

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099325.D
 Acq On : 11 Oct 2017 3:01
 Operator : SJ/JU
 Sample : I5745-04 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-B

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	505	508	518	rBV	103283	112515	1.92%	0.257%
2	5.481	573	577	587	rVB	762705	760522	12.98%	1.737%
3	6.386	728	731	734	rBV2	138200	138876	2.37%	0.317%
4	6.492	746	749	754	rVB	810814	715989	12.22%	1.635%
5	6.633	770	773	776	rVV	974698	794205	13.56%	1.814%
6	6.692	779	783	786	rBV2	312888	321560	5.49%	0.734%
7	6.863	809	812	815	rVB2	706647	632194	10.79%	1.444%
8	6.916	818	821	824	rBV2	156625	144470	2.47%	0.330%
9	7.022	833	839	841	rBV2	728818	791081	13.50%	1.807%
10	7.133	855	858	861	rVV2	304438	275853	4.71%	0.630%
11	7.181	864	866	868	rVV	255756	239905	4.09%	0.548%
12	7.257	872	879	881	rBV2	263512	351736	6.00%	0.803%
13	7.328	888	891	893	rBV	126989	136678	2.33%	0.312%
14	7.351	893	895	897	rVB	131265	103425	1.77%	0.236%
15	7.392	897	902	905	rBV	318493	361245	6.17%	0.825%
16	7.428	905	908	910	rVV	553518	546560	9.33%	1.248%
17	7.451	910	912	916	rVB	547233	463669	7.91%	1.059%
18	7.510	916	922	924	rBV4	259220	373257	6.37%	0.852%
19	7.545	924	928	935	rBV5	171579	404106	6.90%	0.923%
20	7.633	941	943	945	rVV	202960	156872	2.68%	0.358%
21	7.657	945	947	951	rVB2	237174	279364	4.77%	0.638%
22	7.745	957	962	963	rBV3	130674	172156	2.94%	0.393%
23	7.763	963	965	967	rVV	192607	185640	3.17%	0.424%
24	7.786	967	969	972	rVV3	198574	295420	5.04%	0.675%
25	7.816	972	974	978	rVV2	195771	253585	4.33%	0.579%
26	7.857	978	981	983	rVV4	208703	224932	3.84%	0.514%
27	7.886	983	986	988	rVV2	467694	490341	8.37%	1.120%
28	7.910	988	990	992	rVV	212067	172062	2.94%	0.393%
29	7.933	992	994	995	rVV	164821	115561	1.97%	0.264%
30	7.957	995	998	1001	rVV3	221214	275639	4.70%	0.629%
31	7.986	1001	1003	1005	rVB	246744	183191	3.13%	0.418%
32	8.016	1005	1008	1011	rVB2	184527	184537	3.15%	0.421%
33	8.045	1011	1013	1015	rBV	112873	100385	1.71%	0.229%
34	8.092	1016	1021	1022	rBV4	124030	164053	2.80%	0.375%

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35	8.122	1023	1026	1028	rVV	788294	762841	13.02%	1.742%
36	8.145	1028	1030	1033	rVV	811955	786743	13.43%	1.797%
37	8.198	1036	1039	1042	rVB2	513507	493905	8.43%	1.128%
38	8.227	1042	1044	1047	rBV3	220264	230048	3.93%	0.525%
39	8.298	1052	1056	1057	rBV4	122807	144809	2.47%	0.331%
40	8.345	1061	1064	1066	rVB	309702	290091	4.95%	0.662%
41	8.392	1069	1072	1075	rBV3	101027	112452	1.92%	0.257%
42	8.433	1075	1079	1083	rVB4	411307	475394	8.11%	1.086%
43	8.480	1085	1087	1091	rVB4	134538	152833	2.61%	0.349%
44	8.516	1091	1093	1097	rVB3	235057	286417	4.89%	0.654%
45	8.557	1097	1100	1102	rBV	565021	453463	7.74%	1.036%
46	8.580	1102	1104	1107	rVB2	157734	117917	2.01%	0.269%
47	8.610	1107	1109	1113	rVB2	136206	118298	2.02%	0.270%
48	8.651	1113	1116	1118	rBV	491077	424417	7.24%	0.969%
49	8.686	1118	1122	1124	rBV4	102232	126669	2.16%	0.289%
50	8.727	1127	1129	1133	rBV	866345	720516	12.30%	1.645%
51	8.775	1133	1137	1138	rBV4	90969	101645	1.73%	0.232%
52	8.804	1140	1142	1149	rVB5	301095	509924	8.70%	1.164%
53	8.922	1159	1162	1164	rBV4	97204	132333	2.26%	0.302%
54	8.969	1167	1170	1172	rBV2	346622	285805	4.88%	0.653%
55	9.010	1174	1177	1179	rBV3	177368	160873	2.75%	0.367%
56	9.092	1187	1191	1196	rBV4	314919	383352	6.54%	0.875%
57	9.133	1196	1198	1200	rVV	234660	163820	2.80%	0.374%
58	9.157	1200	1202	1204	rVV	567029	420897	7.18%	0.961%
59	9.180	1204	1206	1209	rVB	149257	130488	2.23%	0.298%
60	9.216	1209	1212	1217	rBV	852854	809861	13.82%	1.849%
61	9.292	1222	1225	1228	rBV	899698	802555	13.70%	1.833%
62	9.333	1230	1232	1234	rVV3	143481	129127	2.20%	0.295%
63	9.369	1236	1238	1241	rVB	264668	199087	3.40%	0.455%
64	9.480	1254	1257	1260	rVB2	125125	121669	2.08%	0.278%
65	9.551	1263	1269	1271	rBV5	167610	290076	4.95%	0.662%
66	9.610	1276	1279	1282	rBV3	444544	511148	8.72%	1.167%
67	9.674	1287	1290	1292	rVV3	171069	156495	2.67%	0.357%
68	9.822	1312	1315	1319	rVB	645538	490709	8.38%	1.121%
69	9.904	1323	1329	1332	rVB	654926	656509	11.21%	1.499%
70	10.057	1351	1355	1357	rVV2	72375	107504	1.83%	0.246%
71	10.139	1366	1369	1374	rBV4	117179	141344	2.41%	0.323%

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72	10.321	1395	1400	1403	rBV	376110	323219	5.52%	0.738%
73	10.539	1431	1437	1439	rBV	121005	153025	2.61%	0.349%
74	10.686	1460	1462	1466	rBV	353517	330098	5.63%	0.754%
75	10.792	1477	1480	1489	rVB	302249	344146	5.87%	0.786%
76	11.239	1553	1556	1559	rBV	232849	187869	3.21%	0.429%
77	11.386	1578	1581	1584	rBV	619339	588947	10.05%	1.345%
78	11.410	1584	1585	1589	rVB	152565	113407	1.94%	0.259%
79	11.668	1626	1629	1631	rBV	162890	140342	2.40%	0.320%
80	11.768	1642	1646	1650	rBV	2415547	2260419	38.58%	5.162%
81	12.074	1695	1698	1704	rBV	158639	156742	2.68%	0.358%
82	12.468	1759	1765	1766	rBV	4540876	5858894	100.00%	13.380%
83	12.486	1766	1768	1774	rVB2	4264688	4748618	81.05%	10.844%
84	12.563	1778	1781	1784	rVB	1497536	1169493	19.96%	2.671%
85	12.604	1784	1788	1790	rBV	253833	223968	3.82%	0.511%
86	12.798	1818	1821	1823	rBV2	148087	127059	2.17%	0.290%
87	12.833	1824	1827	1833	rVB	312314	297817	5.08%	0.680%
88	12.968	1847	1850	1853	rBV	834970	704300	12.02%	1.608%
89	13.045	1860	1863	1866	rVV3	99007	141785	2.42%	0.324%
90	13.157	1877	1882	1885	rVV3	234763	380705	6.50%	0.869%
91	13.186	1885	1887	1889	rVV	134214	133043	2.27%	0.304%
92	13.204	1889	1890	1896	rVB4	100743	111560	1.90%	0.255%
93	13.280	1901	1903	1908	rVB	134722	125896	2.15%	0.288%
94	13.715	1972	1977	1982	rVB2	153724	215589	3.68%	0.492%
95	13.951	2014	2017	2023	rBV	174733	167849	2.86%	0.383%
96	14.033	2026	2031	2033	rVV2	571684	627395	10.71%	1.433%
97	14.474	2103	2106	2111	rBV	99463	103759	1.77%	0.237%
98	14.904	2176	2179	2187	rVB	113968	178871	3.05%	0.408%
99	15.121	2213	2216	2224	rVB	82233	113008	1.93%	0.258%
100	15.509	2277	2282	2286	rBV	324764	438262	7.48%	1.001%

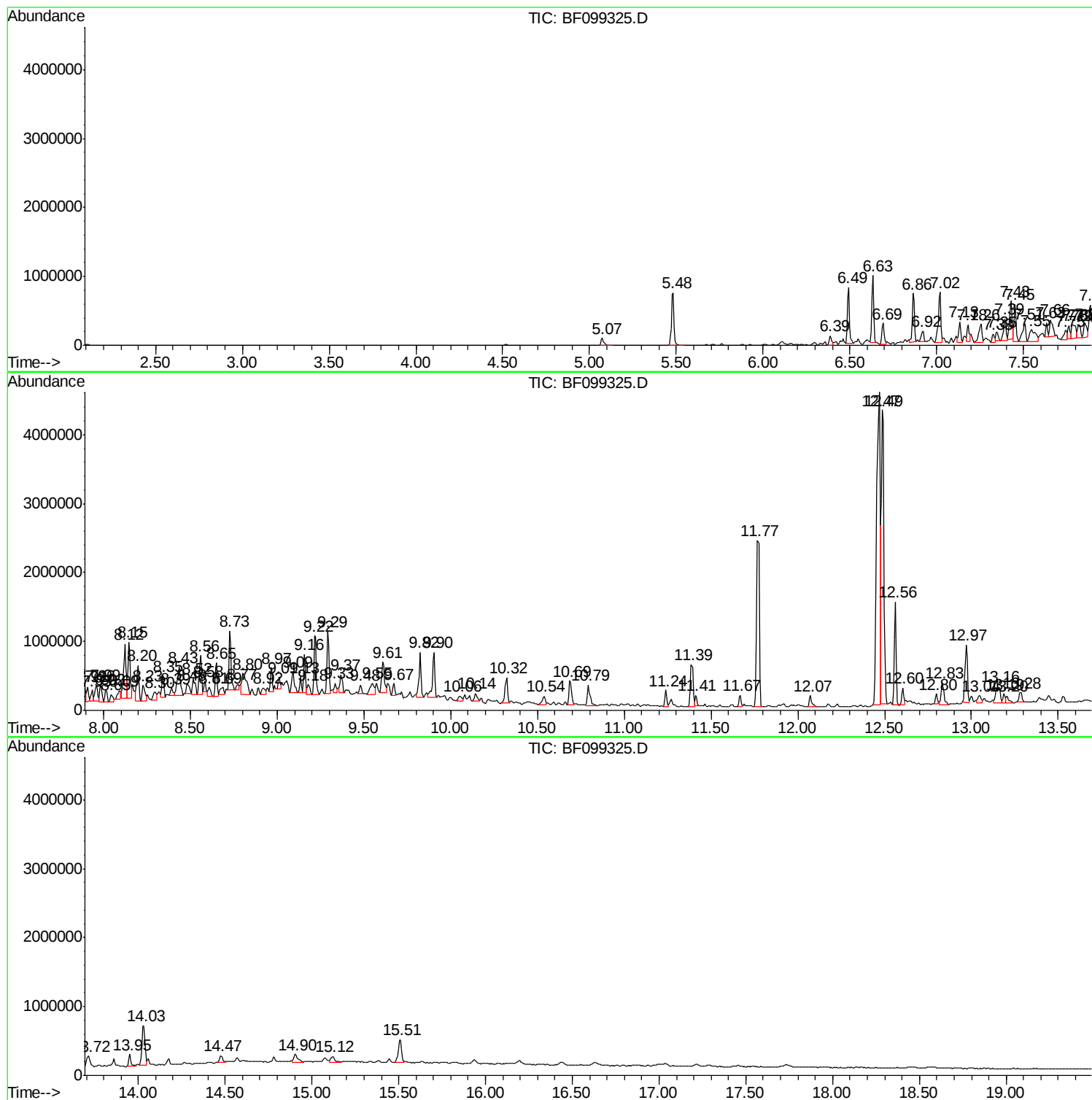
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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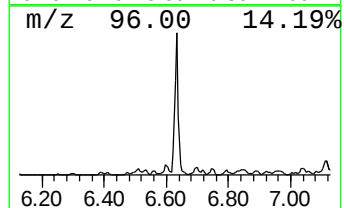
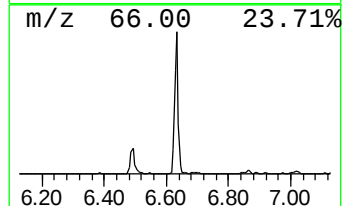
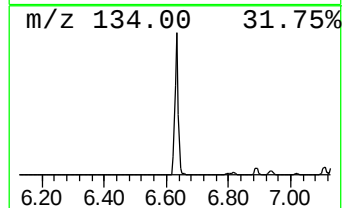
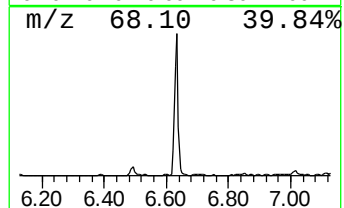
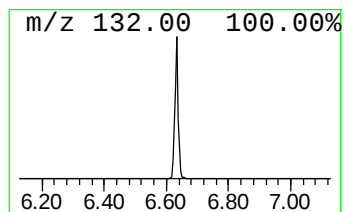
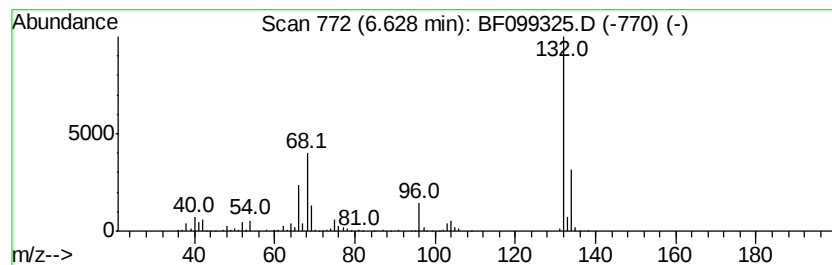
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.63 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	25.13 ng	794205	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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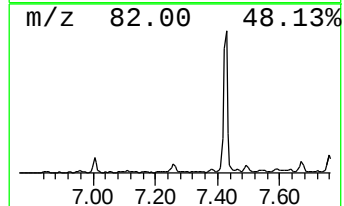
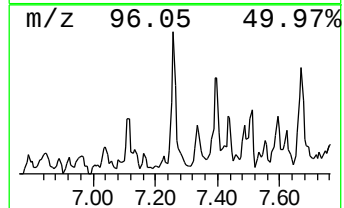
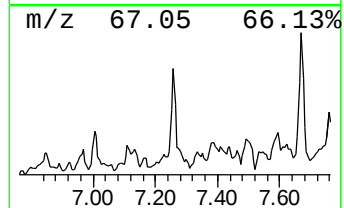
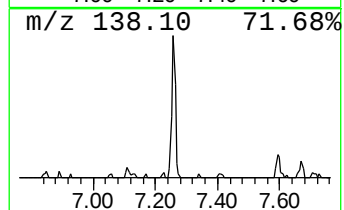
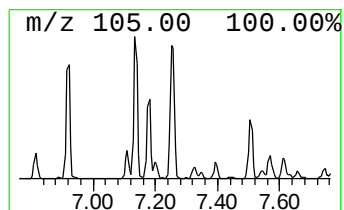
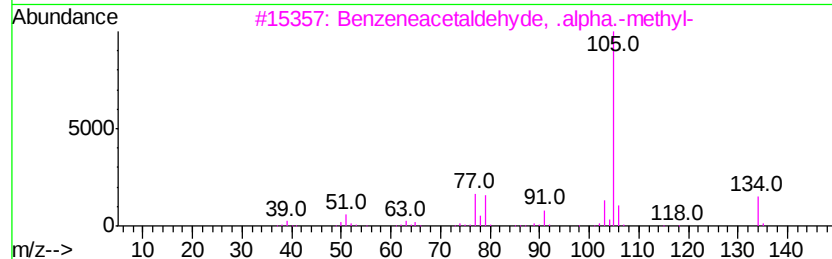
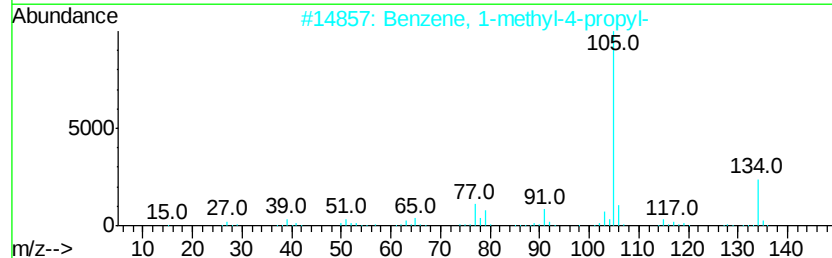
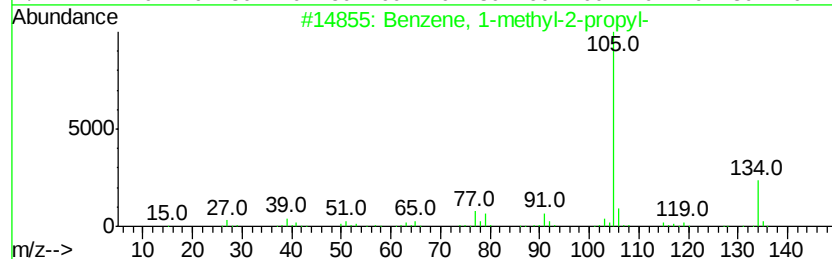
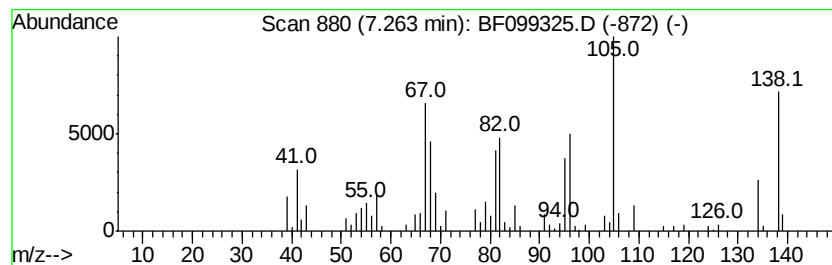
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-methyl-2-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	11.13 ng	351736	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	60
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
3		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	35
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	35
5		Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	30



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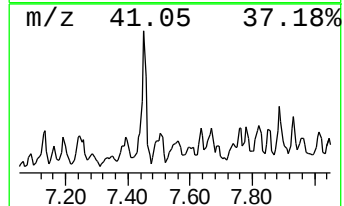
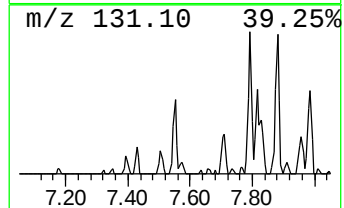
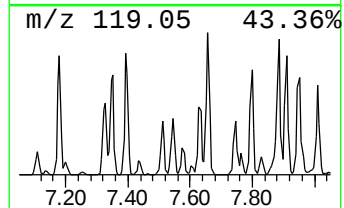
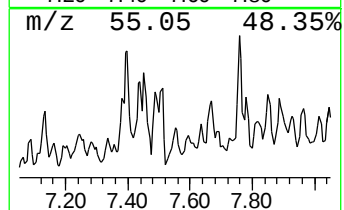
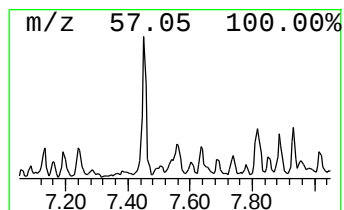
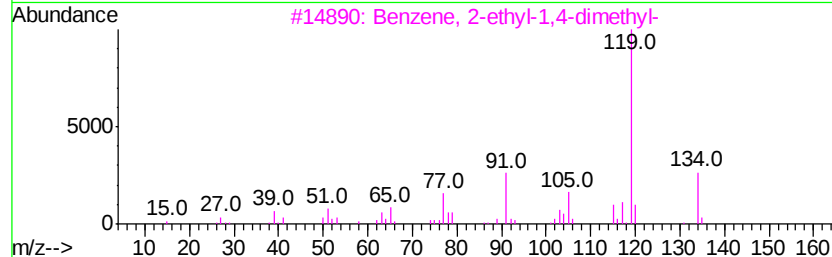
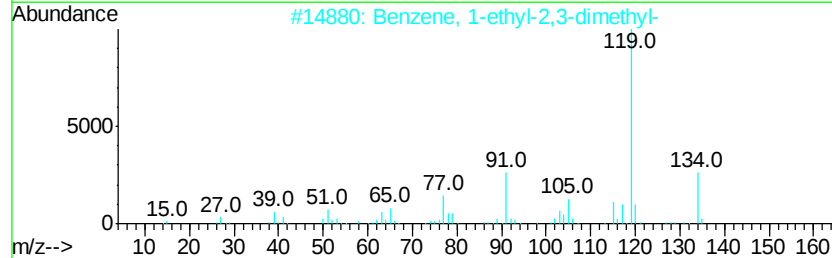
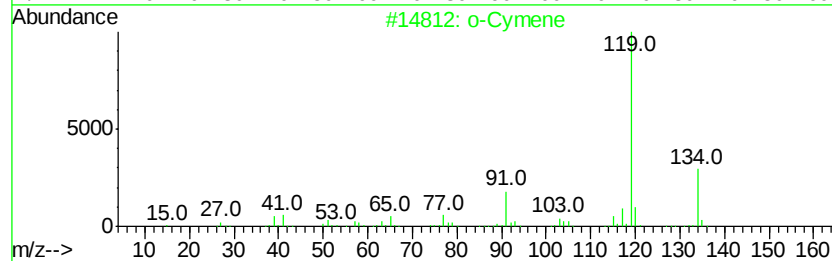
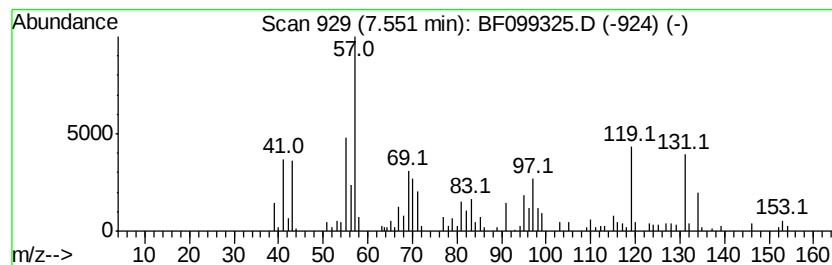
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Peak Number 4 o-Cymene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	10.27 ng	404106	Napthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	94
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
4		p-Cymene	134	C10H14	000099-87-6	92
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90



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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-B

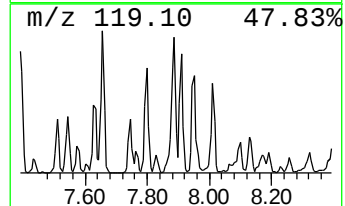
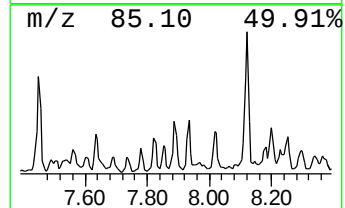
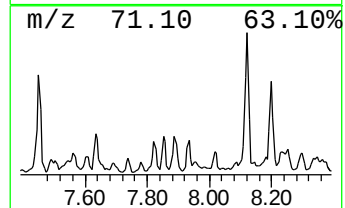
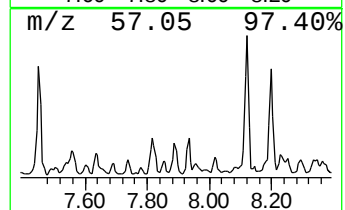
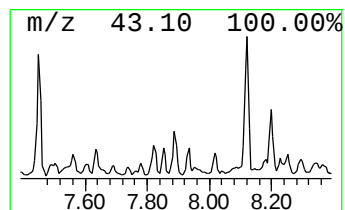
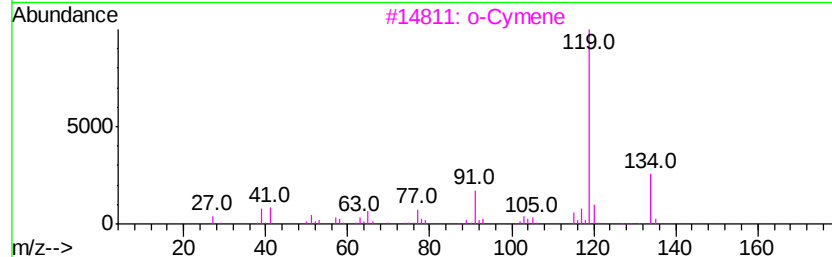
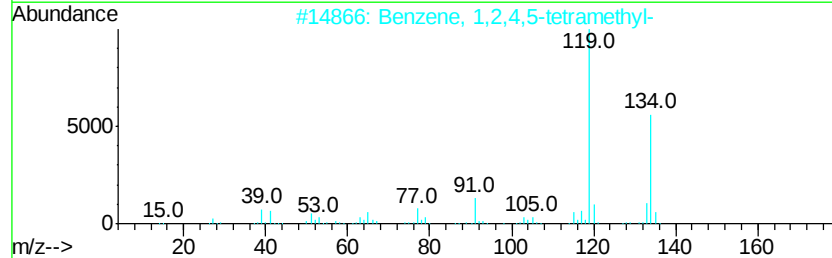
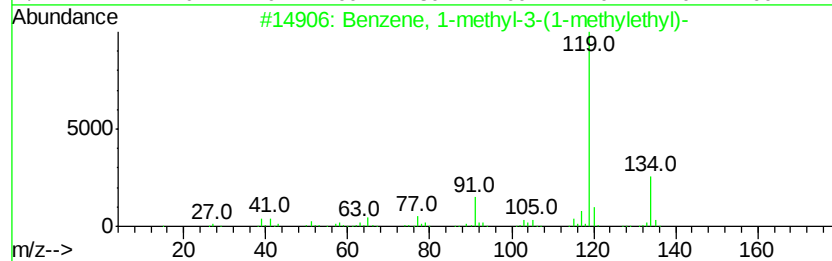
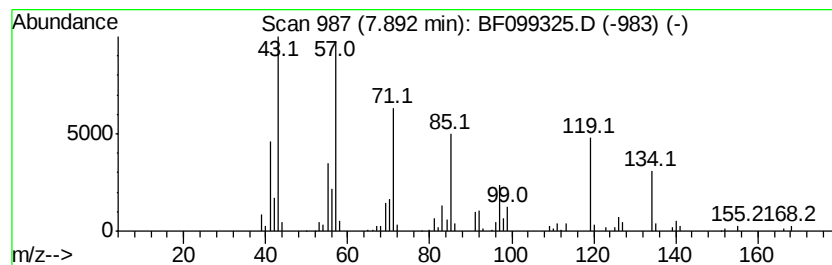
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-methyl-3-(1-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	12.47 ng	490341	Napthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	55
3		o-Cymene	134	C10H14	000527-84-4	55
4		p-Cymene	134	C10H14	000099-87-6	55
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099325.D
Acq On : 11 Oct 2017 3:01
Operator : SJ/JU
Sample : I5745-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-B

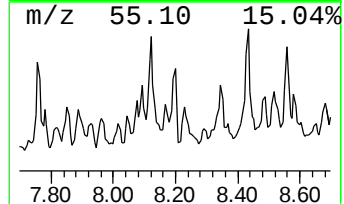
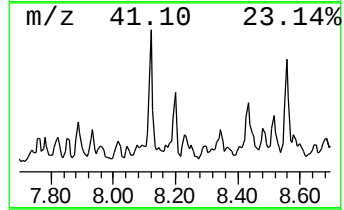
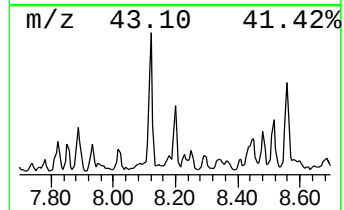
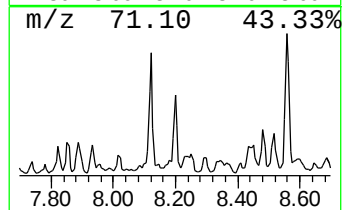
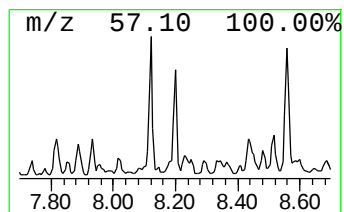
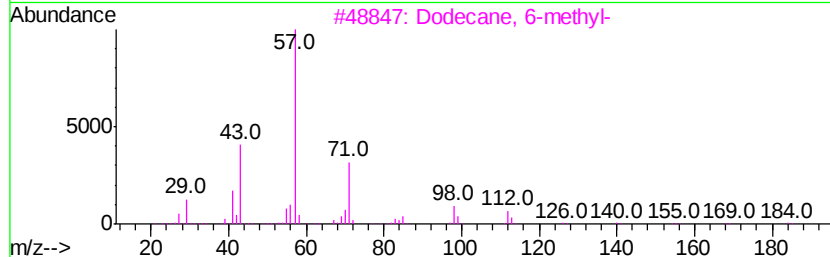
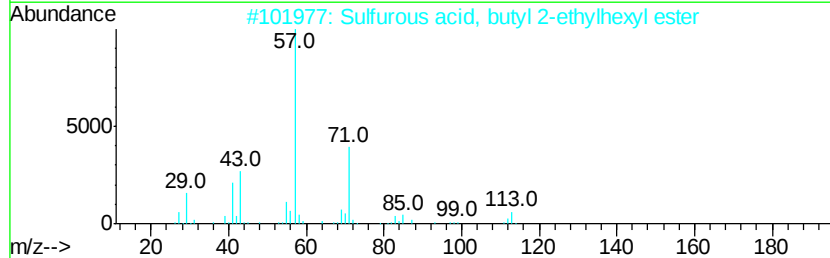
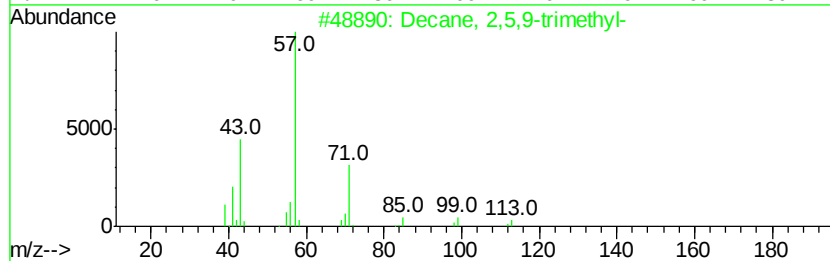
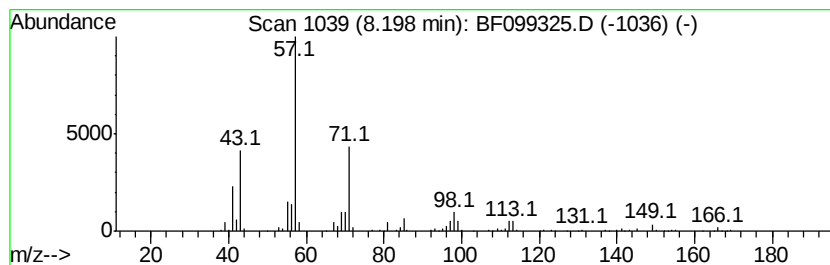
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 2,5,9-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	12.56 ng	493905	Napthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
2		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	53
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	53
4		Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	53
5		Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101017\
Data File : BF099325.D
Acq On : 11 Oct 2017 3:01
Operator : SJ/JU
Sample : I5745-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-B

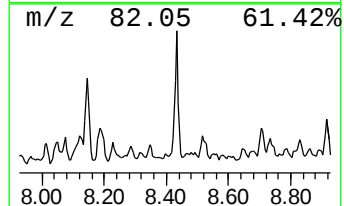
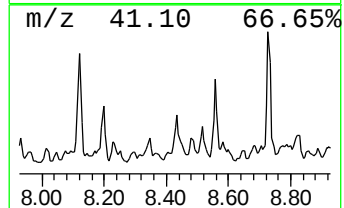
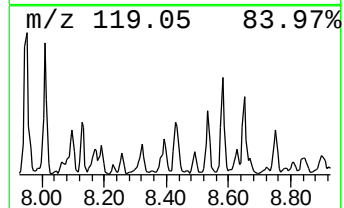
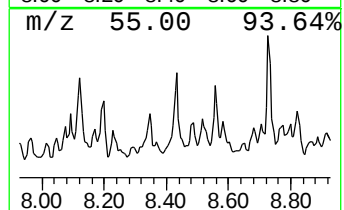
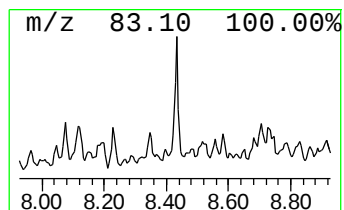
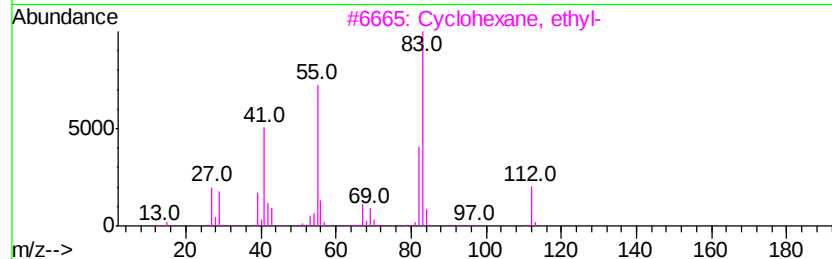
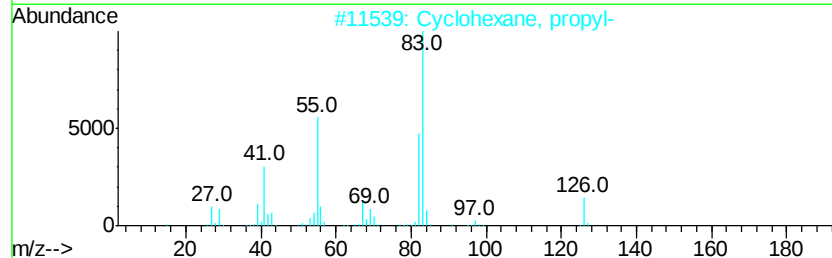
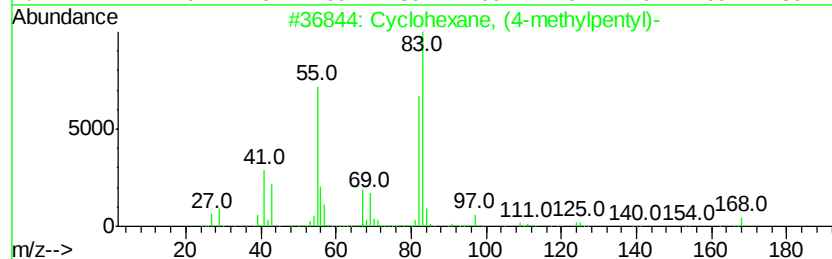
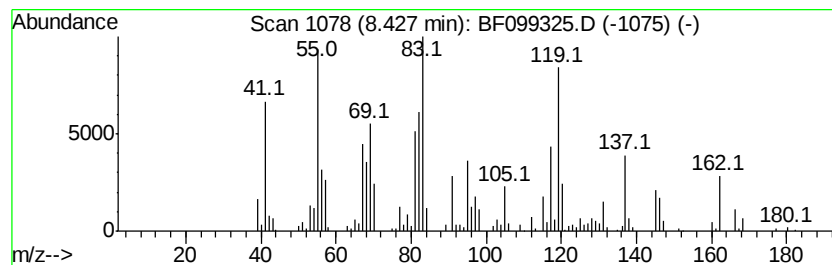
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.43 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	12.09 ng	475394	Napthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	27
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	27
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	27
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099325.D
Acq On : 11 Oct 2017 3:01
Operator : SJ/JU
Sample : I5745-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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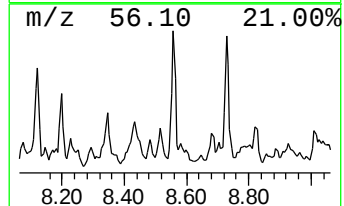
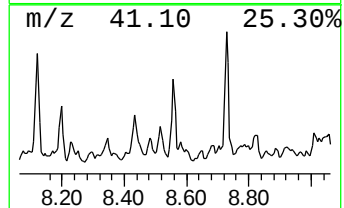
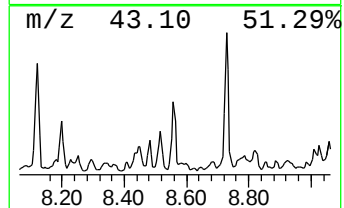
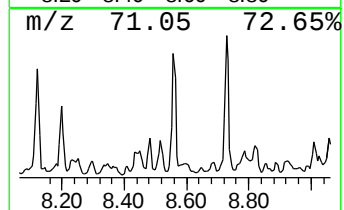
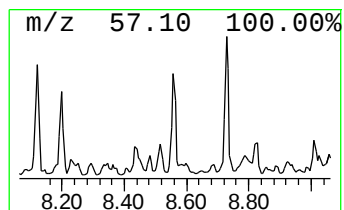
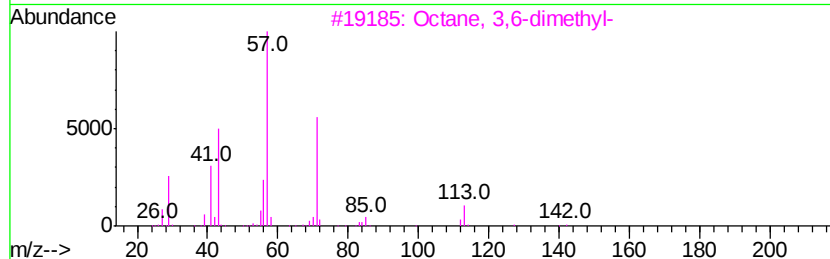
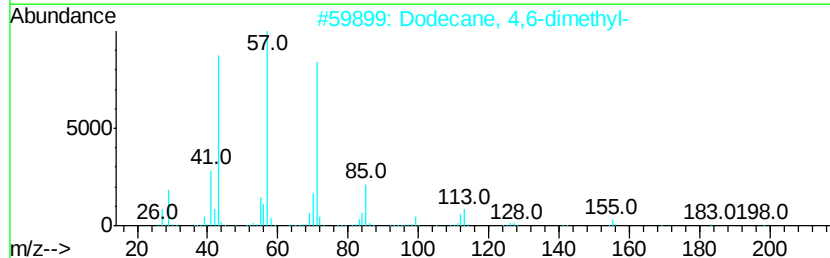
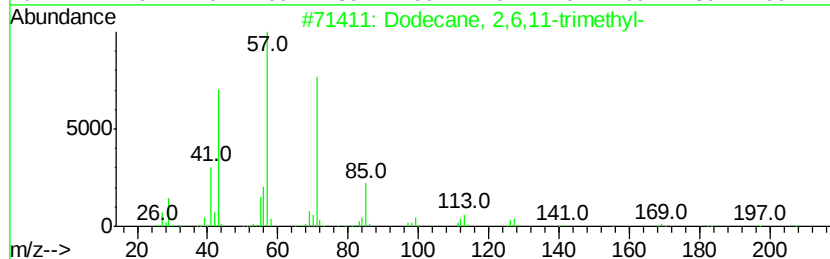
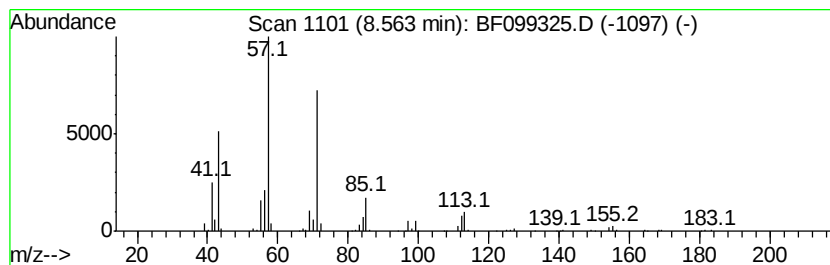
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2,6,11-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	11.53 ng	453463	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	59
5		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101017\
Data File : BF099325.D
Acq On : 11 Oct 2017 3:01
Operator : SJ/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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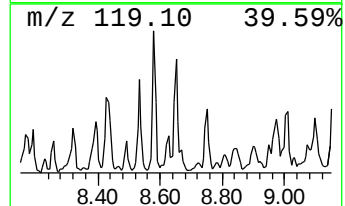
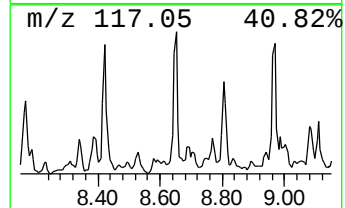
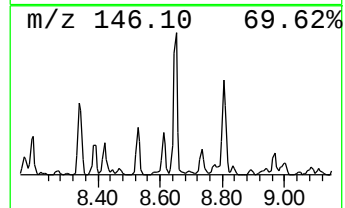
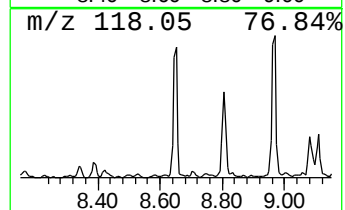
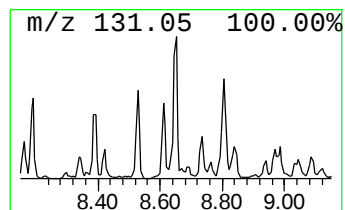
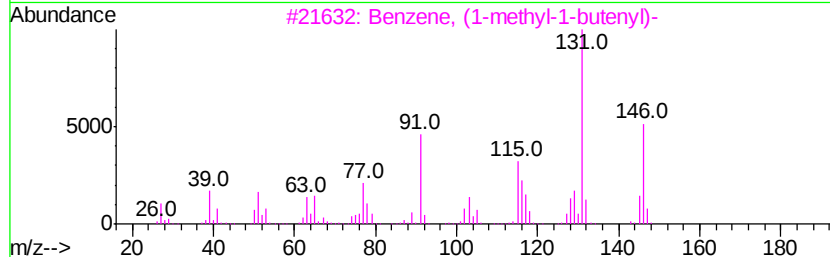
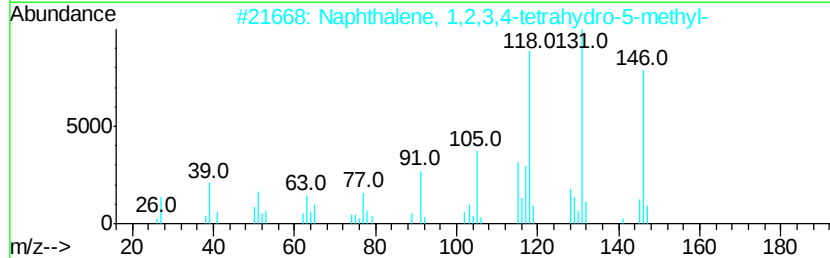
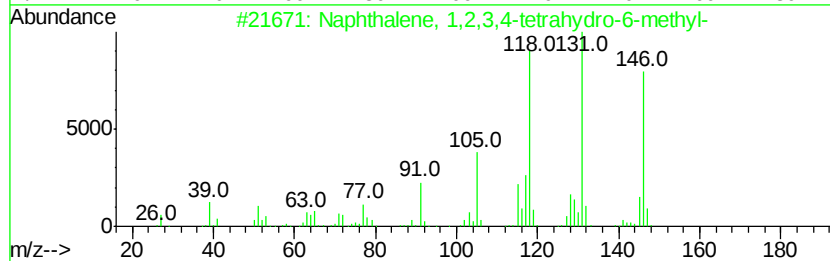
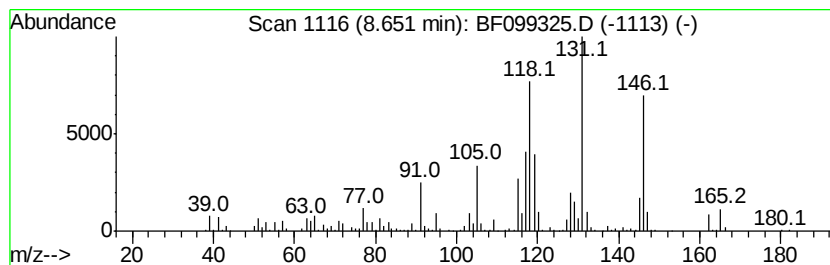
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	10.79 ng	424417	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
4		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	55
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099325.D
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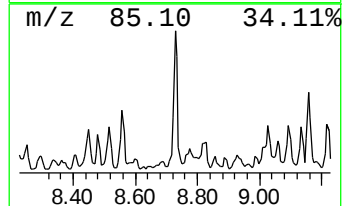
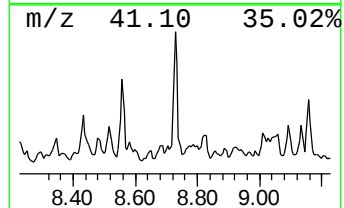
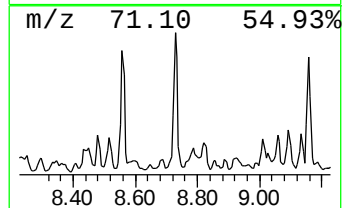
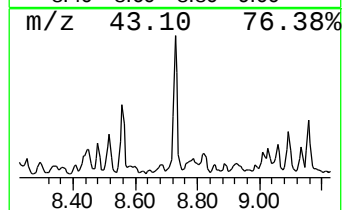
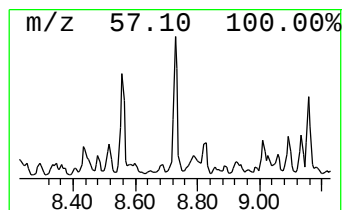
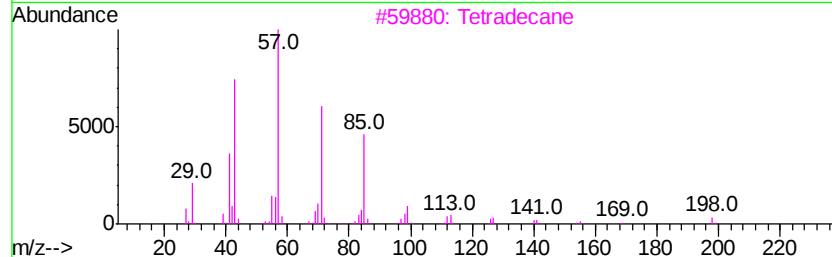
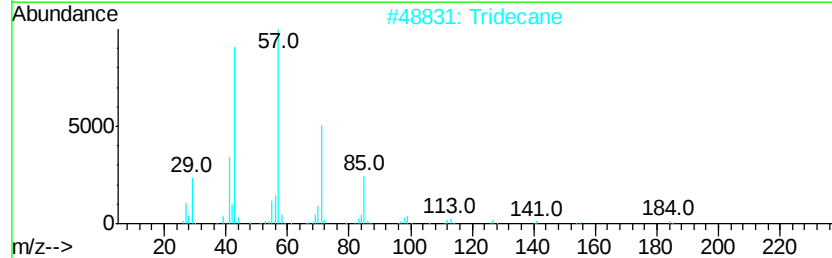
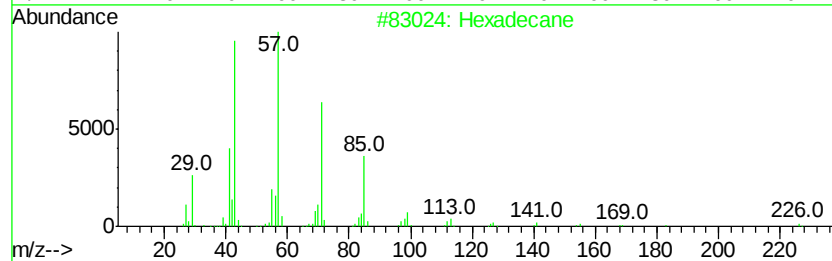
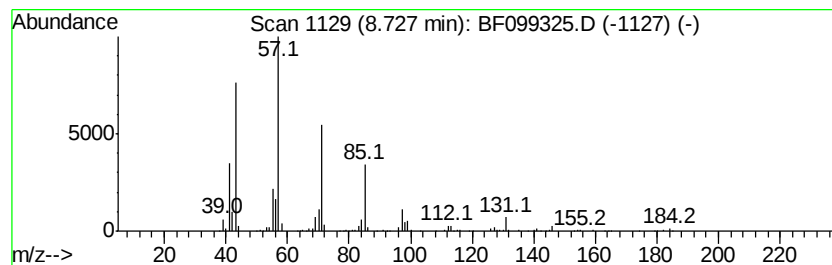
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	18.32 ng	720516	Naphthalene-d8	8.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	83
2	Tridecane		184	C13H28	000629-50-5	81
3	Tetradecane		198	C14H30	000629-59-4	80
4	Pentadecane		212	C15H32	000629-62-9	80
5	Nonane, 5-butyl-		184	C13H28	017312-63-9	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
HR-06-100617-B

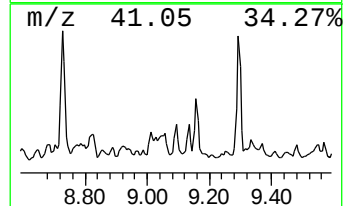
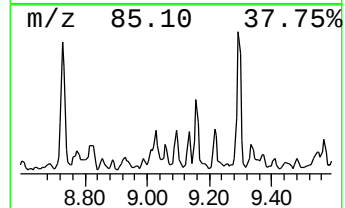
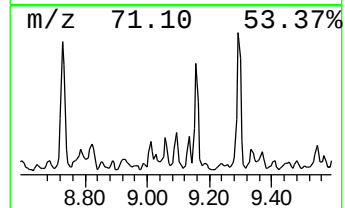
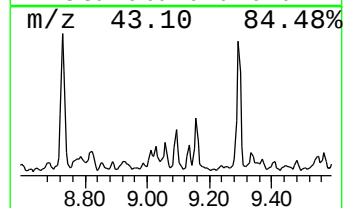
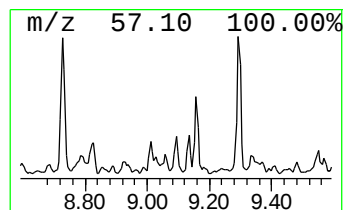
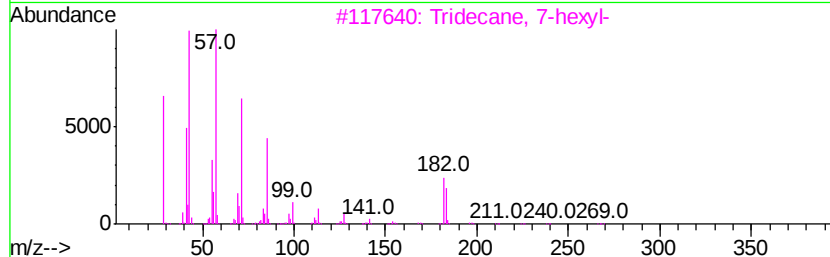
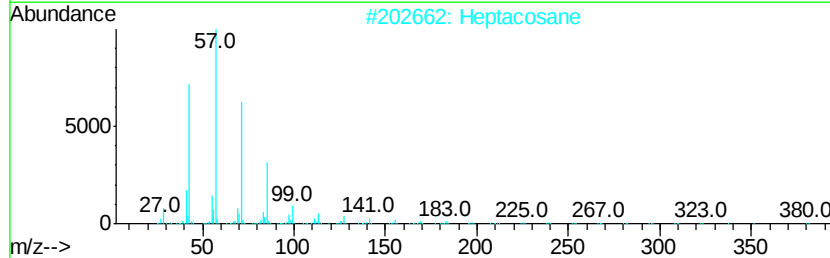
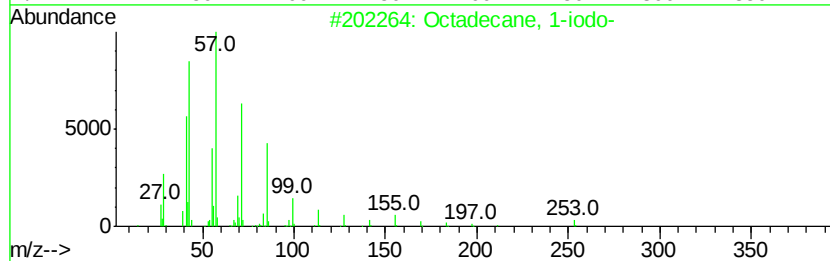
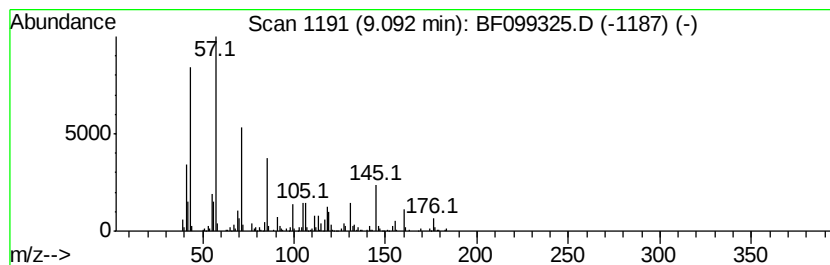
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown9.09 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	11.68 ng	383352	Acenaphthene-d10	9.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	49
2			Heptacosane	380	C27H56	000593-49-7	46
3			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	46
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	46
5			Eicosane	282	C20H42	000112-95-8	46



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Data File : BF099325.D
Acq On : 11 Oct 2017 3:01
Operator : SJ/JU
Sample : I5745-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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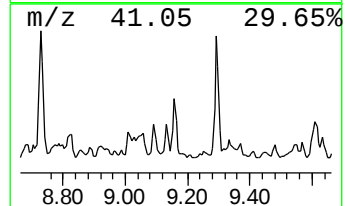
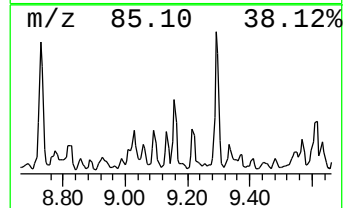
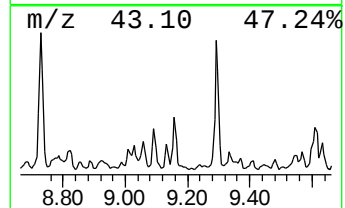
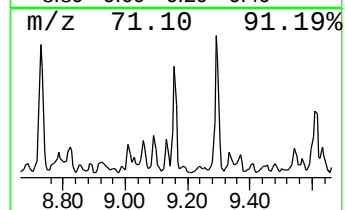
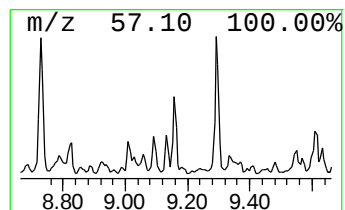
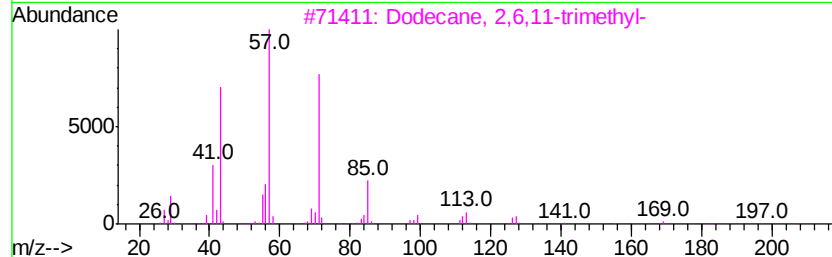
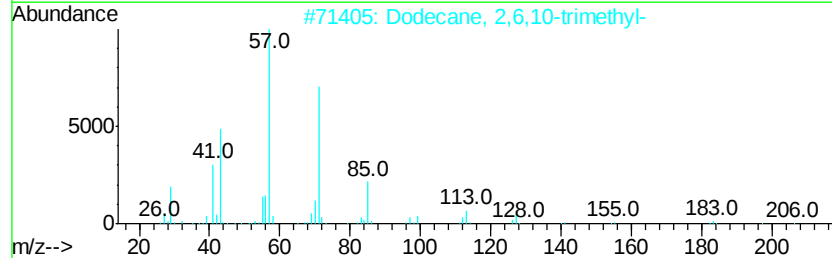
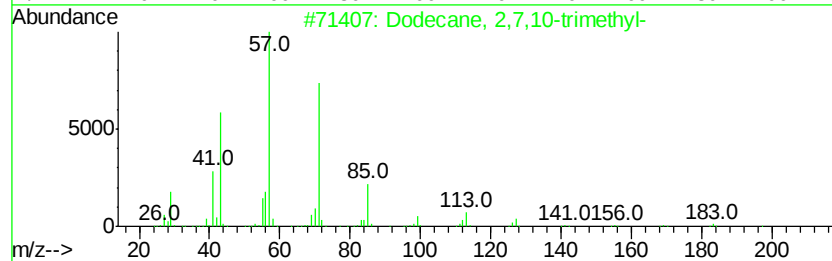
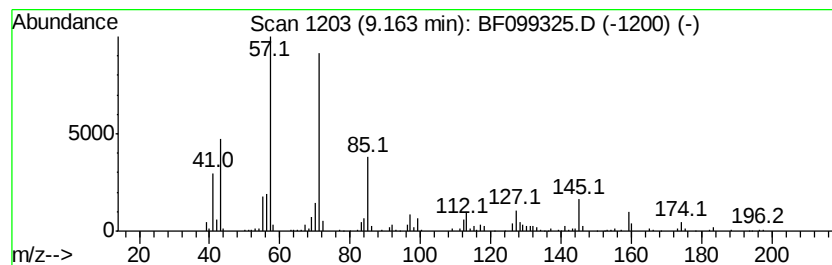
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2,7,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	12.82 ng	420897	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	68
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64



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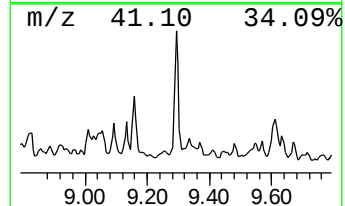
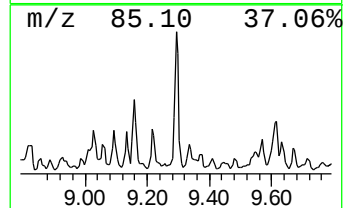
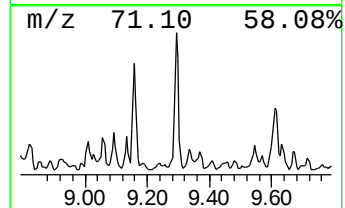
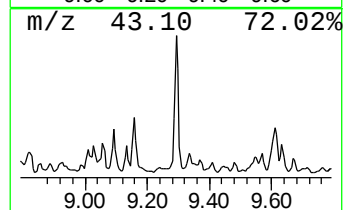
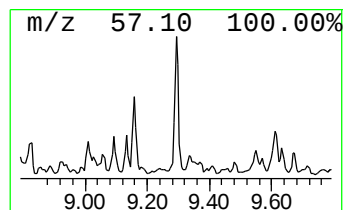
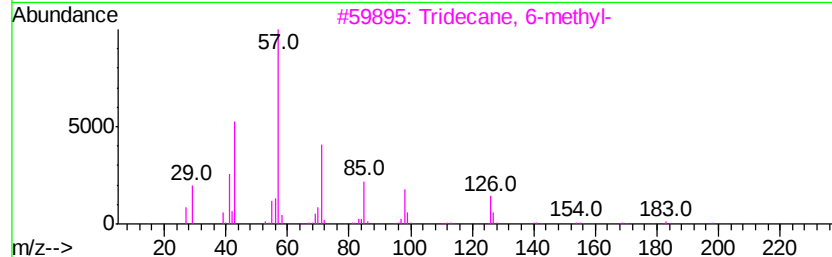
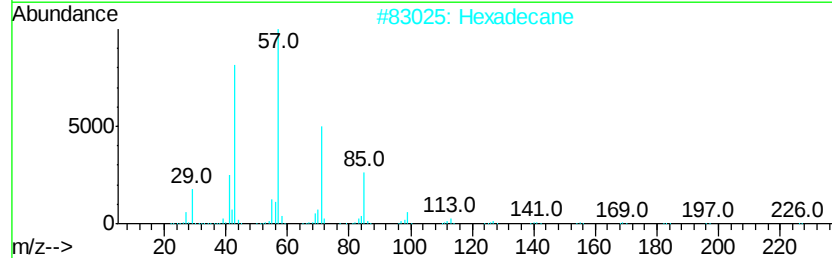
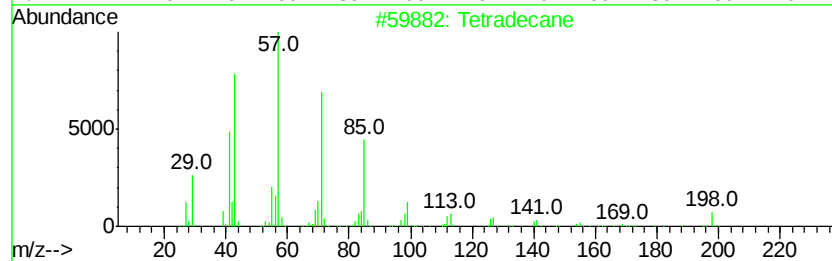
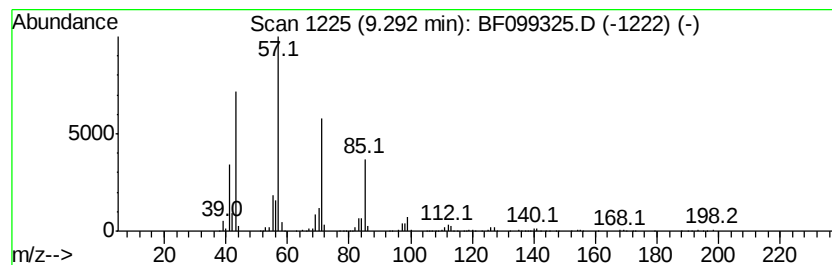
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	24.45 ng	802555	Acenaphthene-d10	9.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	83
4		9-methylheptadecane	254	C18H38	026741-18-4	83
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80



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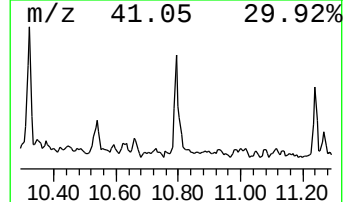
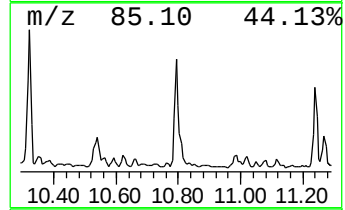
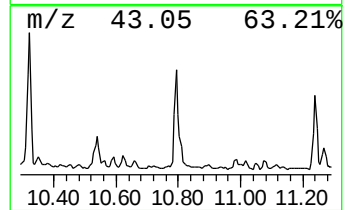
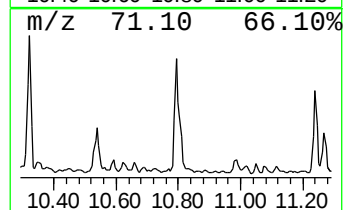
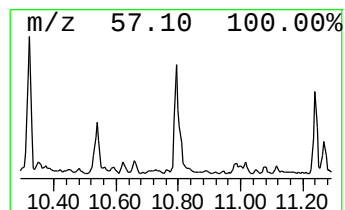
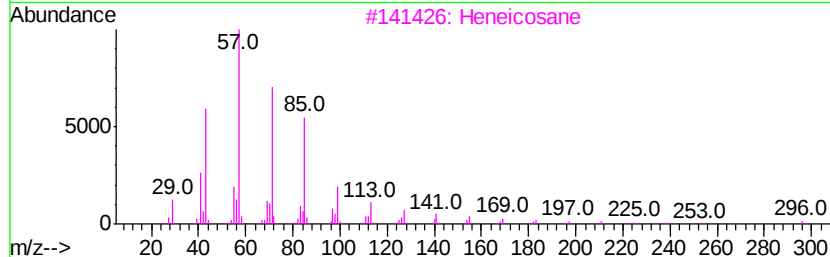
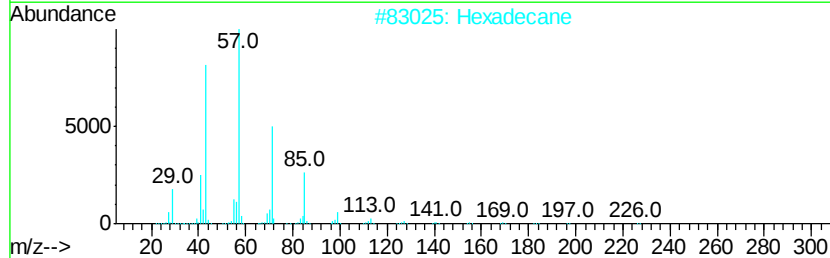
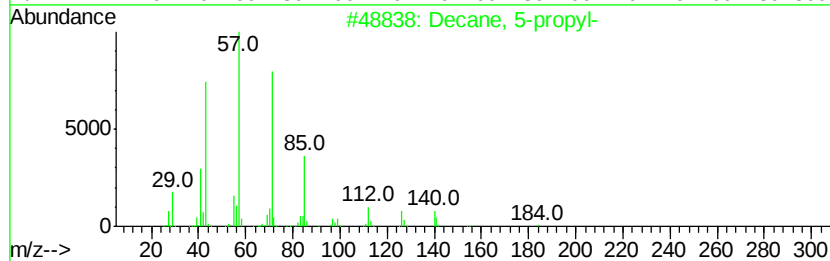
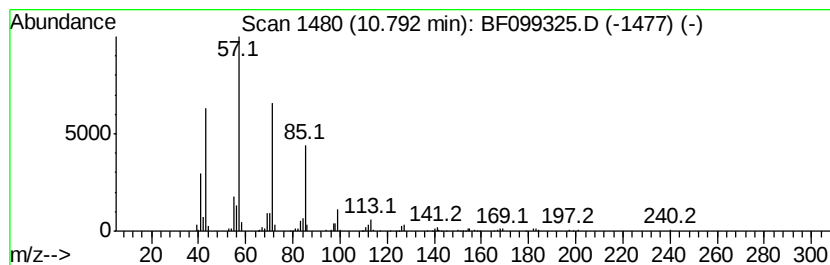
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Decane, 5-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	11.69 ng	344146	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-propyl-	184	C13H28	017312-62-8	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Pentadecane	212	C15H32	000629-62-9	90
5		Tetradecane	198	C14H30	000629-59-4	86



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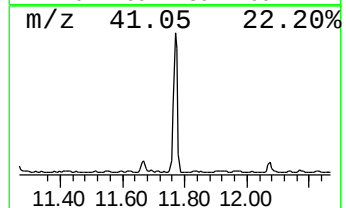
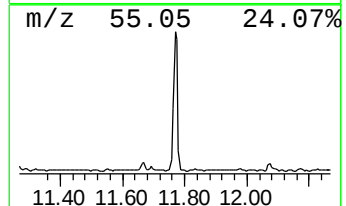
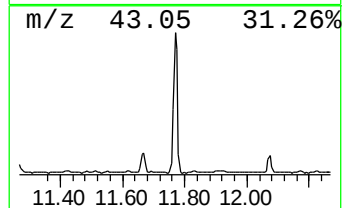
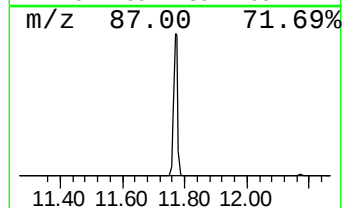
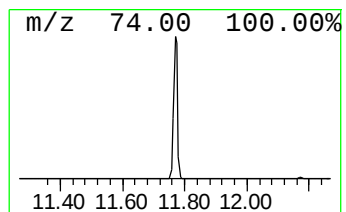
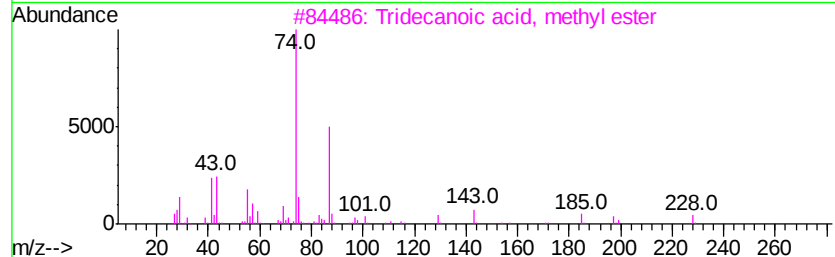
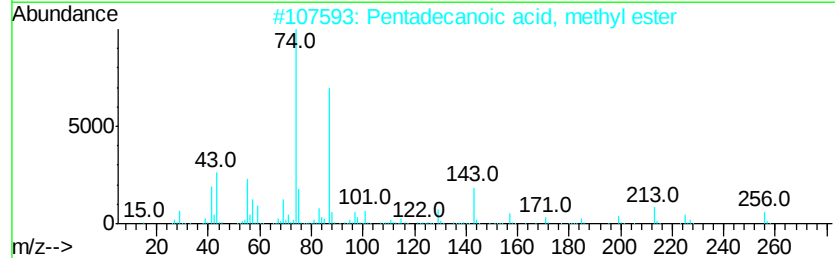
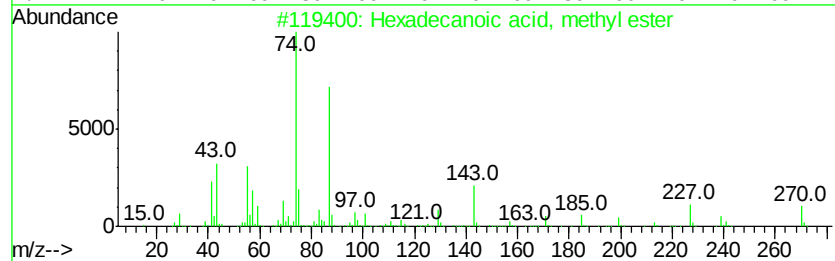
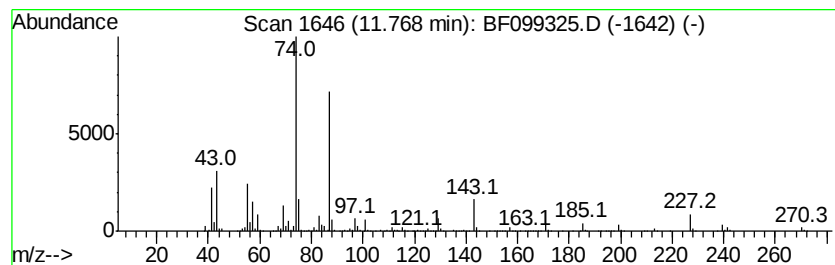
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	76.76 ng	2260420	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	94
2		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
4		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	86



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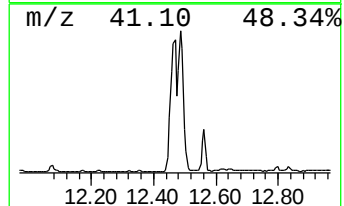
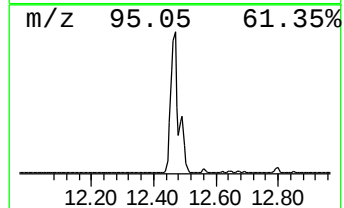
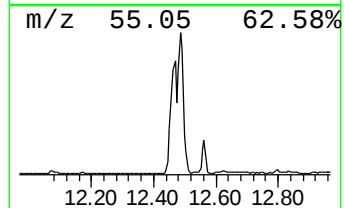
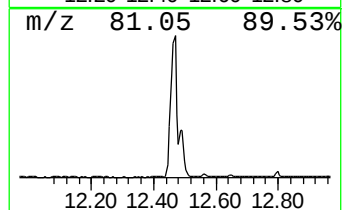
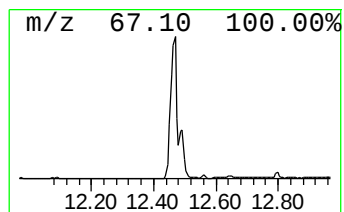
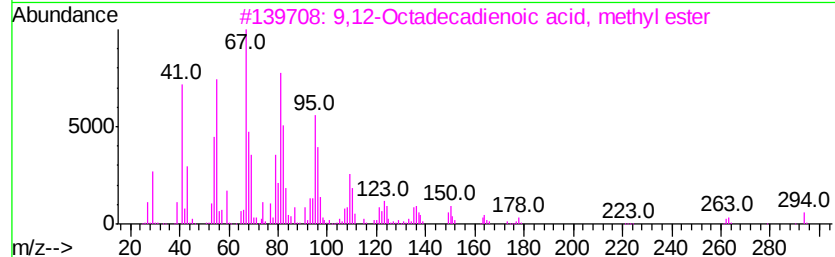
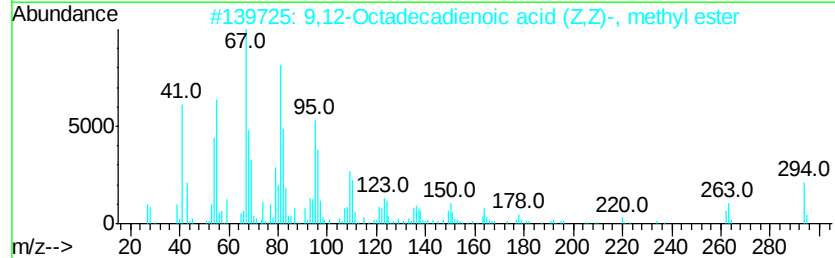
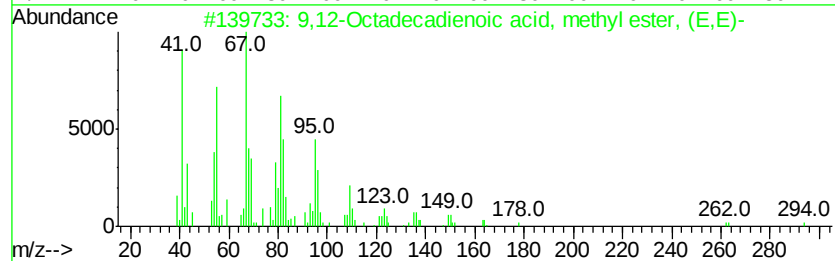
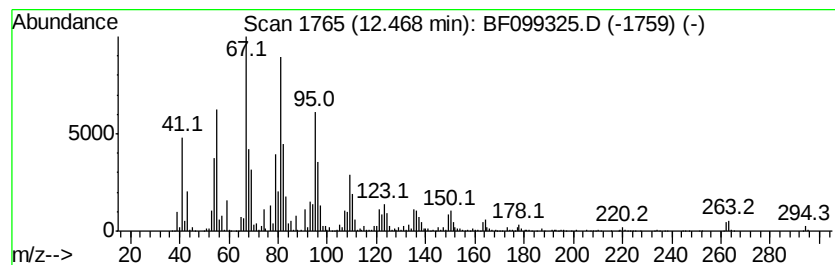
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	198.96 ng	5858890	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99



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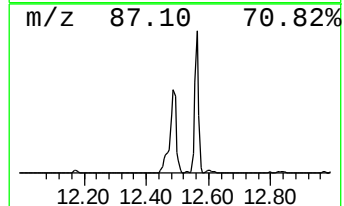
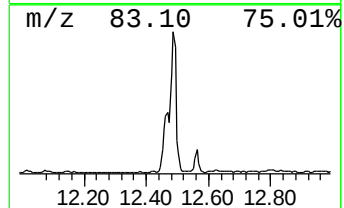
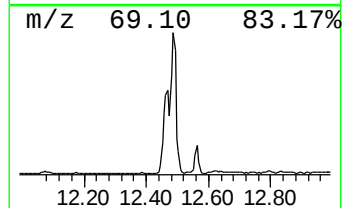
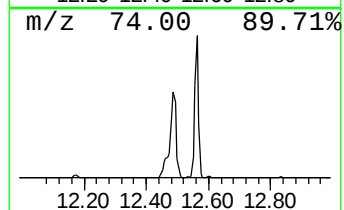
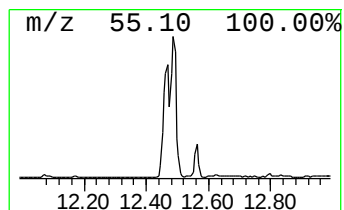
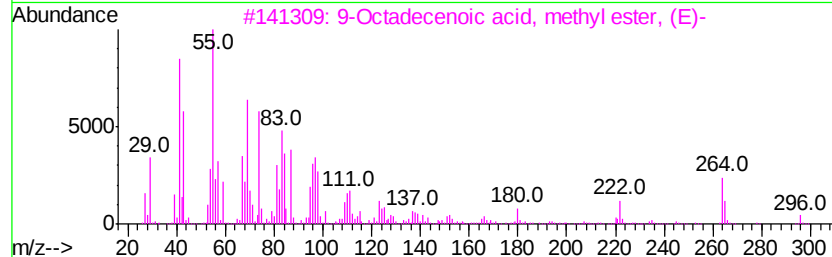
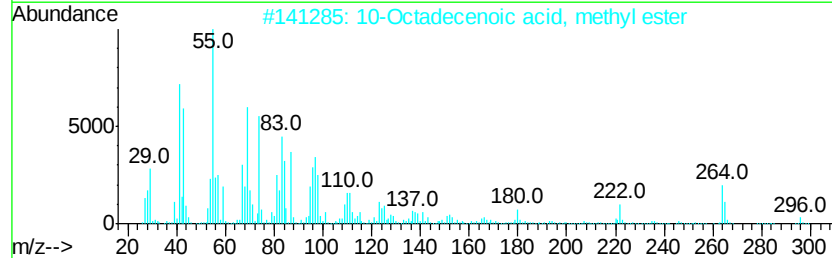
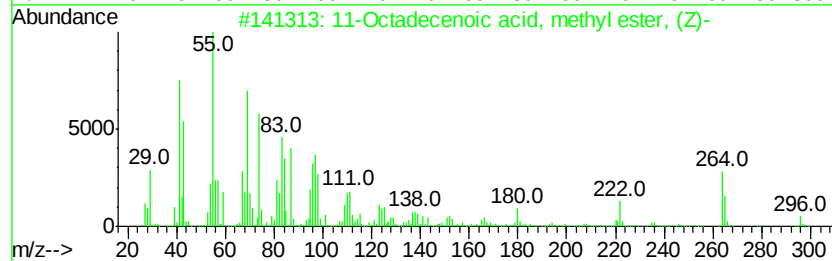
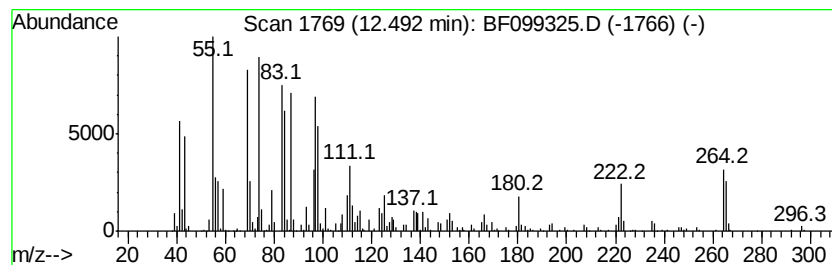
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 11-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	161.26 ng	4748620	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-63-9	89
2		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	76
3		9-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-62-8	76
4		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	68
5		6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	68



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Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
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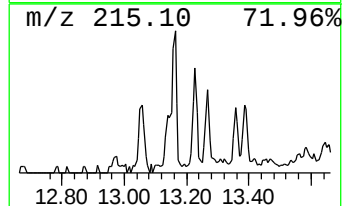
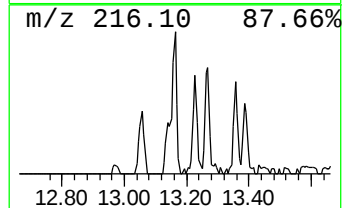
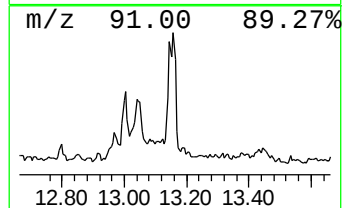
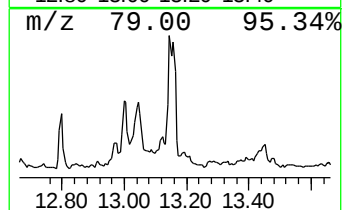
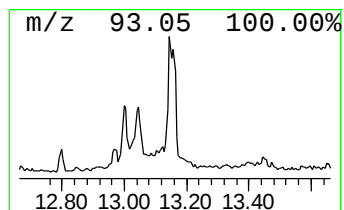
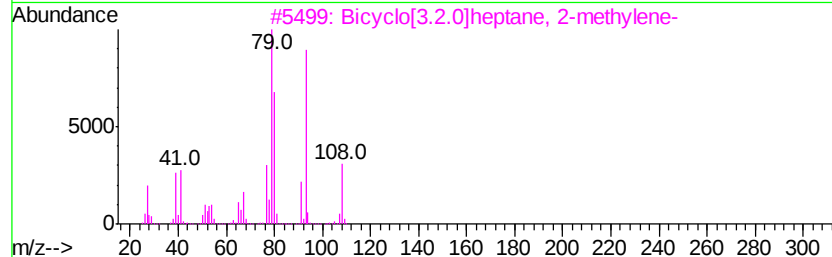
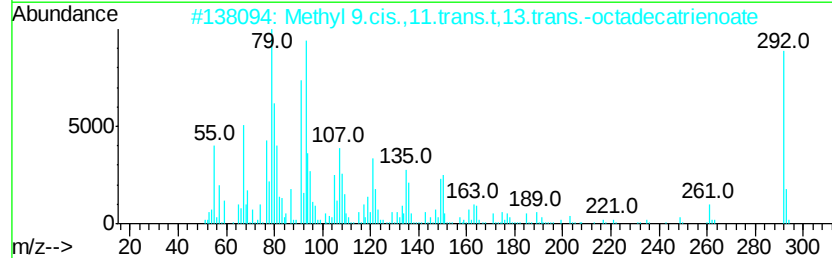
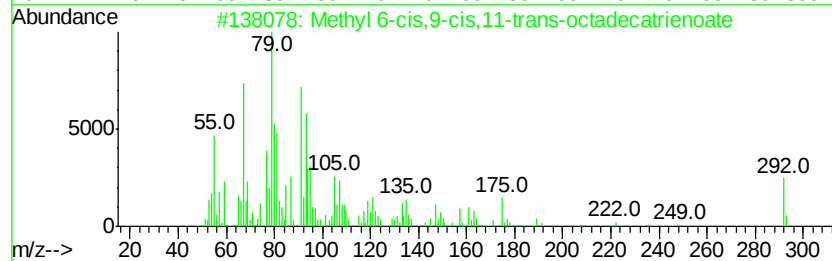
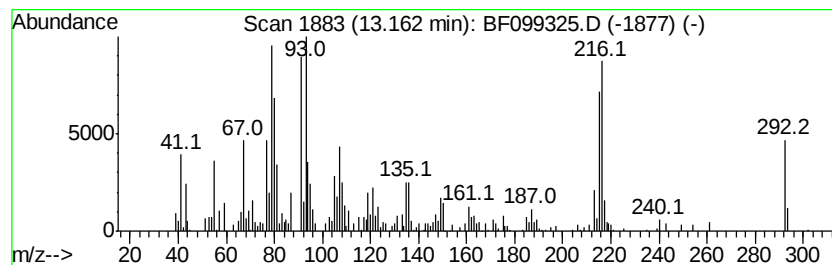
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Methyl 6-cis,9-cis,11-trans... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	12.14 ng	380705	Chrysene-d12	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl 6-cis,9-cis,11-trans-octa...	292	C19H32O2	1000336-37-7	76
2		Methyl 9-cis,11-trans,13-trans...	292	C19H32O2	1000336-42-6	68
3		Bicyclo[3.2.0]heptane, 2-methylene-	108	C8H12	089243-94-7	46
4		5-Pentadecen-7-yne, (Z)-	206	C15H26	074744-50-6	43
5		9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101017\
 Data File : BF099325.D
 Acq On : 11 Oct 2017 3:01
 Operator : SJ/JU
 Sample : I5745-04 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.63	6.63	25.1	ng	794205	1	6.86	632194	20.0
Benzene, 1-methyl...	7.26	11.1	ng	351736	1	6.86	632194	20.0
o-Cymene	7.55	10.3	ng	404106	2	8.15	786743	20.0
Benzene, 1-methyl...	7.89	12.5	ng	490341	2	8.15	786743	20.0
Decane, 2,5,9-tri...	8.20	12.6	ng	493905	2	8.15	786743	20.0
unknown8.43	8.43	12.1	ng	475394	2	8.15	786743	20.0
Dodecane, 2,6,11-...	8.56	11.5	ng	453463	2	8.15	786743	20.0
Naphthalene, 1,2,...	8.65	10.8	ng	424417	2	8.15	786743	20.0
Hexadecane	8.73	18.3	ng	720516	2	8.15	786743	20.0
unknown9.09	9.09	11.7	ng	383352	3	9.90	656509	20.0
Dodecane, 2,7,10-...	9.16	12.8	ng	420897	3	9.90	656509	20.0
Tetradecane	9.29	24.4	ng	802555	3	9.90	656509	20.0
Decane, 5-propyl-	10.79	11.7	ng	344146	4	11.39	588947	20.0
Hexadecanoic acid...	11.77	76.8	ng	2260420	4	11.39	588947	20.0
9,12-Octadecadien...	12.47	199.0	ng	5858890	4	11.39	588947	20.0
11-Octadecenoic a...	12.49	161.3	ng	4748620	4	11.39	588947	20.0
Methyl 6-cis,9-ci...	13.16	12.1	ng	380705	5	14.03	627395	20.0