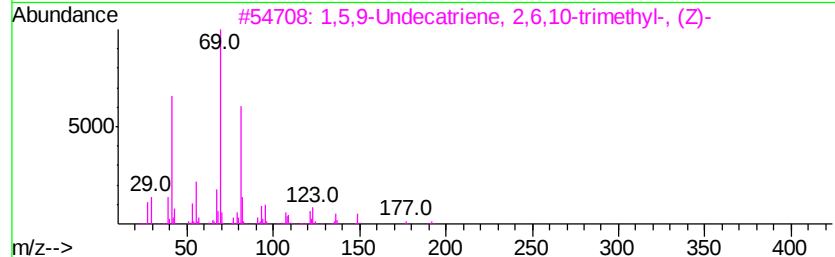
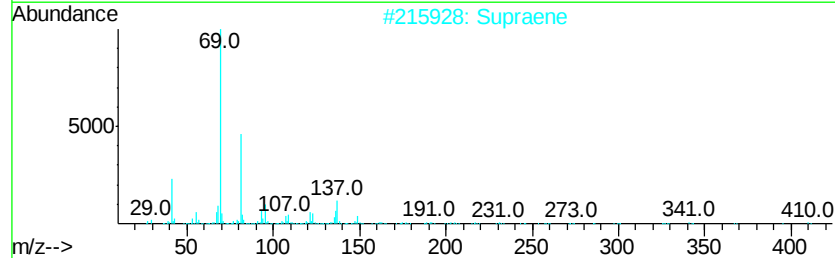
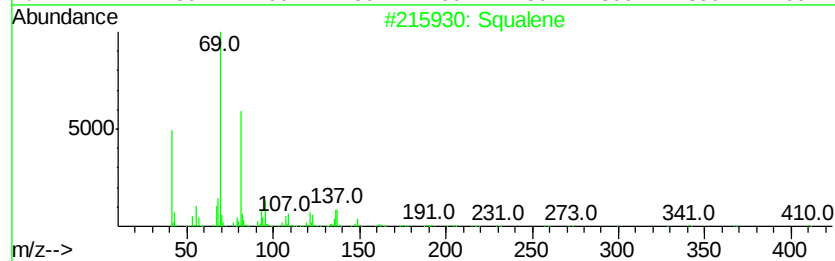
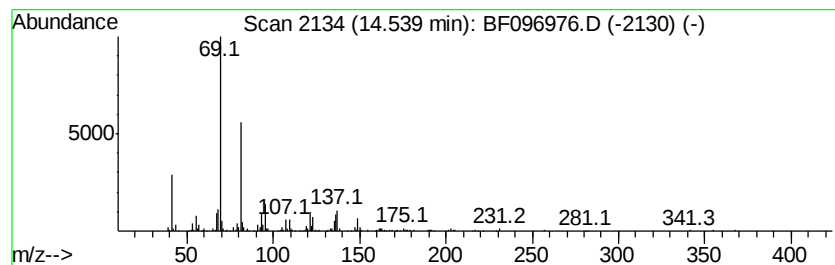
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Squalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	10.21 ng	329614	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	91
3		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	90
4		trans-Farnesol	222	C15H26O	000106-28-5	78
5		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72



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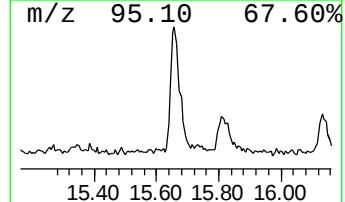
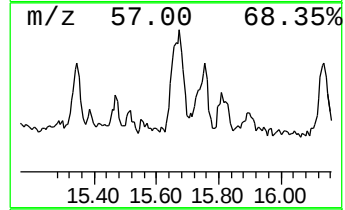
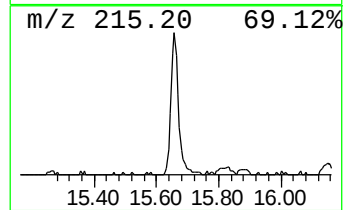
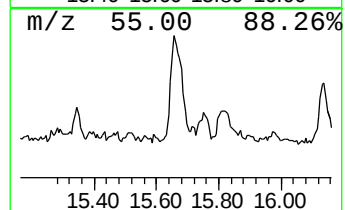
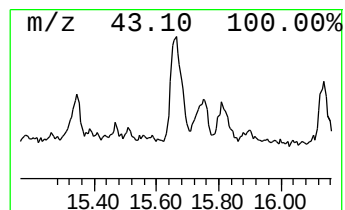
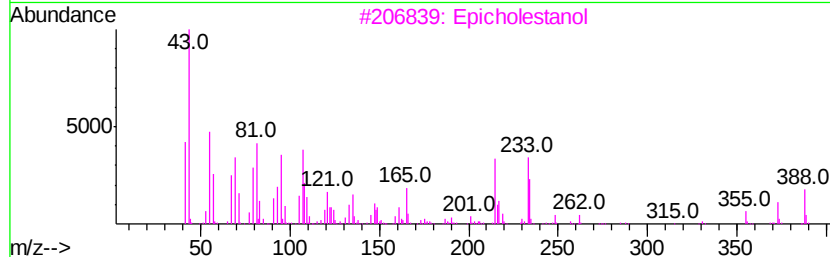
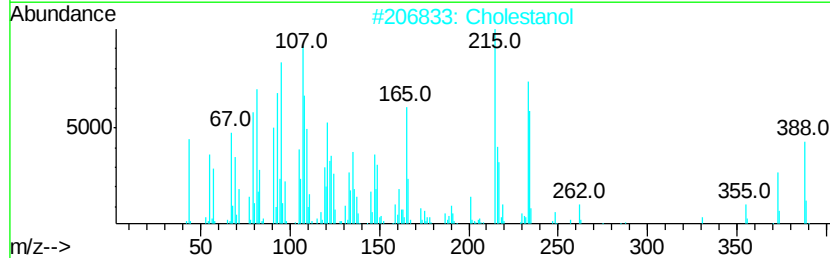
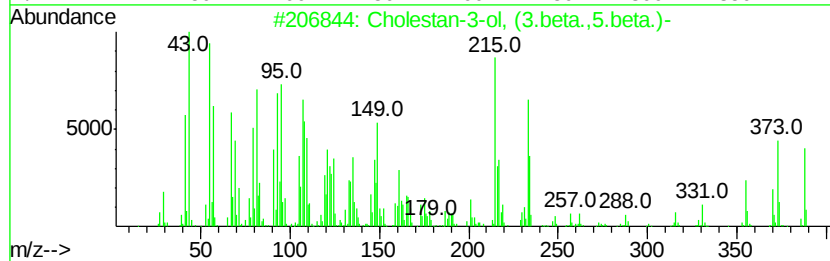
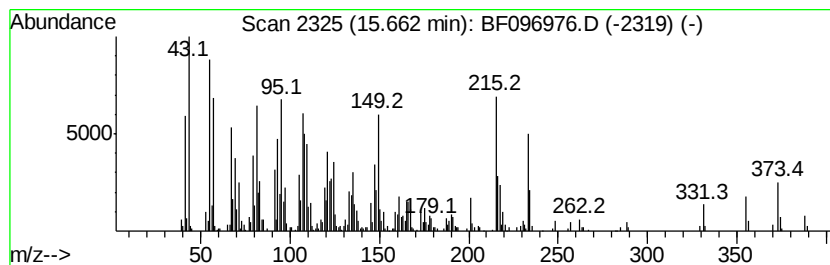
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cholestan-3-ol, (3.beta.,5.... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	34.28 ng	1106600	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	72
2		Cholestanol	388	C27H48O	000080-97-7	64
3		Epicholestanol	388	C27H48O	000516-95-0	60
4		Cholestan-3-ol	388	C27H48O	027409-41-2	59
5		trans-3-[2-Hydroxy-4-(2-methyl-2...	332	C22H36O2	1000370-41-7	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\
Data File : BF096976.D
Acq On : 22 Jul 2017 7:52
Operator : SJ/JU
Sample : I4363-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

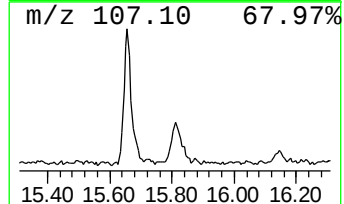
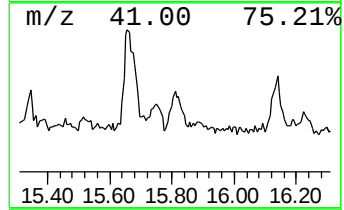
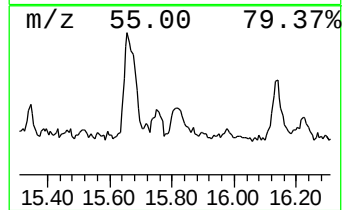
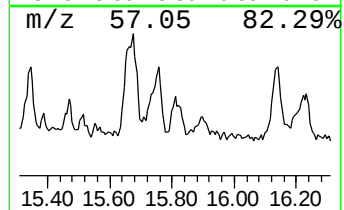
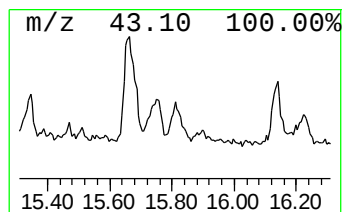
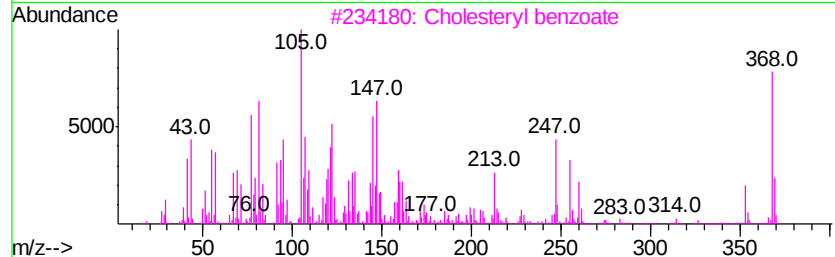
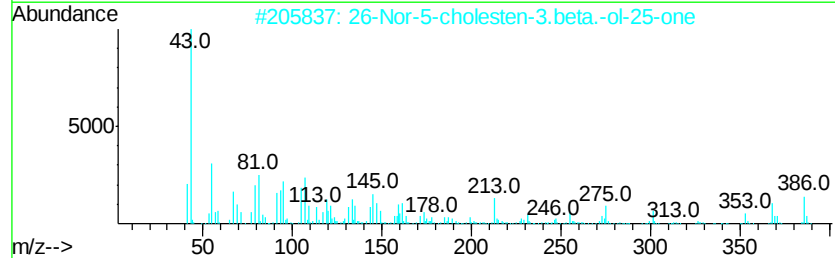
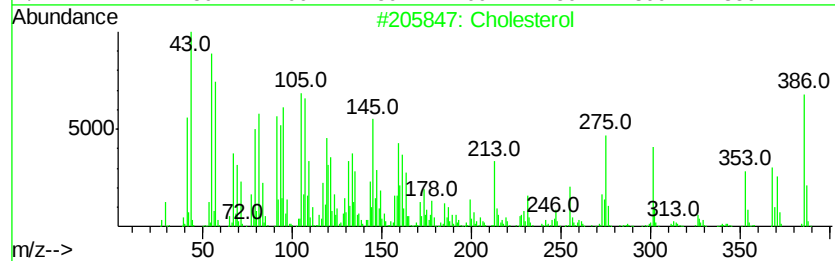
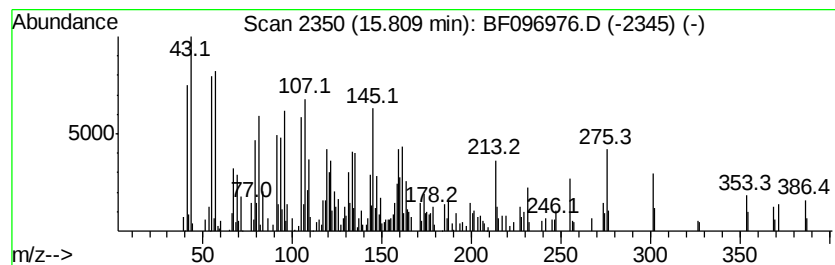
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cholesterol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.81	11.37 ng	367196	Perylene-d12	15.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholesterol	386	C27H46O	000057-88-5	99
2	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	89
3	Cholesteryl benzoate	490	C34H50O2	000604-32-0	53
4	Cholest-5-en-3-ol (3.beta.)-, te...	597	C41H72O2	001989-52-2	52
5	Cholesta-3,5-diene	368	C27H44	000747-90-0	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\
Data File : BF096976.D
Acq On : 22 Jul 2017 7:52
Operator : SJ/JU
Sample : I4363-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-COMB-3

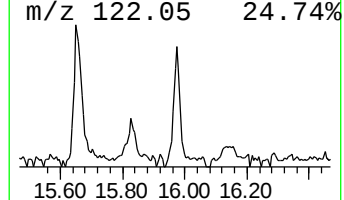
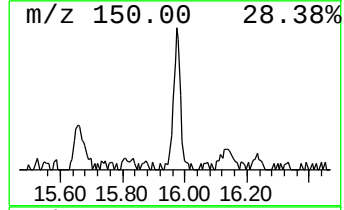
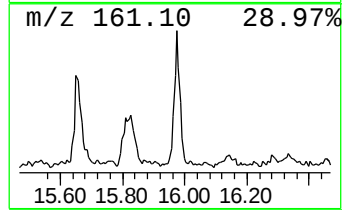
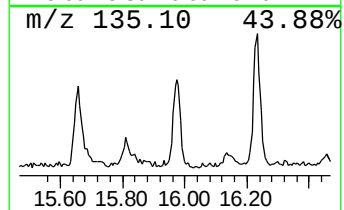
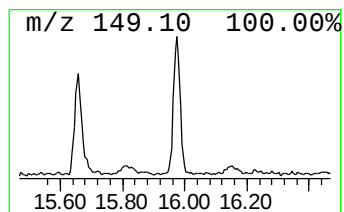
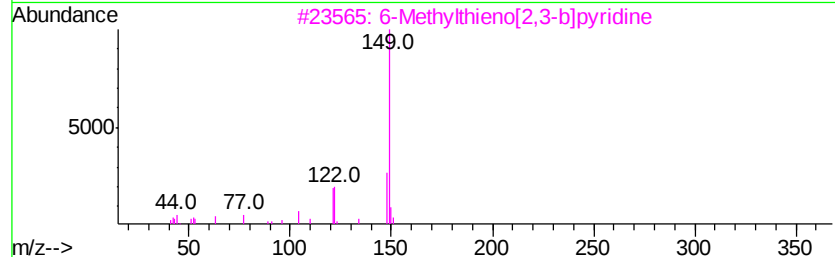
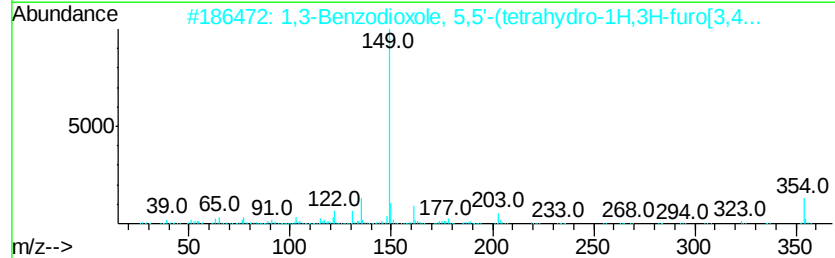
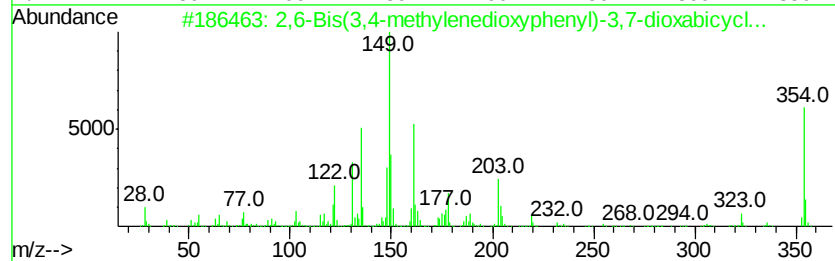
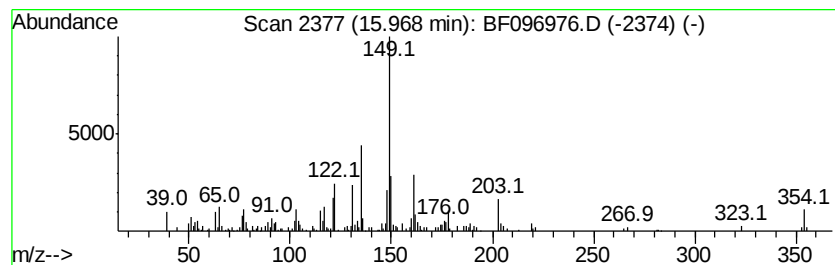
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2,6-Bis(3,4-methylenedioxyphenyl) Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	6.85 ng	221080	Perylene-d12	15.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Bis(3,4-methylenedioxyphenyl)...	354	C20H18O6	007076-24-6	94		
2	1,3-Benzodioxole, 5,5'-(tetrahyd...	354	C20H18O6	000133-03-9	53		
3	6-Methylthieno[2,3-b]pyridine	149	C8H7NS	001759-30-4	38		
4	m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	30		
5	Benzene, 1-isothiocyanato-2-methyl-	149	C8H7NS	000614-69-7	27		



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096976.D
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Sample : I4363-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-COMB-3

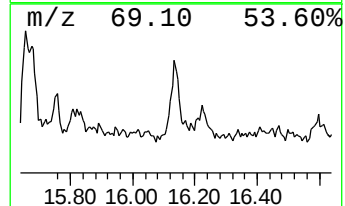
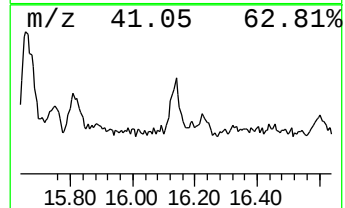
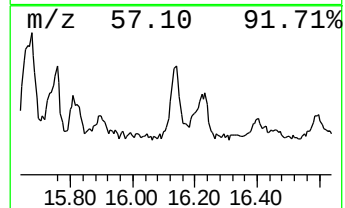
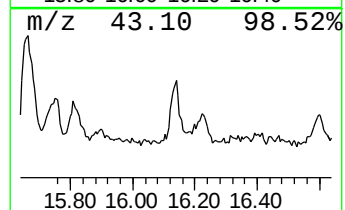
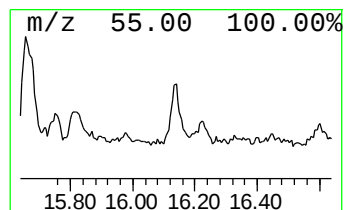
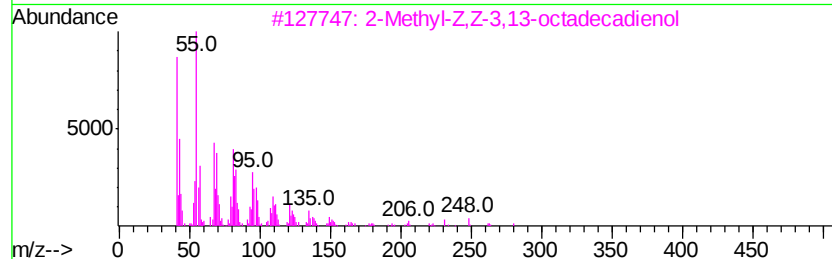
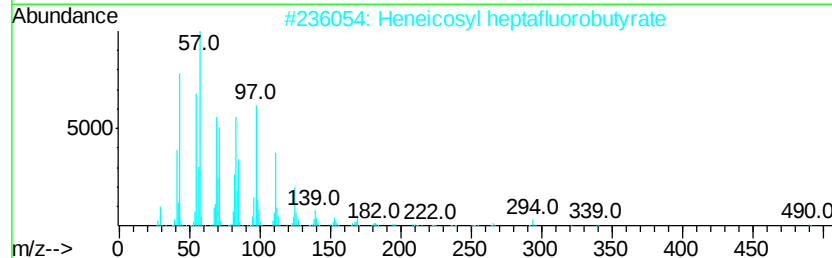
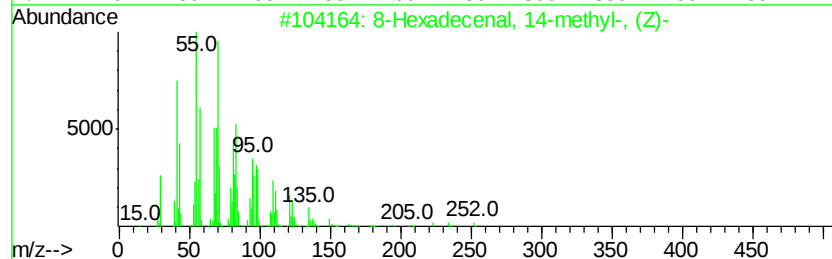
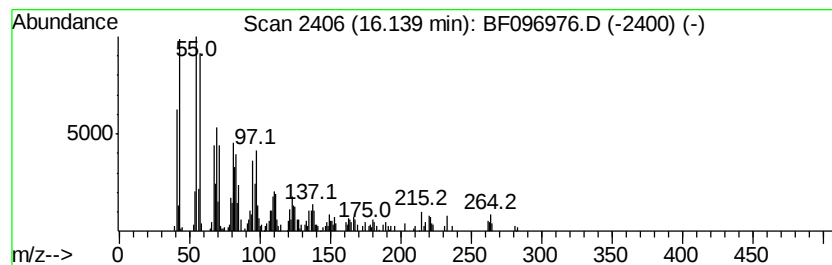
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 8-Hexadecenal, 14-methyl-, ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	10.57 ng	341374	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Hexadecenal, 14-methyl-, (Z)-	252	C17H32O	060609-53-2	53
2		Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	53
3		2-Methyl-Z,Z-3,13-octadecadienol	280	C19H36O	1000130-90-5	50
4		Cyclododecanol, 1-ethenyl-	210	C14H26O	006244-49-1	50
5		Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\
 Data File : BF096976.D
 Acq On : 22 Jul 2017 7:52
 Operator : SJ/JU
 Sample : I4363-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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
Pentanoic acid	5.42	13.1 ng		488218	1	6.56	745275	20.0
7-Octen-2-ol, 2,6...	6.98	23.6 ng		877927	1	6.56	745275	20.0
Ethyl acetoacetat...	7.53	12.5 ng		672802	2	7.84	1079980	20.0
(+)-2-Bornanone	7.59	8.3 ng		448406	2	7.84	1079980	20.0
Acetic acid, phen...	7.62	11.1 ng		598142	2	7.84	1079980	20.0
unknown7.76	7.76	9.7 ng		524593	2	7.84	1079980	20.0
Bornyl acetate	8.45	13.5 ng		731170	2	7.84	1079980	20.0
4,7-Methano-1H-in...	9.20	13.8 ng		517530	3	9.59	751151	20.0
1-Decene	9.41	9.7 ng		362302	3	9.59	751151	20.0
n-Tridecan-1-ol	9.92	12.9 ng		483619	3	9.59	751151	20.0
Epoxy-.alpha.-ter...	10.28	8.2 ng		307523	3	9.59	751151	20.0
unknown10.30	10.30	22.7 ng		853955	3	9.59	751151	20.0
Caffeine	11.25	8.1 ng		276118	4	11.06	683800	20.0
Tridecanoic acid	11.62	8.5 ng		289586	4	11.06	683800	20.0
Acetic acid, trif...	12.33	19.1 ng		653323	4	11.06	683800	20.0
Squalene	14.54	10.2 ng		329614	6	15.05	645637	20.0
Cholestan-3-ol, (...)	15.66	34.3 ng		1106600	6	15.05	645637	20.0
Cholesterol	15.81	11.4 ng		367196	6	15.05	645637	20.0
2,6-Bis(3,4-methy...	15.97	6.8 ng		221080	6	15.05	645637	20.0
8-Hexadecenal, 14...	16.14	10.6 ng		341374	6	15.05	645637	20.0