

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113181.D
 Acq On : 20 Mar 2019 19:58
 Operator : JU/SJ
 Sample : K1994-03 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30211-16

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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	5.981	658	662	668	rVB2	719772	881704	7.78%	0.339%
2	6.251	706	708	712	rVV3	1056102	1511320	13.34%	0.582%
3	6.328	718	721	725	rBV	1009064	941515	8.31%	0.363%
4	6.369	725	728	732	rBV2	768930	816300	7.21%	0.314%
5	6.498	747	750	754	rVB2	789496	863632	7.62%	0.333%
6	6.557	757	760	761	rBV	1630592	1486647	13.13%	0.572%
7	6.581	761	764	768	rVB	3102740	3149621	27.81%	1.213%
8	6.757	791	794	797	rVB2	1727600	1602596	14.15%	0.617%
9	6.792	797	800	804	rBV3	999025	1241245	10.96%	0.478%
10	6.881	813	815	818	rBV3	1466940	1527864	13.49%	0.588%
11	6.981	828	832	834	rVV2	856615	1055283	9.32%	0.406%
12	7.010	834	837	841	rVV2	1902554	2431571	21.47%	0.936%
13	7.051	841	844	847	rVV2	2398080	2301248	20.32%	0.886%
14	7.081	847	849	854	rVB2	1334068	1282856	11.33%	0.494%
15	7.128	854	857	861	rBV	2740233	2519825	22.25%	0.970%
16	7.198	867	869	871	rBV	925776	896505	7.92%	0.345%
17	7.222	871	873	877	rVB	903488	794587	7.02%	0.306%
18	7.269	877	881	884	rBV2	2133746	2861395	25.26%	1.102%
19	7.345	890	894	897	rVB	4562628	4765047	42.07%	1.835%
20	7.386	897	901	904	rVB4	1528959	2011668	17.76%	0.775%
21	7.422	904	907	909	rBV2	753556	880880	7.78%	0.339%
22	7.457	909	913	916	rVB3	1338791	1520634	13.43%	0.585%
23	7.510	916	922	923	rBV3	995499	1375059	12.14%	0.529%
24	7.539	923	927	932	rVB3	2555150	3885908	34.31%	1.496%
25	7.628	939	942	943	rBV2	1091725	1133580	10.01%	0.436%
26	7.651	943	946	949	rBV4	900519	1314401	11.60%	0.506%
27	7.710	954	956	959	rVV2	1842544	1882151	16.62%	0.725%
28	7.745	959	962	966	rVV3	2766621	4572827	40.37%	1.761%
29	7.781	966	968	972	rVV2	2539763	3093134	27.31%	1.191%
30	7.828	972	976	977	rVV2	1755568	1783441	15.75%	0.687%
31	7.857	979	981	984	rVB	2681777	2282511	20.15%	0.879%
32	7.892	984	987	989	rBV	1436282	1324884	11.70%	0.510%
33	7.928	989	993	995	rBV2	1025336	914995	8.08%	0.352%
34	7.981	996	1002	1004	rBV4	2001574	2867759	25.32%	1.104%

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35	8.022	1004	1009	1011	rVV3	6419288	9706890	85.70%	3.737%
36	8.069	1015	1017	1019	rVV	2235313	2169988	19.16%	0.836%
37	8.092	1019	1021	1023	rVV	2820452	2565464	22.65%	0.988%
38	8.116	1023	1025	1028	rVV3	1250550	1186661	10.48%	0.457%
39	8.192	1033	1038	1040	rBV4	1369201	1893128	16.71%	0.729%
40	8.216	1040	1042	1047	rVB2	1958209	2200546	19.43%	0.847%
41	8.263	1047	1050	1054	rBV4	1314969	1534164	13.55%	0.591%
42	8.298	1054	1056	1057	rVV	1598039	1322273	11.67%	0.509%
43	8.316	1057	1059	1062	rVV3	2483555	2993099	26.43%	1.152%
44	8.345	1062	1064	1067	rVV2	1566769	1391194	12.28%	0.536%
45	8.375	1067	1069	1072	rVV3	2339425	2034882	17.97%	0.783%
46	8.410	1072	1075	1078	rVV2	3617017	3470870	30.64%	1.336%
47	8.457	1080	1083	1087	rVV3	3478767	4156920	36.70%	1.601%
48	8.492	1087	1089	1091	rVB2	1553358	1248954	11.03%	0.481%
49	8.528	1091	1095	1098	rBV2	4064797	4855774	42.87%	1.870%
50	8.633	1107	1113	1116	rVV2	6284997	9321357	82.30%	3.589%
51	8.657	1116	1117	1119	rVV2	1287254	1290565	11.39%	0.497%
52	8.686	1119	1122	1124	rVV2	2473476	2816963	24.87%	1.085%
53	8.722	1124	1128	1134	rVB5	2392425	3879185	34.25%	1.494%
54	8.775	1134	1137	1140	rBV3	764695	1182244	10.44%	0.455%
55	8.851	1143	1150	1154	rVV6	3679979	6205531	54.79%	2.389%
56	8.904	1157	1159	1161	rVV3	1673146	1662863	14.68%	0.640%
57	8.928	1161	1163	1166	rVV4	1514392	1887040	16.66%	0.727%
58	8.957	1166	1168	1171	rVV4	1464014	2253427	19.90%	0.868%
59	8.986	1171	1173	1177	rVB2	2559250	2269034	20.03%	0.874%
60	9.028	1177	1180	1182	rBV2	1629040	1925335	17.00%	0.741%
61	9.057	1182	1185	1188	rVV2	3612310	3353600	29.61%	1.291%
62	9.198	1203	1209	1212	rBV	5676882	8719478	76.98%	3.357%
63	9.251	1213	1218	1220	rVV2	2380184	3260977	28.79%	1.256%
64	9.357	1231	1236	1237	rBV3	1530831	1906548	16.83%	0.734%
65	9.416	1243	1246	1248	rBV3	1165673	1546364	13.65%	0.595%
66	9.439	1248	1250	1252	rVV2	1973726	2215779	19.56%	0.853%
67	9.463	1252	1254	1256	rVV2	1999312	1784175	15.75%	0.687%
68	9.510	1256	1262	1264	rVV5	3580483	5905102	52.14%	2.274%
69	9.528	1264	1265	1268	rVV	2733424	2324341	20.52%	0.895%
70	9.563	1268	1271	1274	rVB3	2412071	2546780	22.49%	0.981%
71	9.728	1295	1299	1301	rVV	5657608	7054388	62.28%	2.716%

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72	9.757	1301	1304	1310	rVV5	1517723	2356105	20.80%	0.907%
73	9.880	1323	1325	1329	rVB3	973287	1184759	10.46%	0.456%
74	9.957	1333	1338	1340	rBV4	1424093	2582419	22.80%	0.994%
75	9.980	1340	1342	1344	rVV2	1802657	1582258	13.97%	0.609%
76	10.039	1350	1352	1356	rVB3	2420425	2343805	20.69%	0.902%
77	10.157	1368	1372	1375	rVB4	768891	1112267	9.82%	0.428%
78	10.227	1378	1384	1386	rVV	5475760	7620146	67.28%	2.934%
79	10.345	1401	1404	1406	rVV3	759445	885150	7.81%	0.341%
80	10.439	1416	1420	1422	rVV	3070597	3333006	29.43%	1.283%
81	10.486	1426	1428	1431	rVB2	1157333	933092	8.24%	0.359%
82	10.522	1431	1434	1436	rBV2	1506594	1612651	14.24%	0.621%
83	10.551	1436	1439	1444	rVB5	1847135	1776306	15.68%	0.684%
84	10.698	1459	1464	1470	rBV2	5347749	11326419	100.00%	4.361%
85	10.880	1492	1495	1496	rBV	852678	907419	8.01%	0.349%
86	11.145	1535	1540	1542	rBV	5172932	6597477	58.25%	2.540%
87	11.169	1542	1544	1549	rVB	3619310	3384561	29.88%	1.303%
88	11.439	1587	1590	1592	rVB	1070487	879990	7.77%	0.339%
89	11.510	1599	1602	1605	rVB2	1160643	1262528	11.15%	0.486%
90	11.563	1606	1611	1614	rBV	5186180	5845016	51.61%	2.251%
91	11.963	1675	1679	1682	rVB	4678397	4927613	43.51%	1.897%
92	12.110	1701	1704	1709	rVB4	491648	817062	7.21%	0.315%
93	12.233	1723	1725	1732	rVB2	770543	952834	8.41%	0.367%
94	12.345	1740	1744	1747	rVB	4244038	4244903	37.48%	1.634%
95	12.710	1803	1806	1809	rVV	3128070	3067154	27.08%	1.181%
96	12.821	1822	1825	1834	rVB	1129901	1339004	11.82%	0.516%
97	13.063	1862	1866	1870	rVB	2336645	2077928	18.35%	0.800%
98	13.404	1920	1924	1927	rBV	1278453	1226875	10.83%	0.472%
99	13.727	1976	1979	1989	rVB	826803	810028	7.15%	0.312%
100	13.868	1999	2003	2009	rVB	986756	912876	8.06%	0.351%

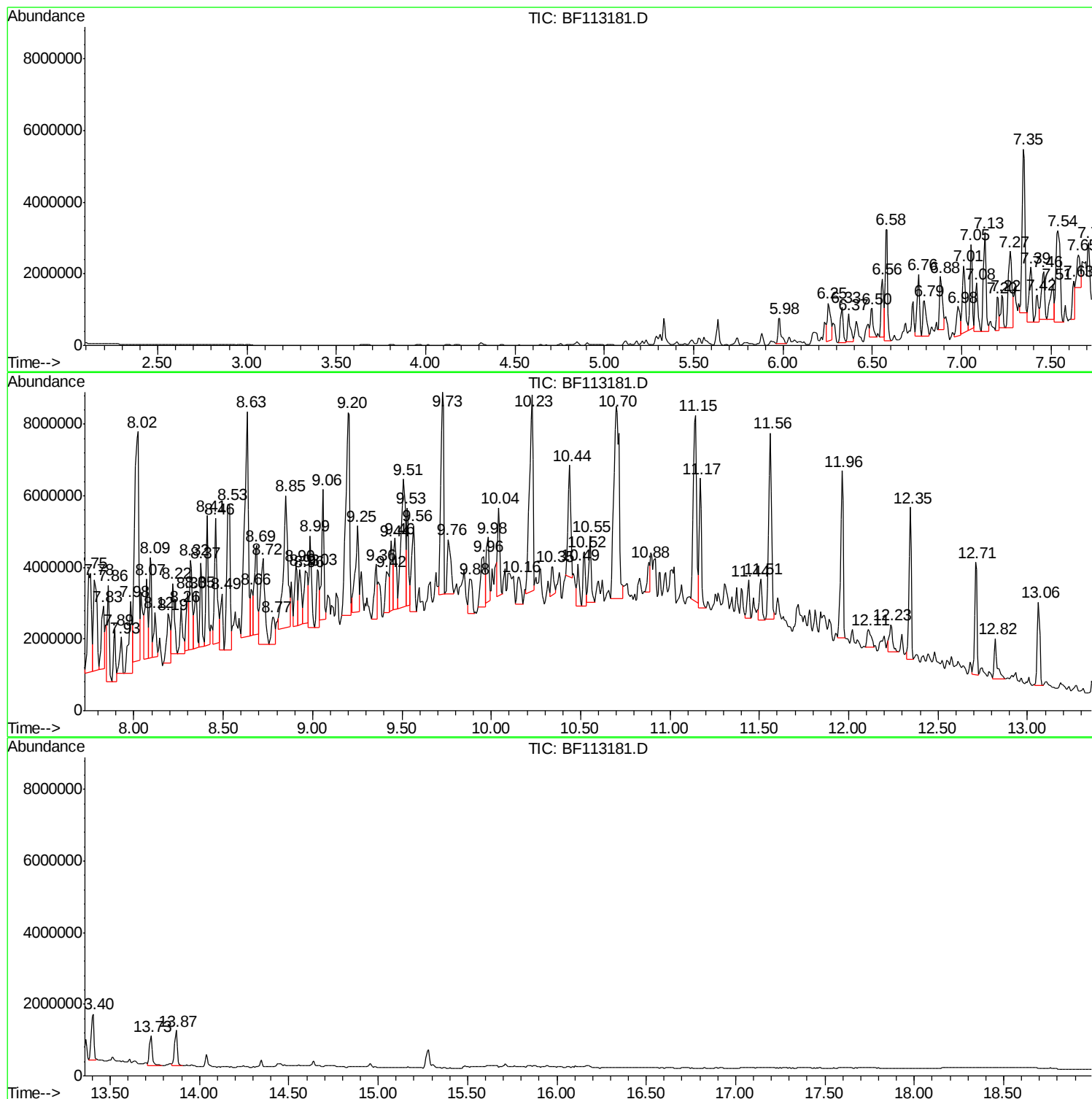
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Instrument :
BNA_F
ClientSampled :
30211-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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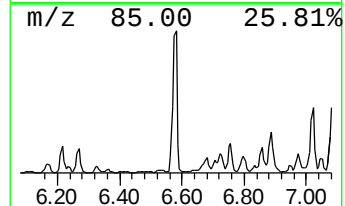
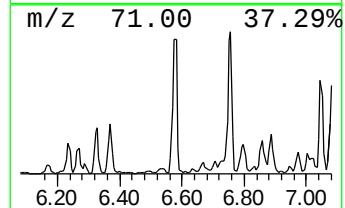
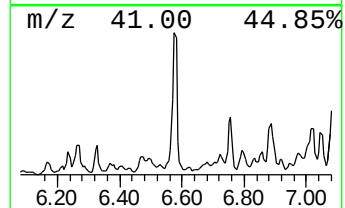
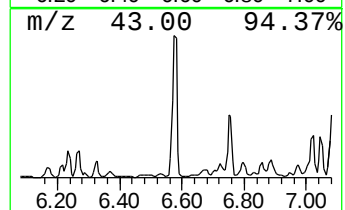
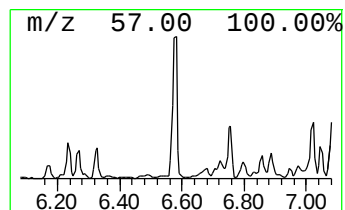
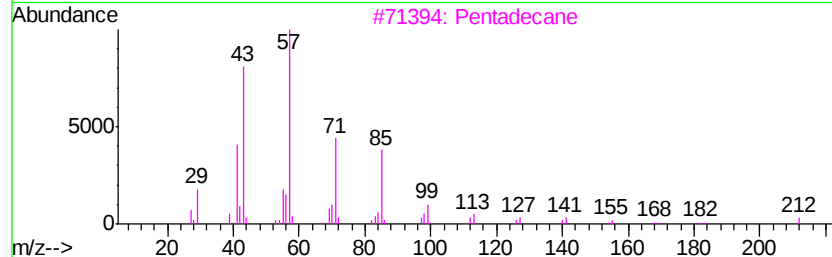
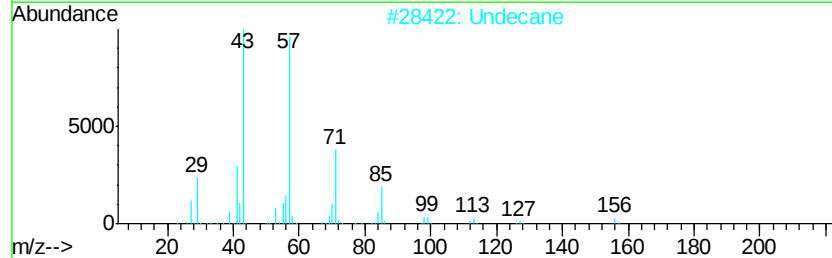
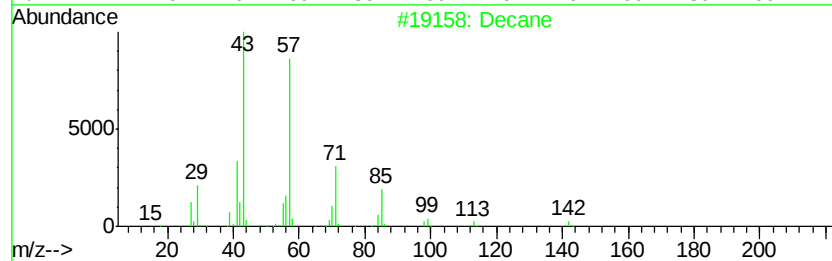
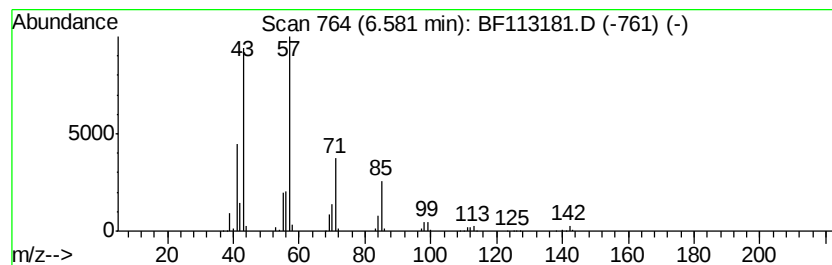
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	39.31 ng	3149620	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	95
2		Undecane	156	C11H24	001120-21-4	90
3		Pentadecane	212	C15H32	000629-62-9	72
4		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
5		Nonane	128	C9H20	000111-84-2	64



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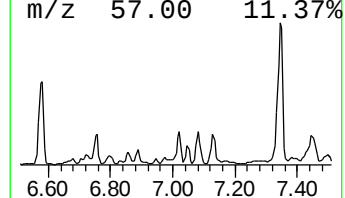
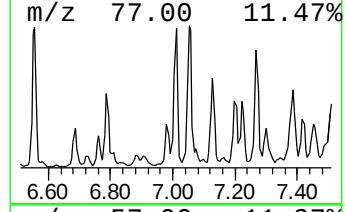
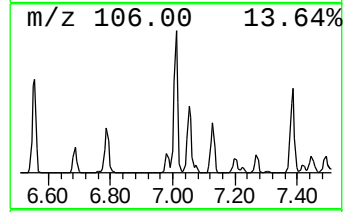
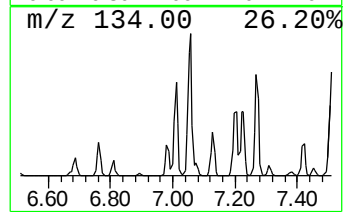
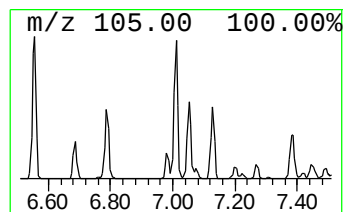
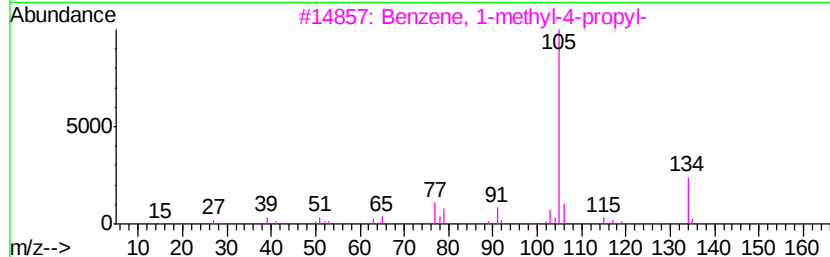
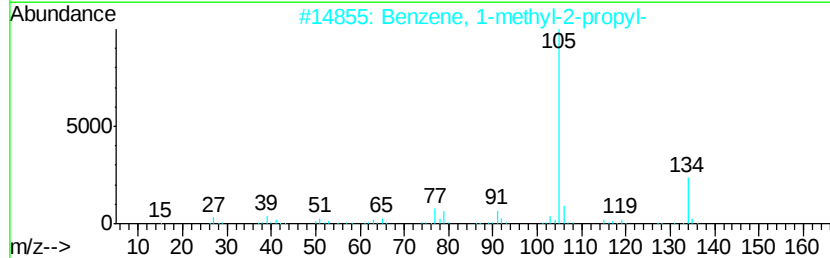
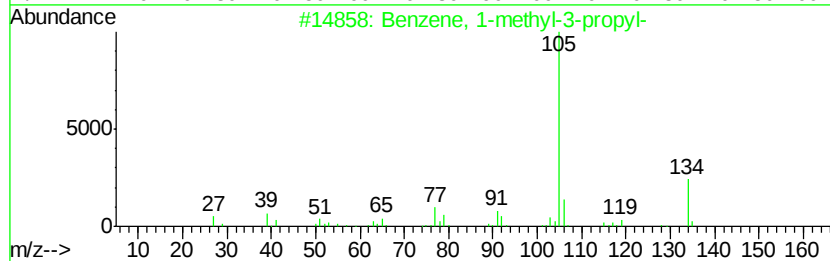
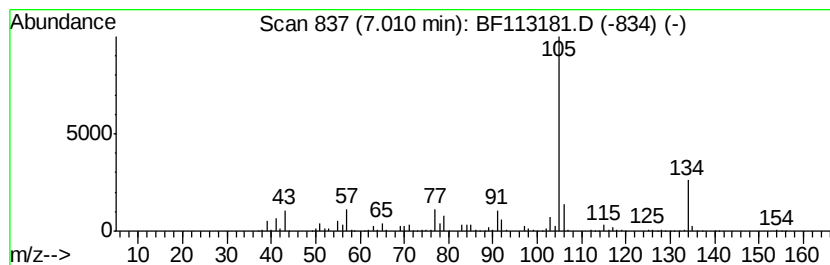
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-methyl-3-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	30.35 ng	2431570	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	76
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76
4		2-Tolyloxirane	134	C9H10O	002783-26-8	68
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	68



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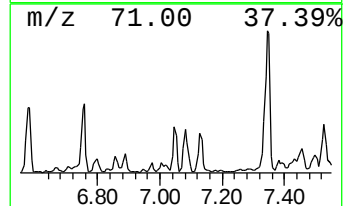
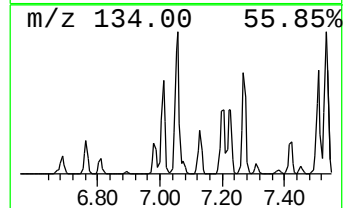
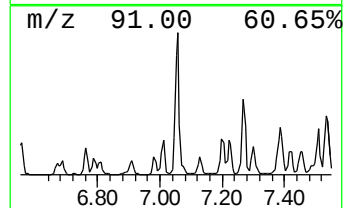
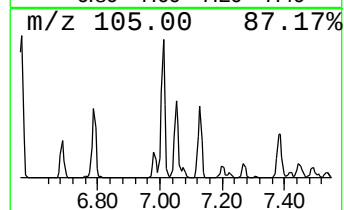
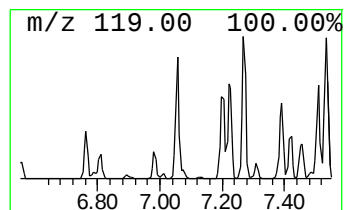
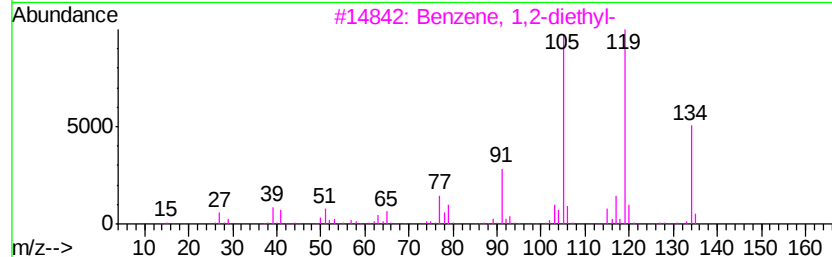
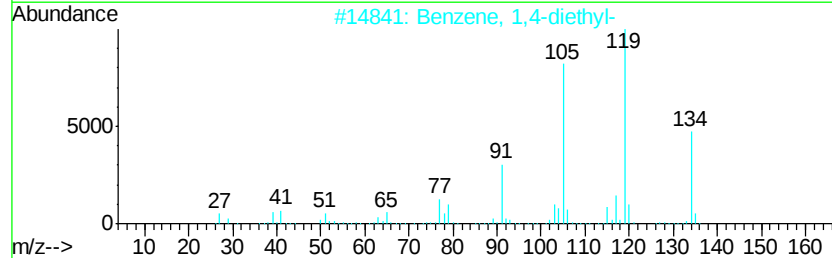
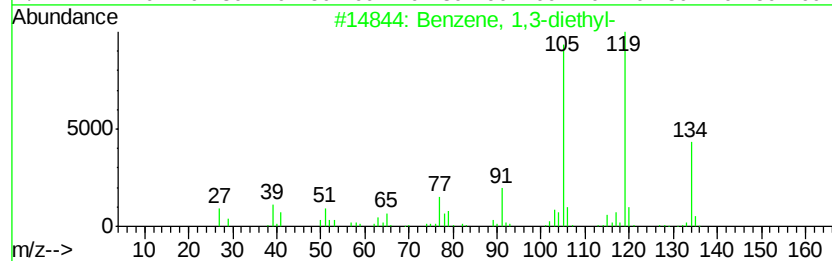
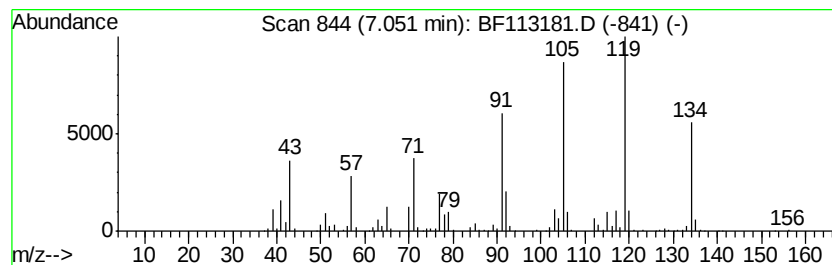
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,3-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	28.72 ng	2301250	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	89
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	89
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81



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Data File : BF113181.D
Acq On : 20 Mar 2019 19:58
Operator : JU/SJ
Sample : K1994-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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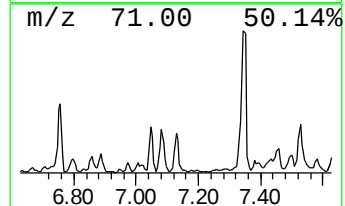
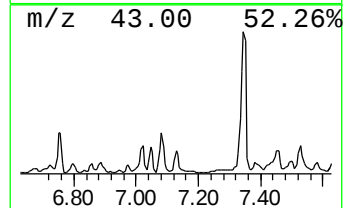
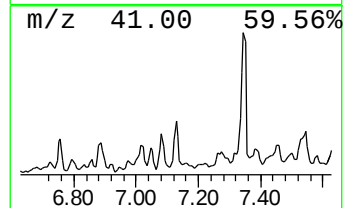
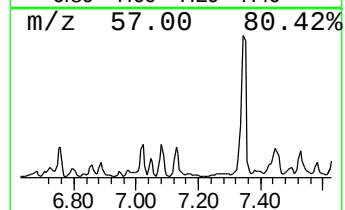
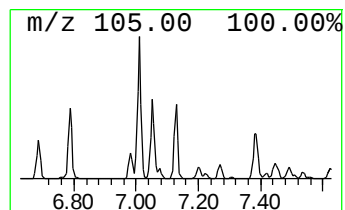
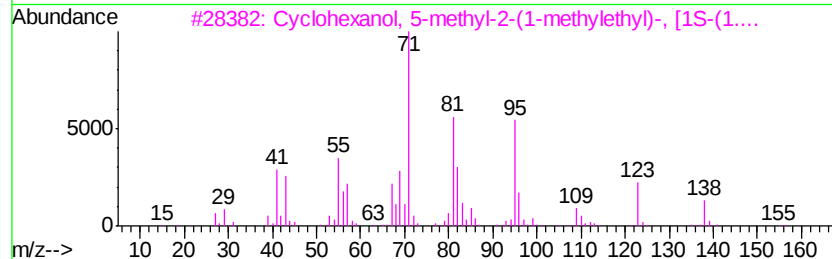
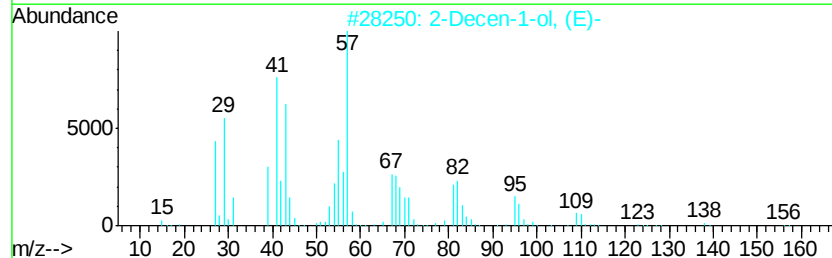
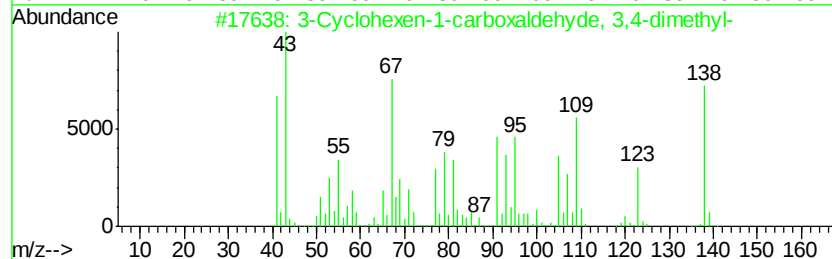
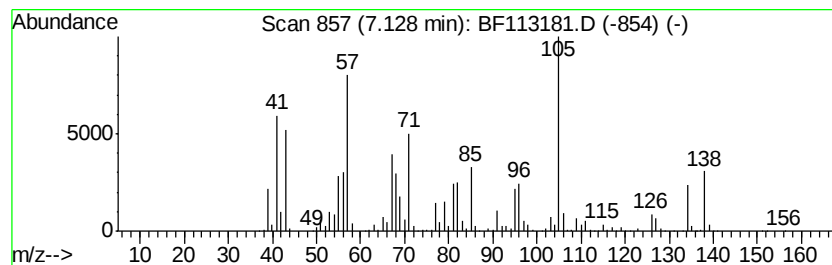
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.13 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	31.45 ng	2519830	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Cyclohexen-1-carboxaldehyde, 3...	138	C9H14O	1000131-99-4	30
2		2-Decen-1-ol, (E)-	156	C10H20O	018409-18-2	30
3		Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	023283-97-8	27
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	25
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	25



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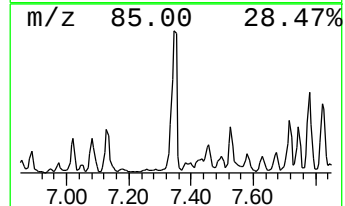
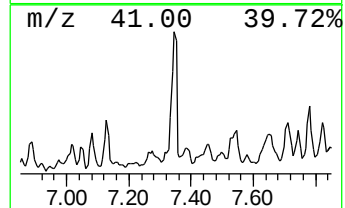
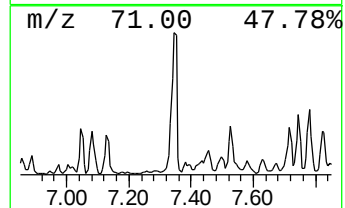
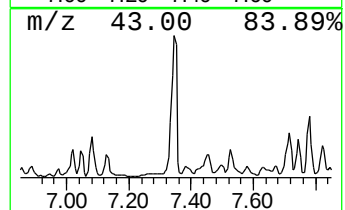
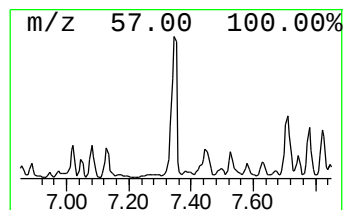
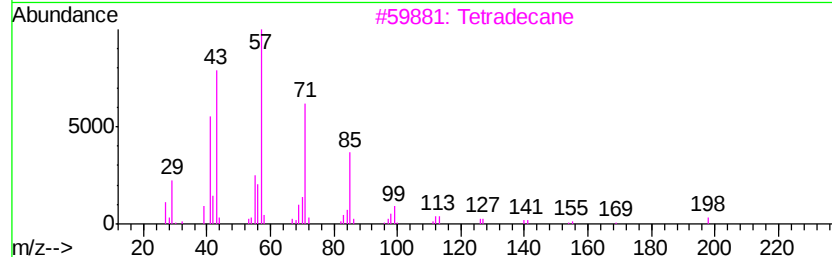
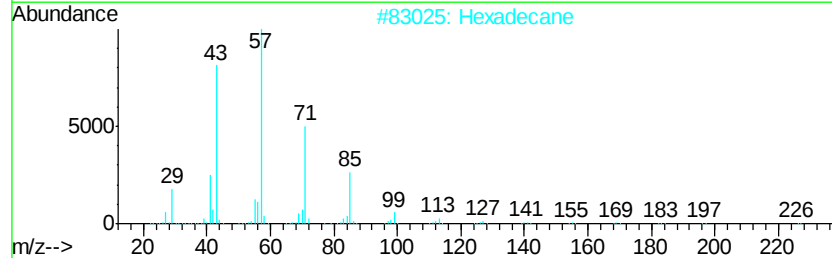
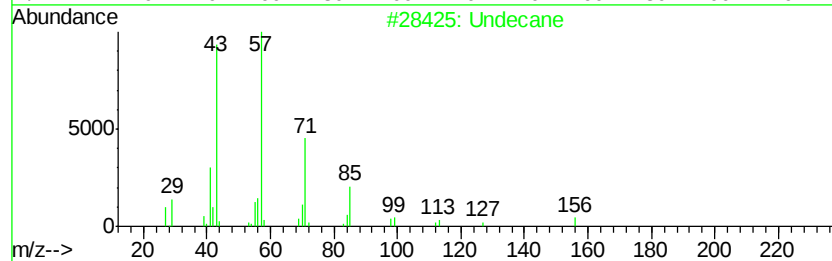
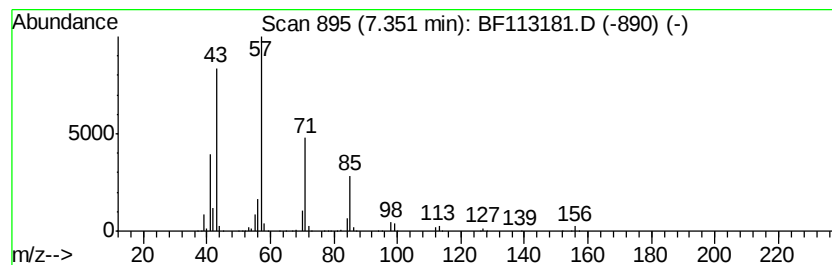
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	59.47 ng	4765050	1,4-Dichlorobenzene-d4	6.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	91
2	Hexadecane		226	C16H34	000544-76-3	90
3	Tetradecane		198	C14H30	000629-59-4	90
4	Tridecane		184	C13H28	000629-50-5	86
5	Decane, 2,3,6-trimethyl-		184	C13H28	062238-12-4	83



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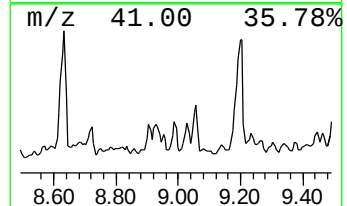
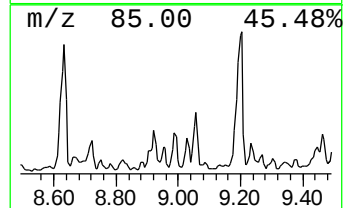
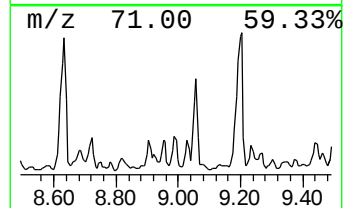
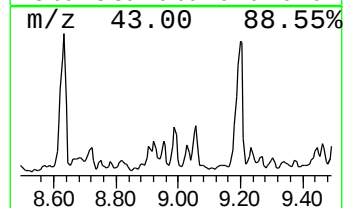
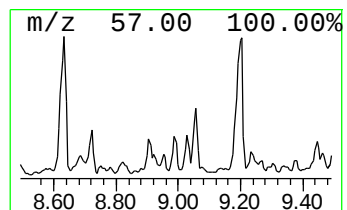
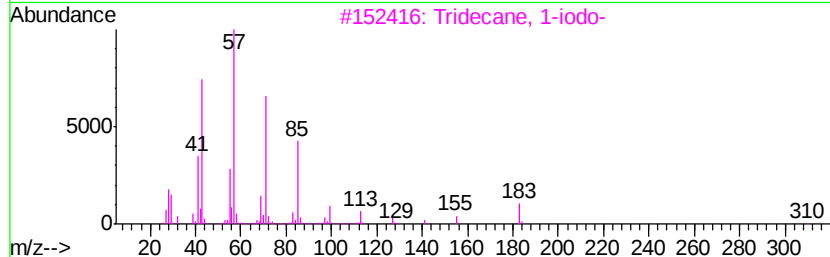
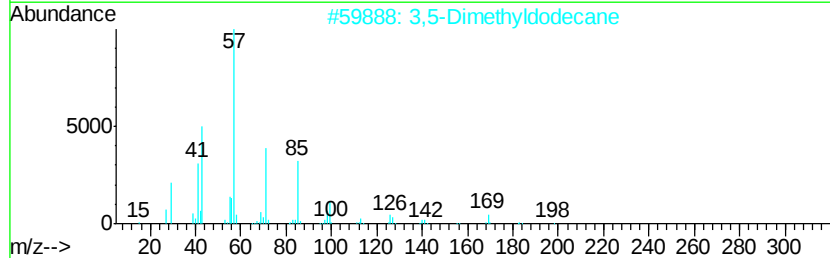
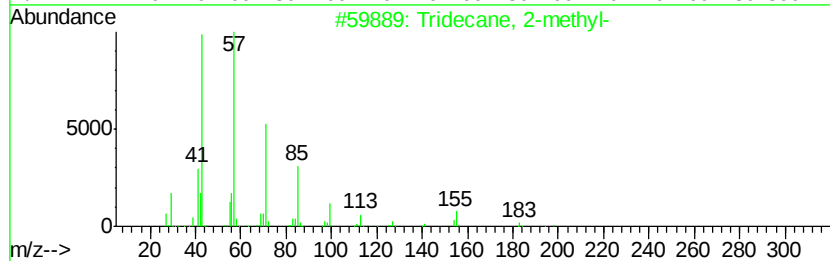
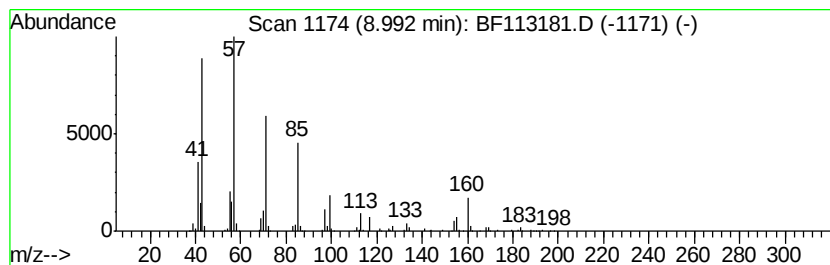
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	19.26 ng	2269030	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	95
2		3,5-Dimethyldodecane	198	C14H30	107770-99-0	53
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	52
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	47
5		Tridecane, 4-methyl-	198	C14H30	026730-12-1	38



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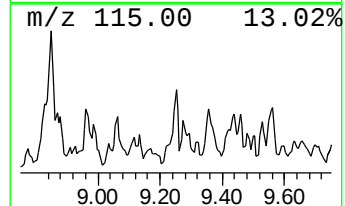
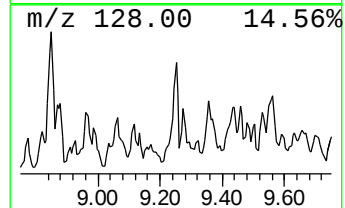
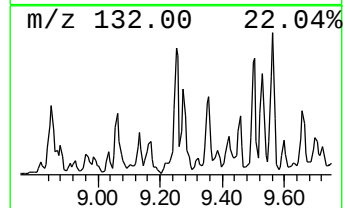
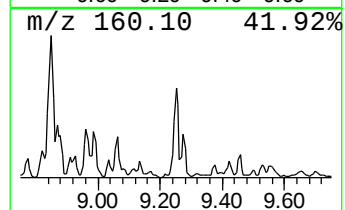
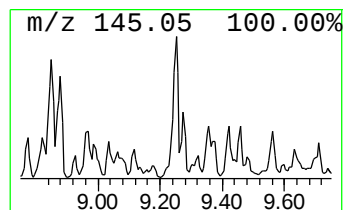
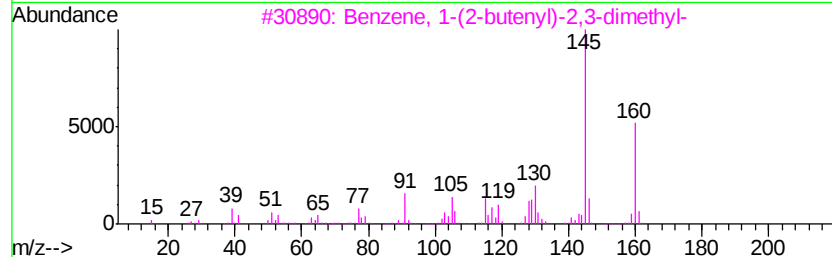
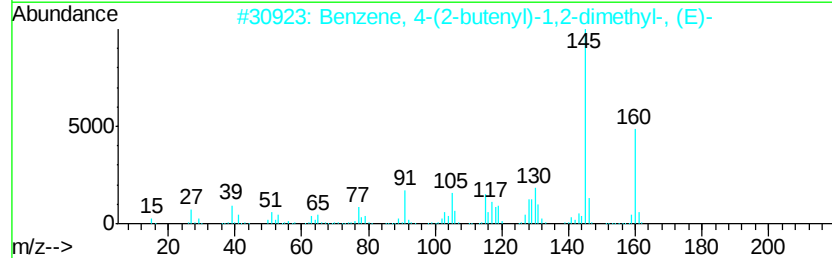
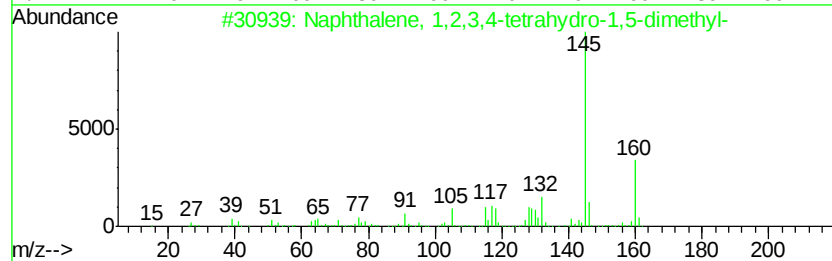
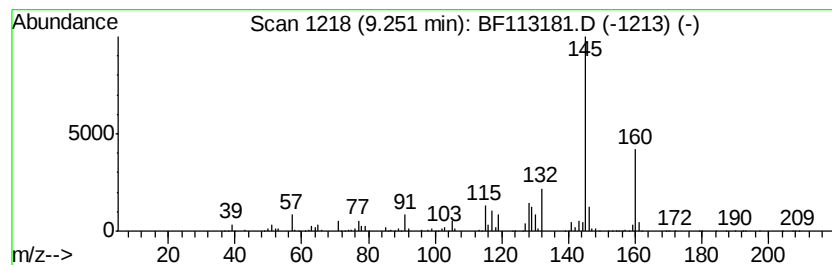
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	27.68 ng	3260980	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	94
2		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	93
3		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	91
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	91



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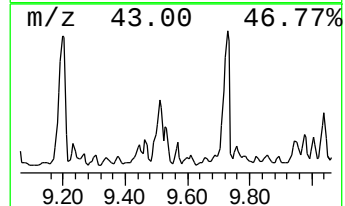
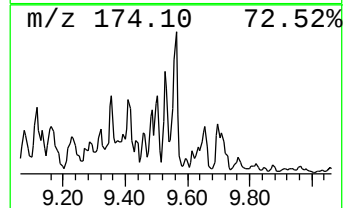
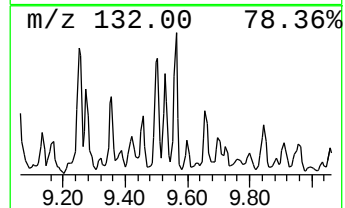
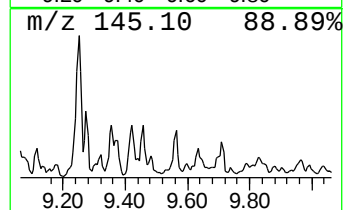
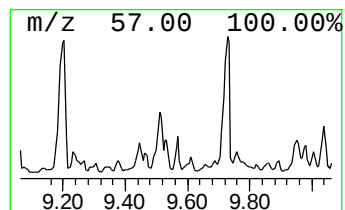
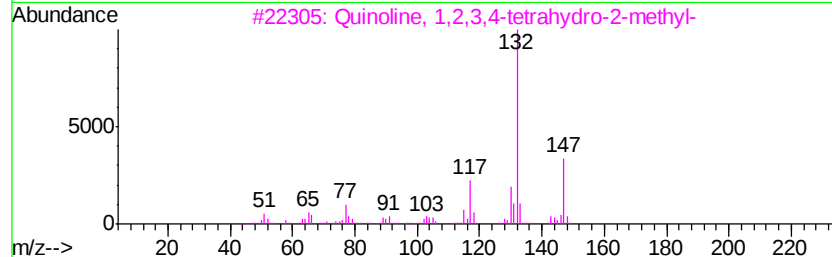
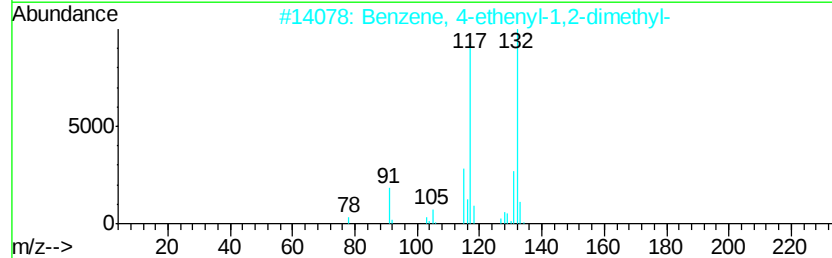
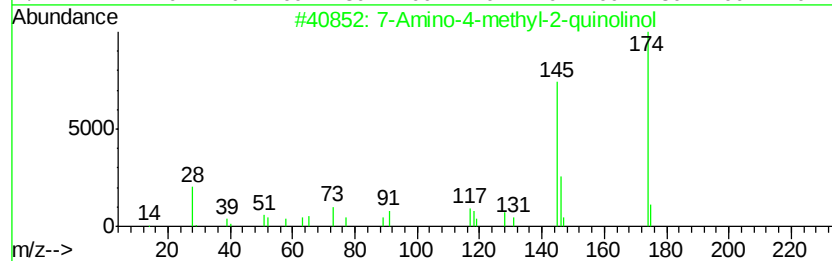
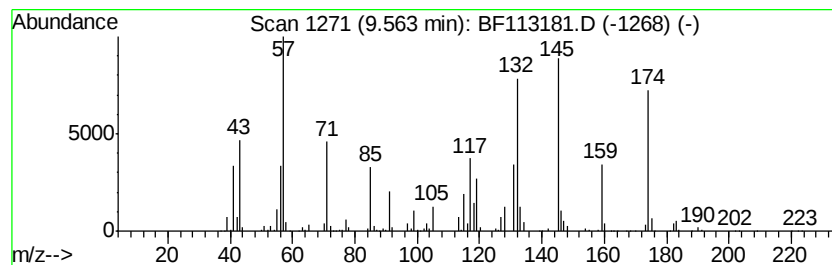
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.56 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	21.62 ng	2546780	Acenaphthene-d10	9.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Amino-4-methyl-2-quinolinol	174	C10H10N2O	019840-99-4	27
2			Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	22
3			Quinoline, 1,2,3,4-tetrahydro-2-...	147	C10H13N	001780-19-4	18
4			5-Quinolinol	145	C9H7NO	000578-67-6	14
5			Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	14



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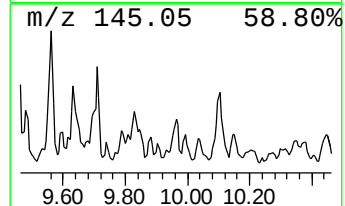
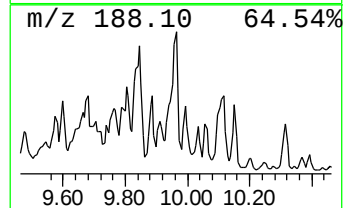
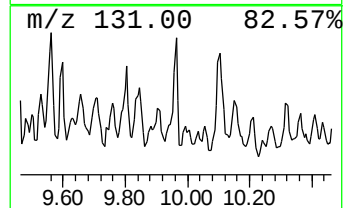
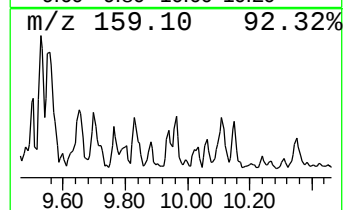
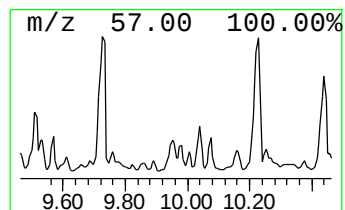
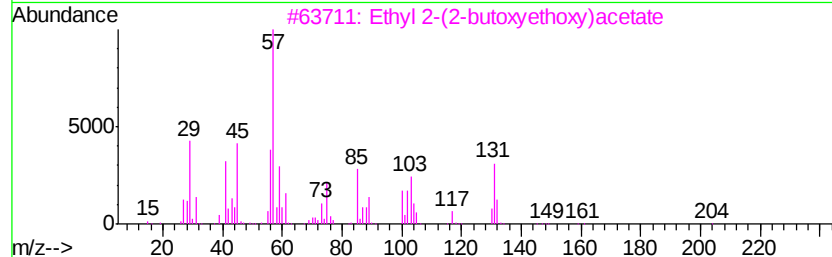
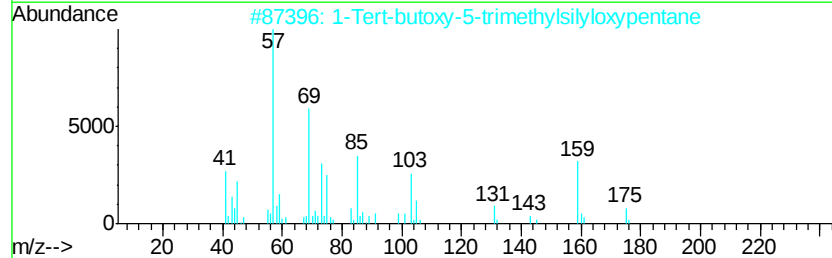
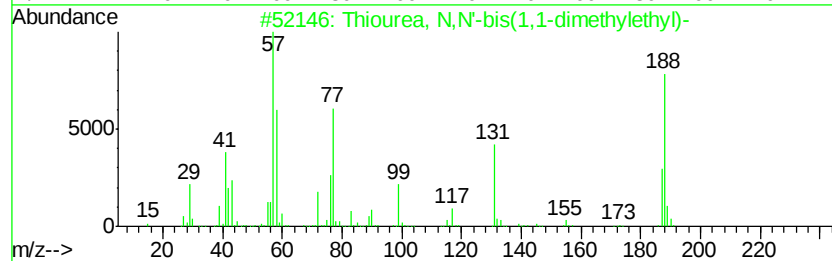
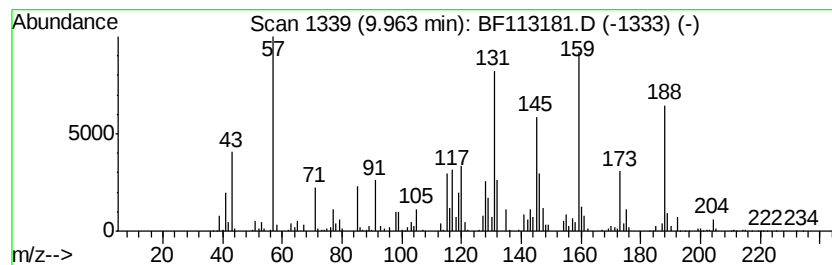
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown9.96 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	21.92 ng	2582420	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiourea, N,N'-bis(1,1-dimethyle...	188	C9H20N2S	004041-95-6	9
2		1-Tert-butoxy-5-trimethylsilylox...	232	C12H28O2Si	091988-80-6	9
3		Ethyl 2-(2-butoxyethoxy)acetate	204	C10H20O4	1000366-89-2	9
4		4-t-Butoxy-3-hydroxy-butyric aci...	204	C10H20O4	1000192-41-5	9
5		Isobutyl undecyl carbonate	272	C16H32O3	1000372-78-8	7



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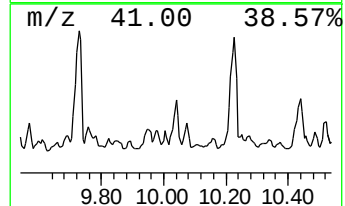
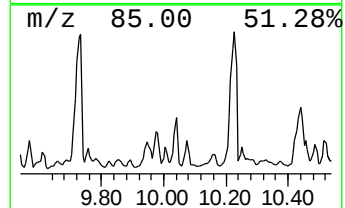
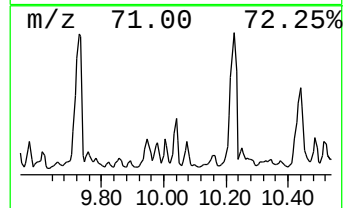
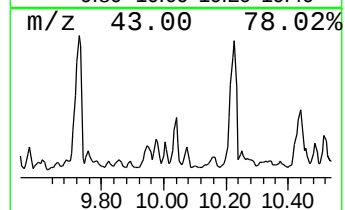
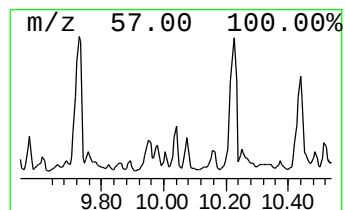
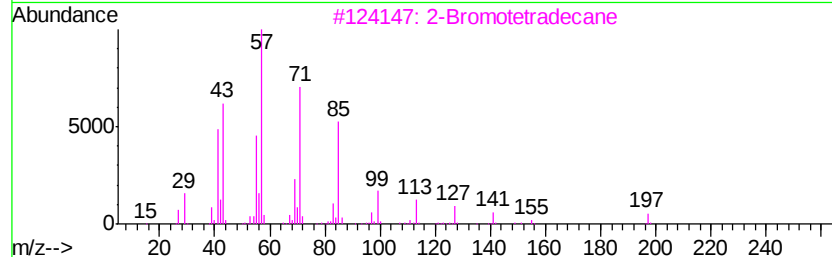
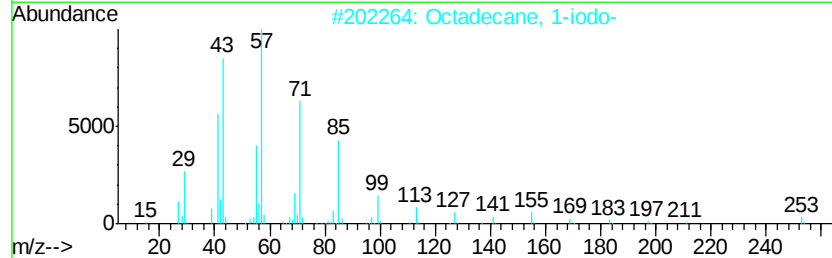
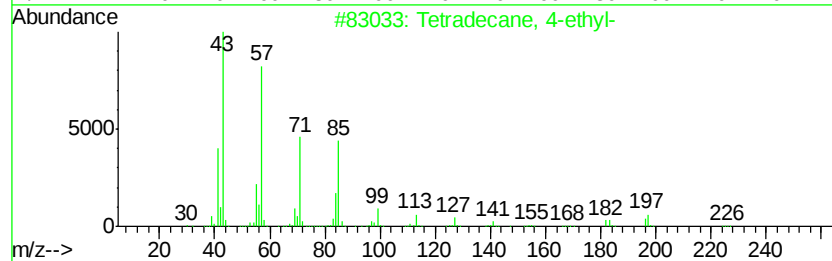
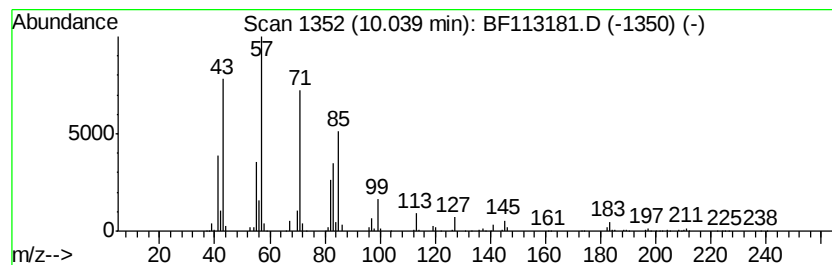
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ClientSampleID :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetradecane, 4-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	19.90 ng	2343810	Acenaphthene-d10	9.77
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane, 4-ethyl-	226 C16H34	055045-14-2 68
2		Octadecane, 1-iodo-	380 C18H37I	000629-93-6 68
3		2-Bromotetradecane	276 C14H29Br	074036-95-6 64
4		Tridecane, 7-propyl-	226 C16H34	055045-09-5 60
5		Tridecane, 1-iodo-	310 C13H27I	035599-77-0 59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113181.D
Acq On : 20 Mar 2019 19:58
Operator : JU/SJ
Sample : K1994-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

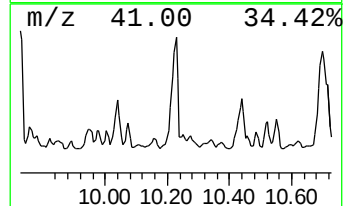
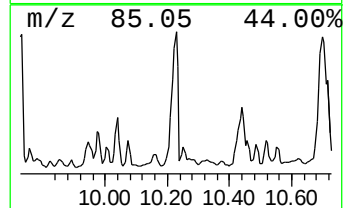
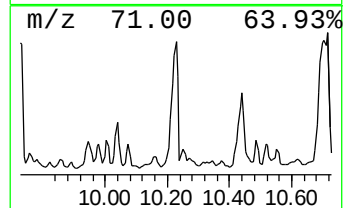
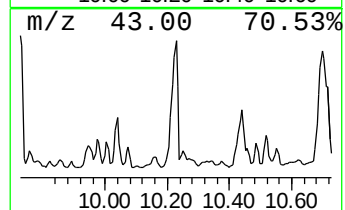
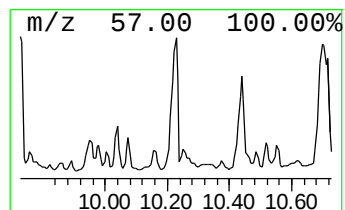
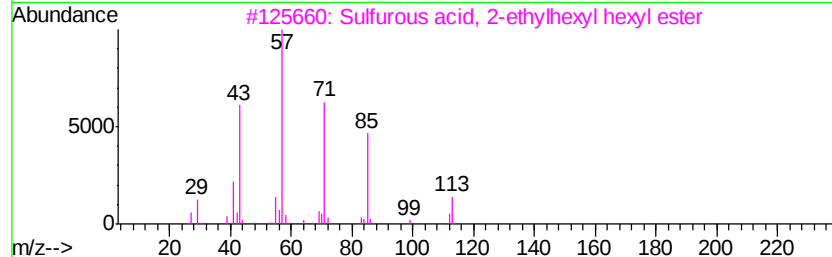
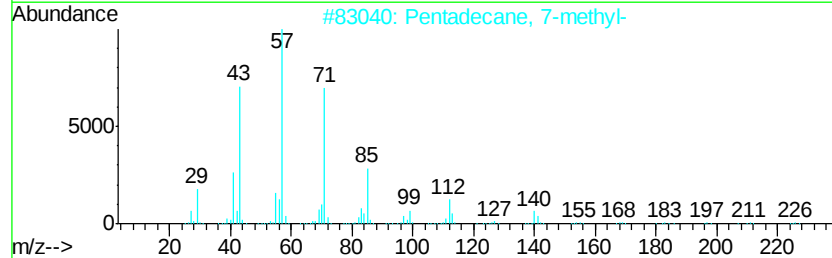
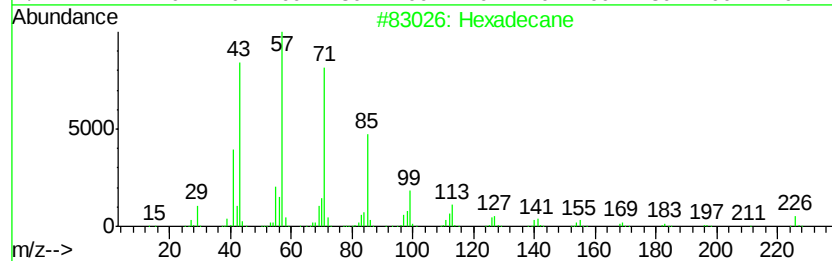
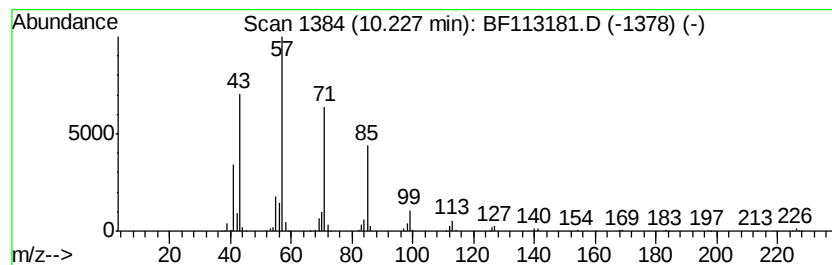
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.23	64.68 ng	7620150	Acenaphthene-d10	9.77	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	74
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113181.D
Acq On : 20 Mar 2019 19:58
Operator : JU/SJ
Sample : K1994-03 5X
Misc :
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Instrument :
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ClientSampleId :
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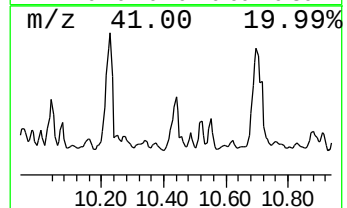
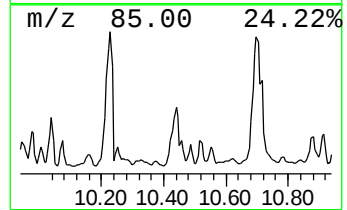
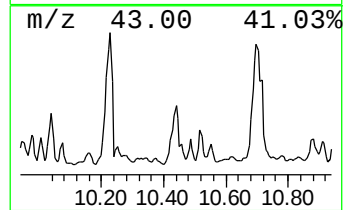
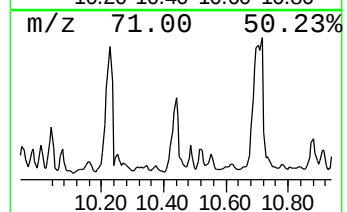
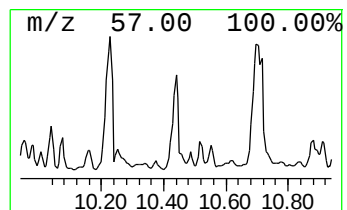
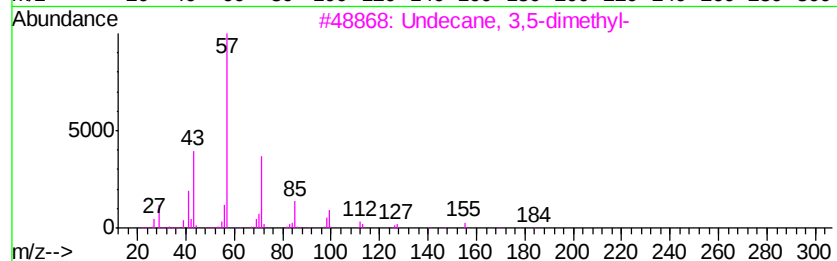
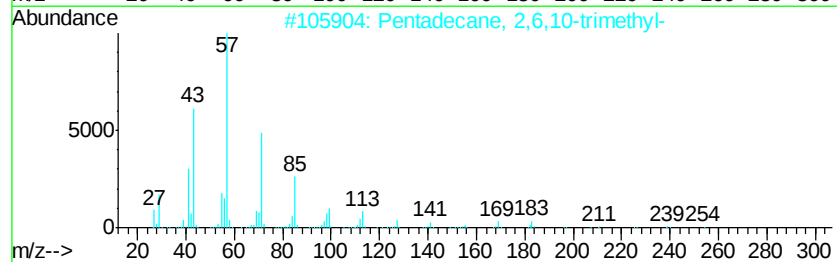
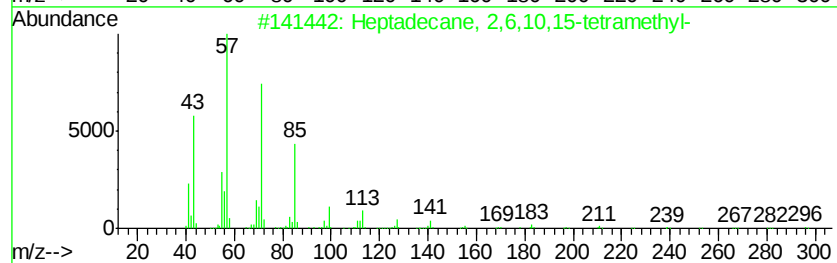
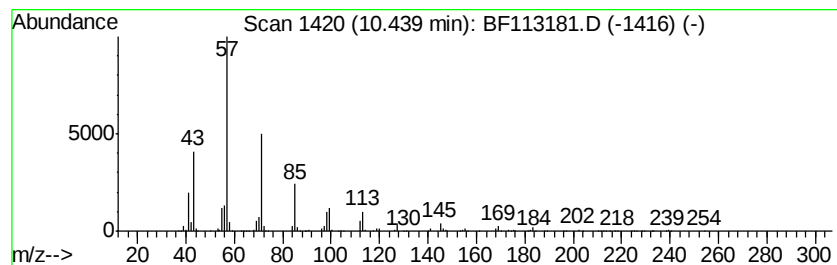
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane, 2,6,10,15-tetr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	28.29 ng	3333010	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	68
3		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	59
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113181.D
Acq On : 20 Mar 2019 19:58
Operator : JU/SJ
Sample : K1994-03 5X
Misc :
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ClientSampleId :
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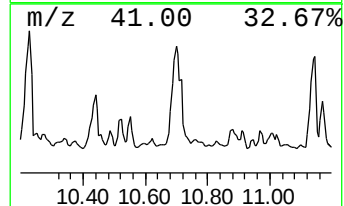
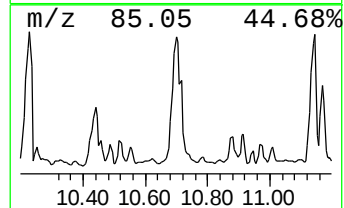
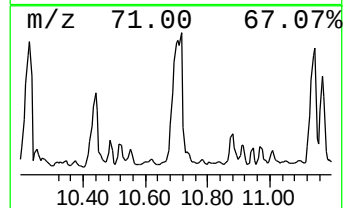
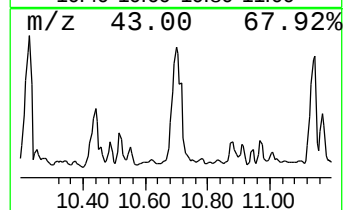
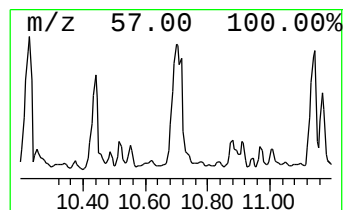
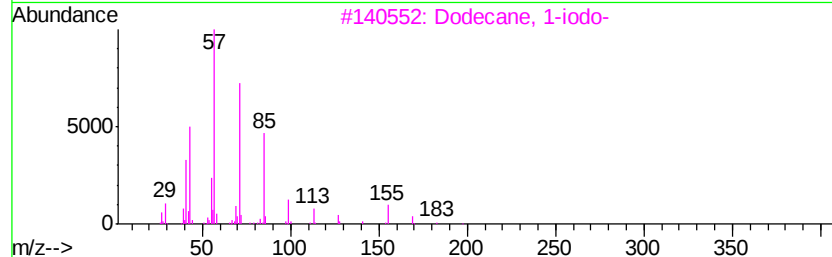
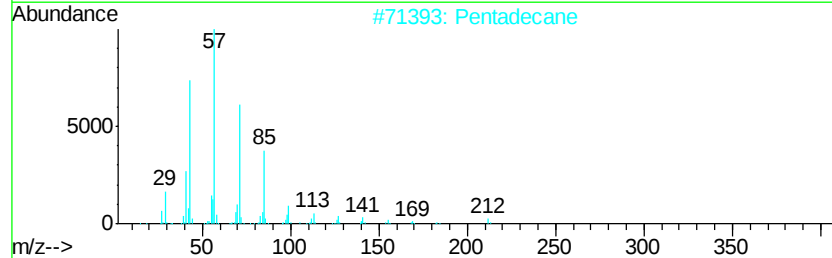
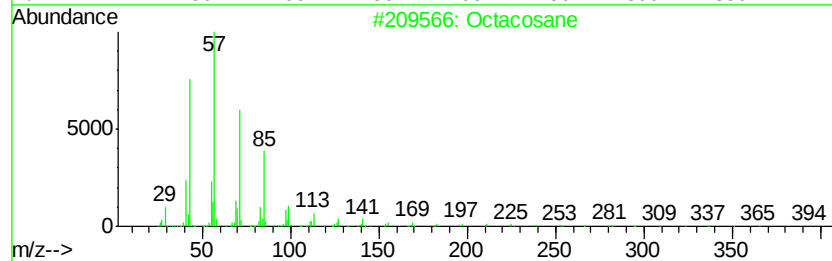
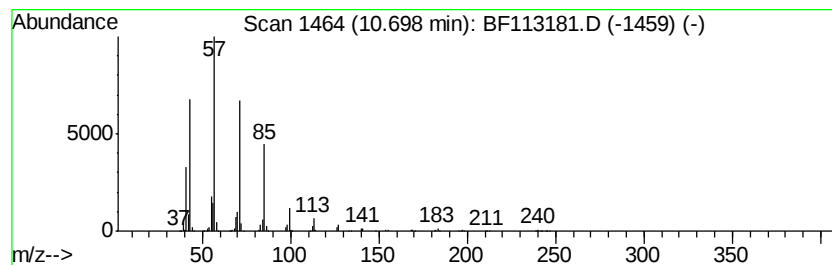
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	66.93 ng	11326400	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Pentadecane	212	C15H32	000629-62-9	87
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4		Hexadecane	226	C16H34	000544-76-3	78
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113181.D
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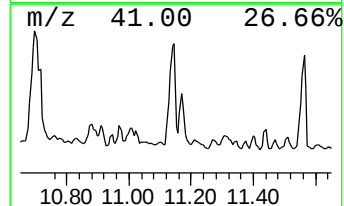
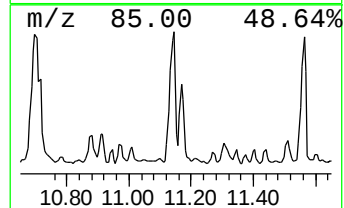
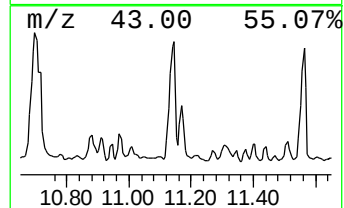
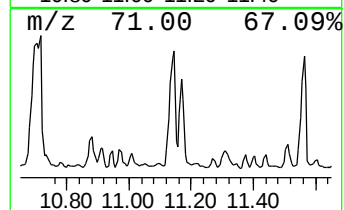
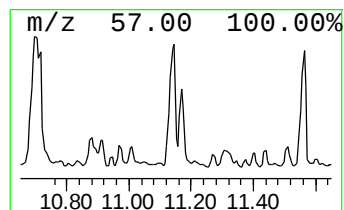
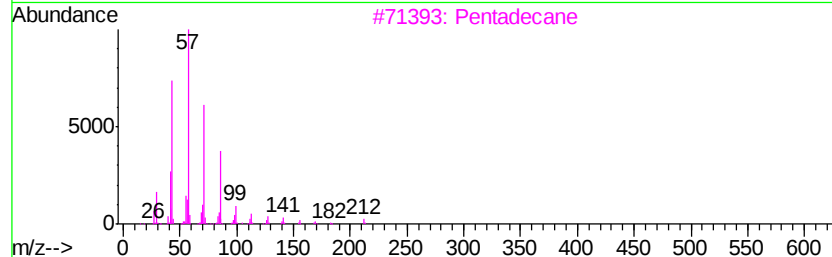
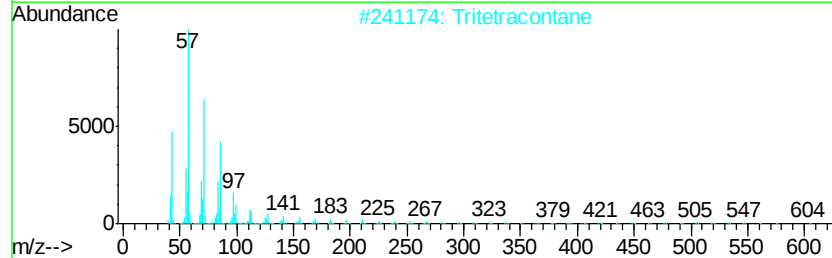
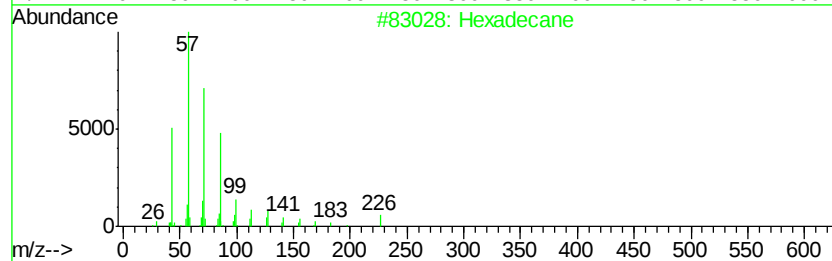
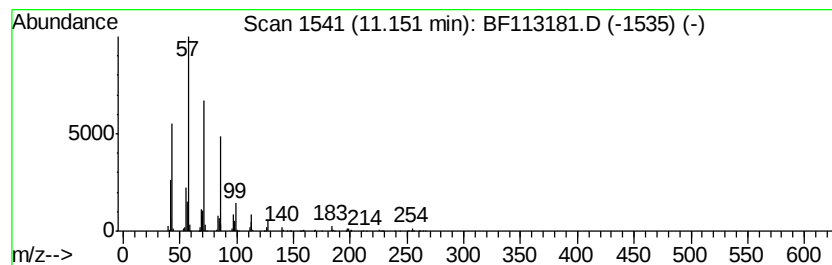
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tritetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	38.99 ng	6597480	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Tritetracontane	605	C43H88	007098-21-7	90
3		Pentadecane	212	C15H32	000629-62-9	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113181.D
Acq On : 20 Mar 2019 19:58
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Sample : K1994-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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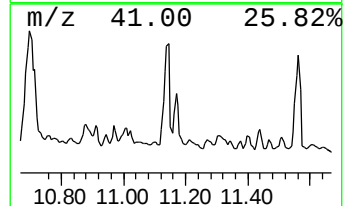
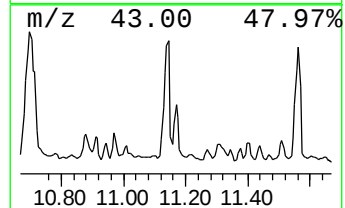
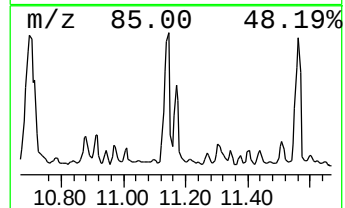
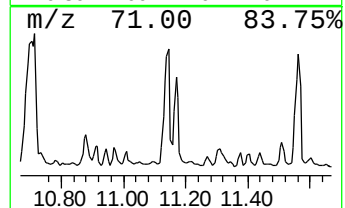
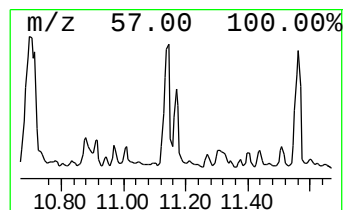
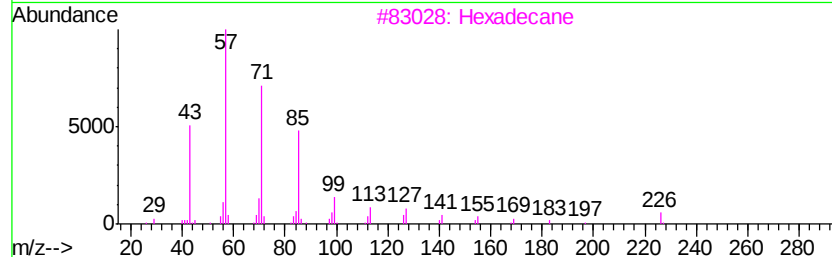
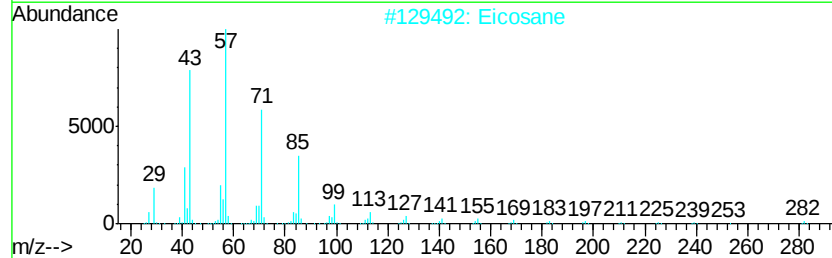
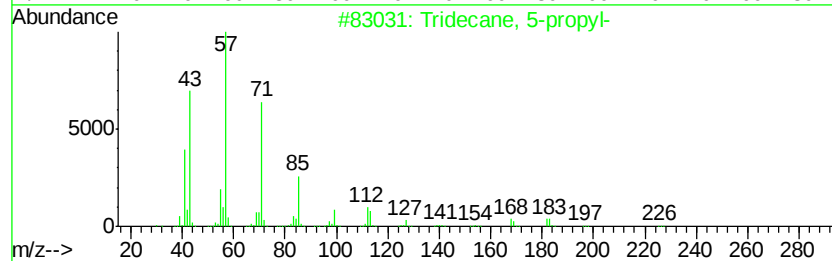
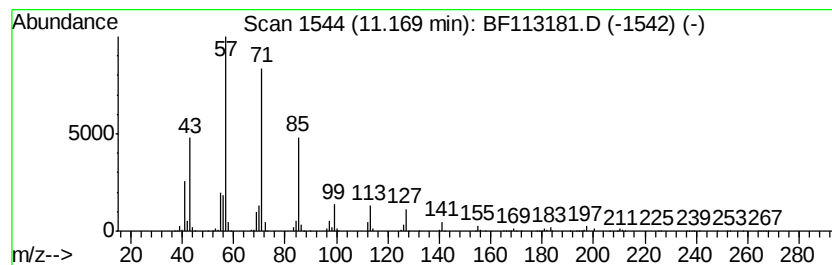
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 5-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	20.00 ng	3384560	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2		Eicosane	282	C20H42	000112-95-8	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
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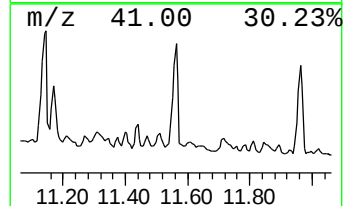
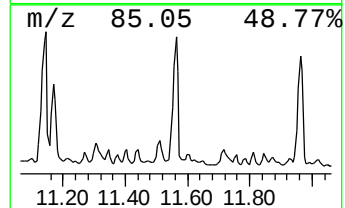
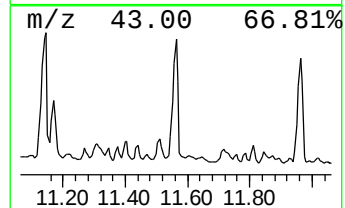
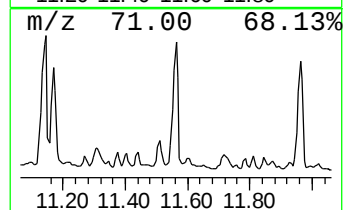
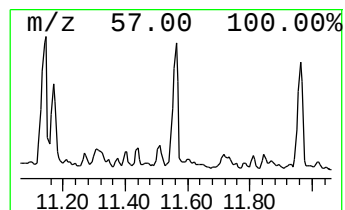
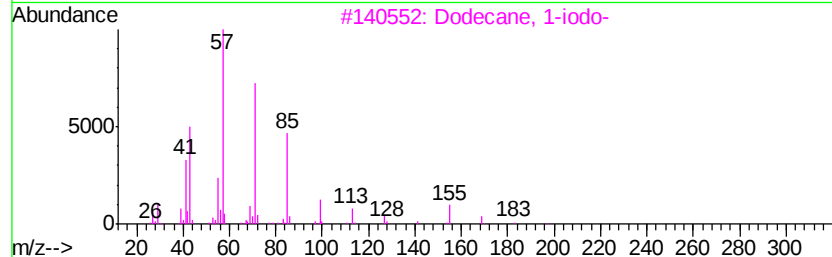
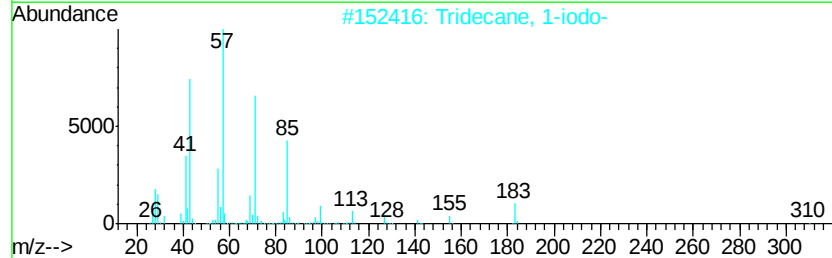
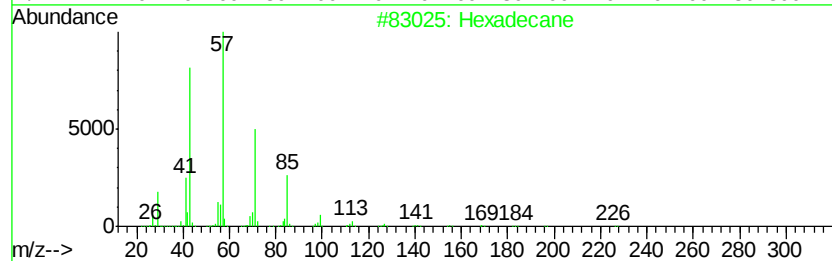
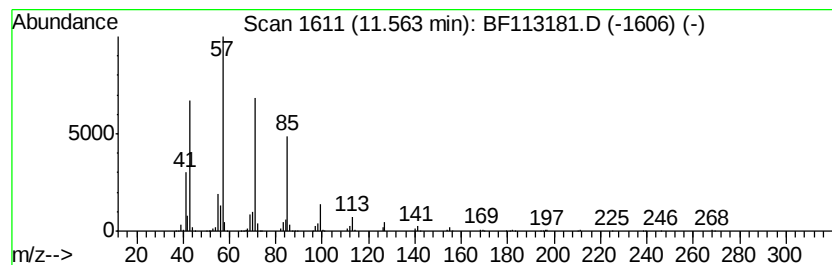
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.56	34.54 ng	5845020	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Pentadecane	212	C15H32	000629-62-9	80
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113181.D
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Sample : K1994-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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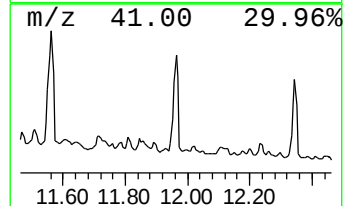
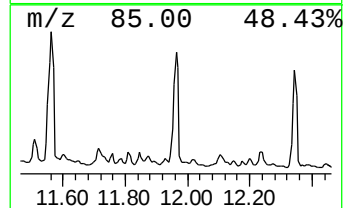
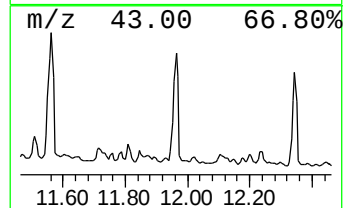
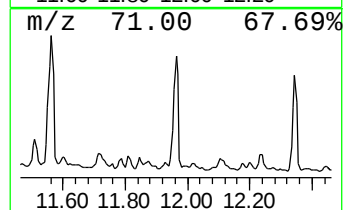
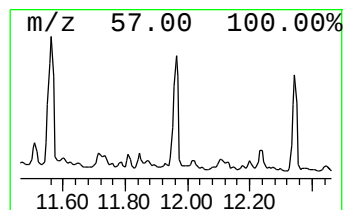
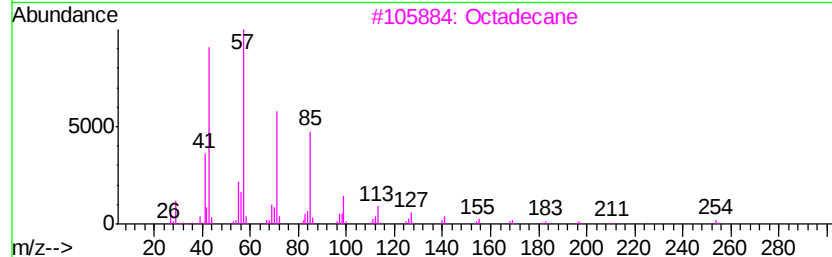
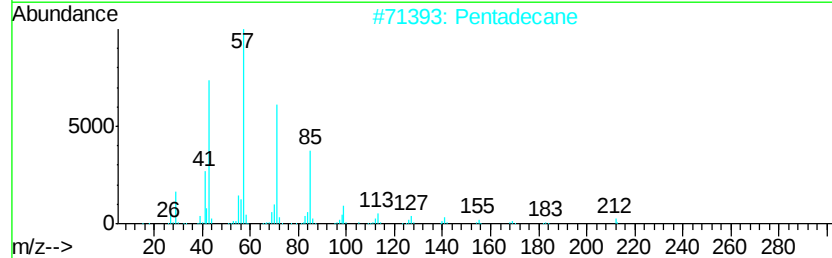
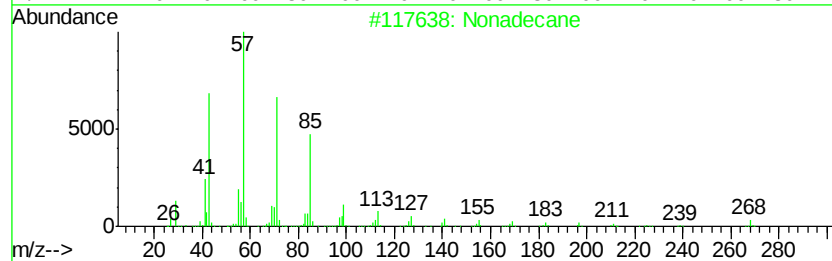
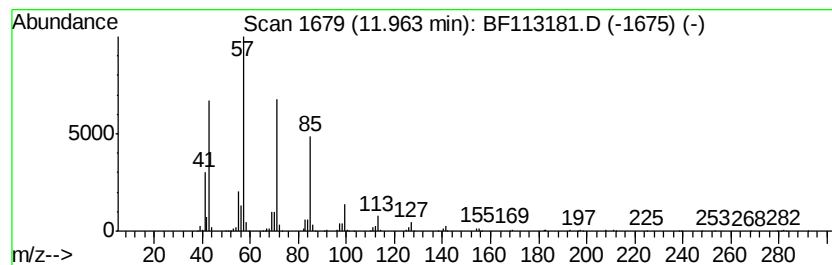
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	29.12 ng	4927610	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Pentadecane	212	C15H32	000629-62-9	90
3		Octadecane	254	C18H38	000593-45-3	90
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113181.D
Acq On : 20 Mar 2019 19:58
Operator : JU/SJ
Sample : K1994-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30211-16

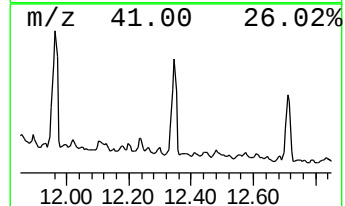
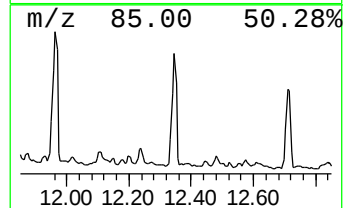
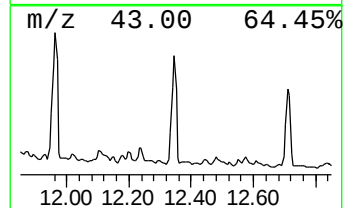
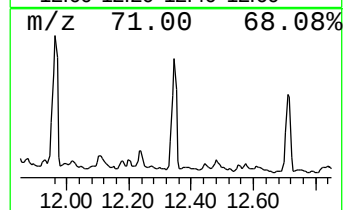
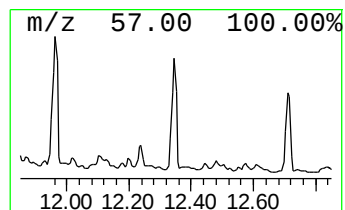
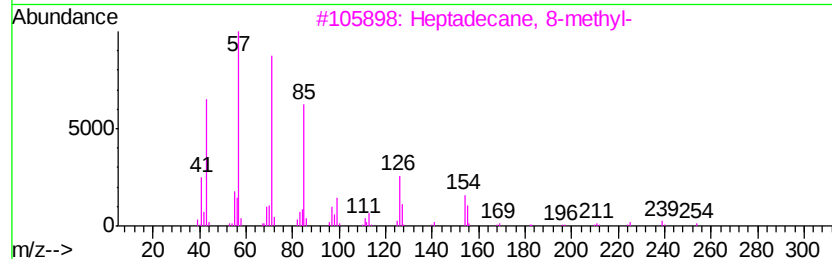
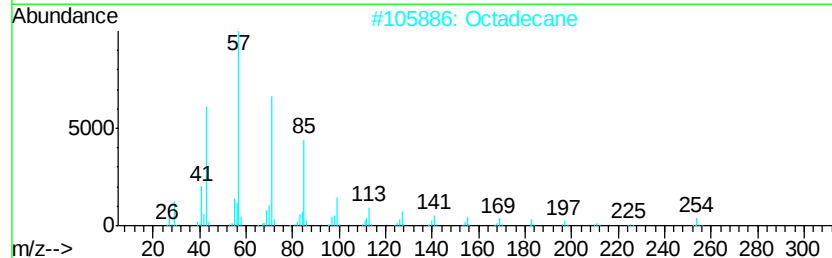
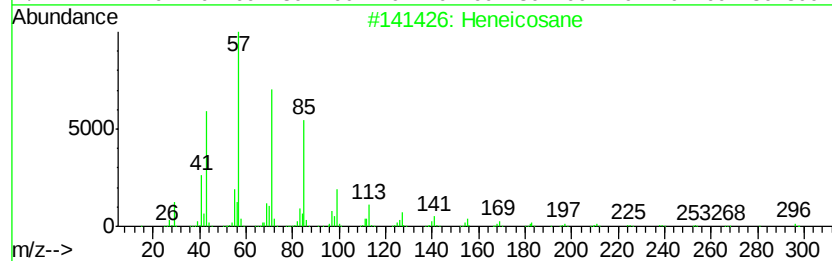
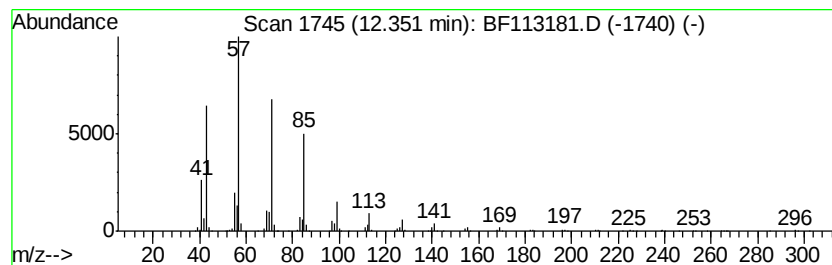
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	25.08 ng	4244900	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Octadecane	254	C18H38	000593-45-3	94
3		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	94
4		Nonadecane	268	C19H40	000629-92-5	91
5		Pentadecane	212	C15H32	000629-62-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113181.D
Acq On : 20 Mar 2019 19:58
Operator : JU/SJ
Sample : K1994-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30211-16

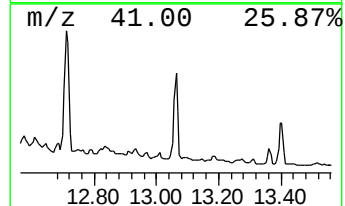
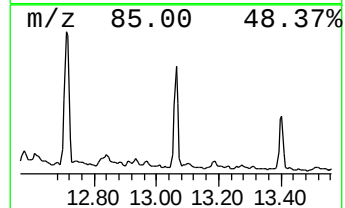
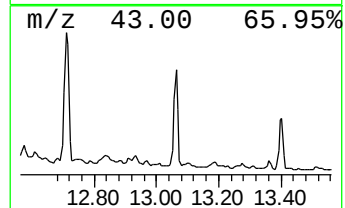
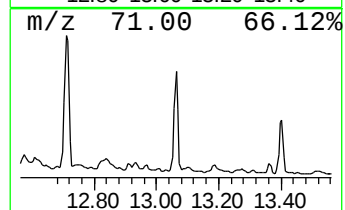
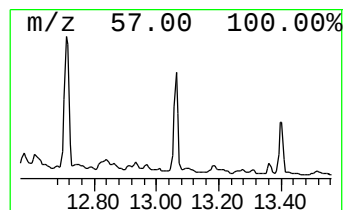
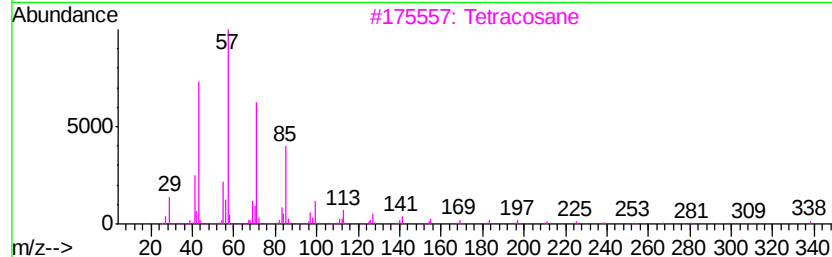
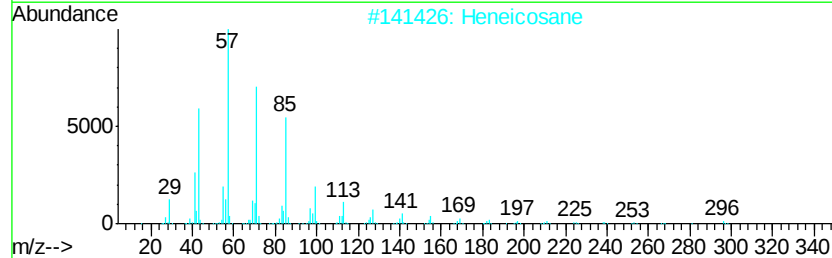
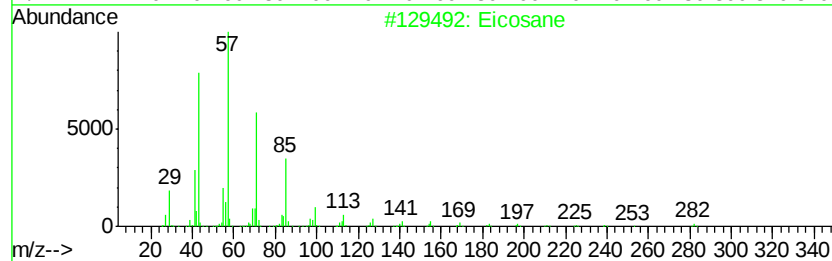
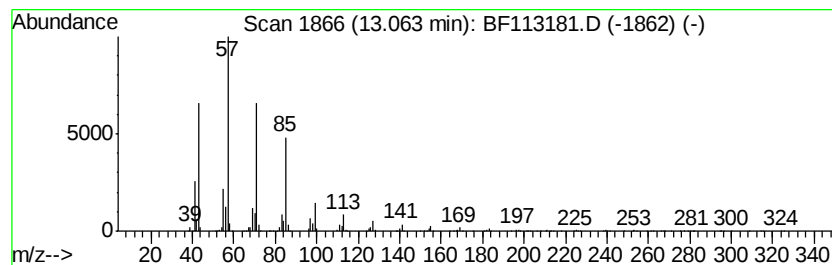
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	45.52 ng	2077930	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
5		Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113181.D
Acq On : 20 Mar 2019 19:58
Operator : JU/SJ
Sample : K1994-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30211-16

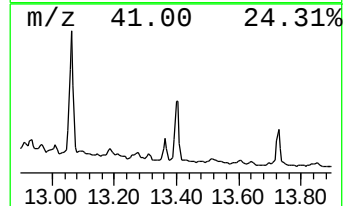
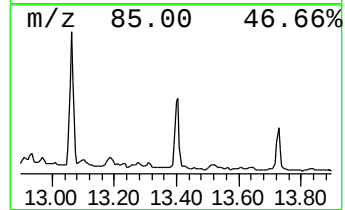
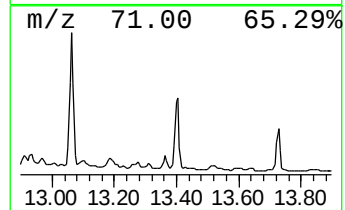
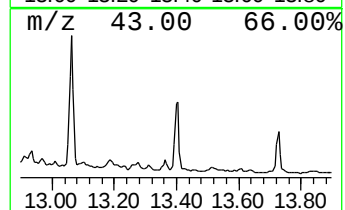
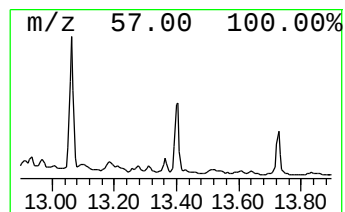
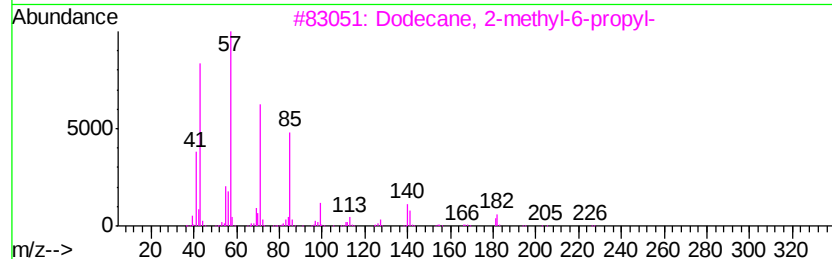
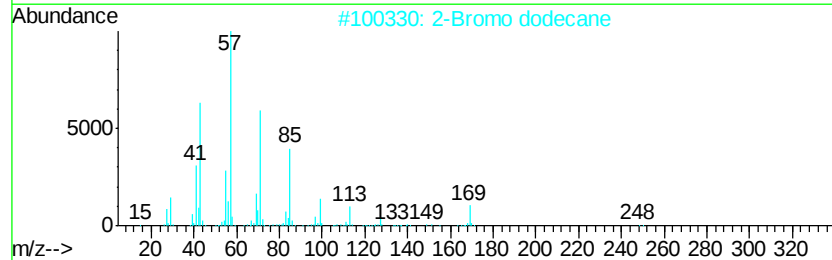
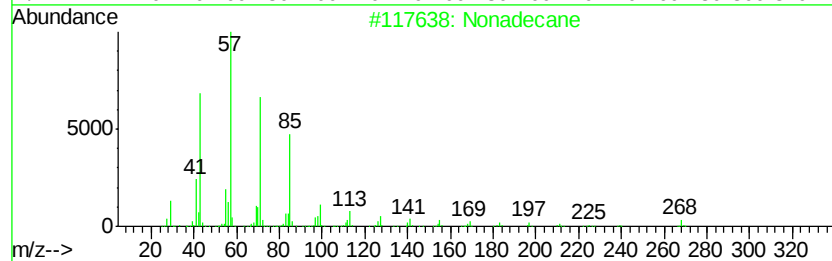
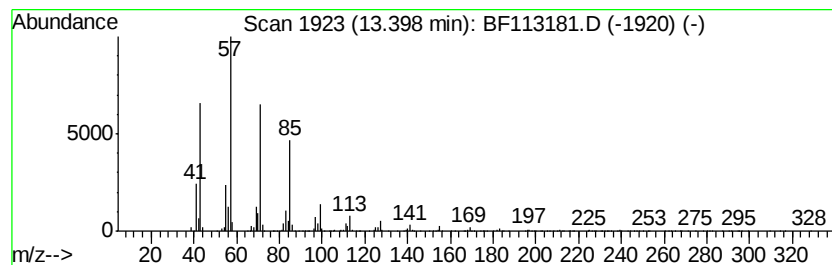
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	26.88 ng	1226880	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	95
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octadecane	254	C18H38	000593-45-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113181.D
 Acq On : 20 Mar 2019 19:58
 Operator : JU/SJ
 Sample : K1994-03 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
Decane	6.58	39.3	ng	3149620	1	6.73	1602600	20.0
Benzene, 1-methyl...	7.01	30.4	ng	2431570	1	6.73	1602600	20.0
Benzene, 1,3-diet...	7.05	28.7	ng	2301250	1	6.73	1602600	20.0
unknown7.13	7.13	31.4	ng	2519830	1	6.73	1602600	20.0
Undecane	7.35	59.5	ng	4765050	1	6.73	1602600	20.0
Tridecane, 2-methyl-	8.99	19.3	ng	2269030	3	9.77	2356110	20.0
Naphthalene, 1,2,...	9.25	27.7	ng	3260980	3	9.77	2356110	20.0
unknown9.56	9.56	21.6	ng	2546780	3	9.77	2356110	20.0
unknown9.96	9.96	21.9	ng	2582420	3	9.77	2356110	20.0
Tetradecane, 4-et...	10.04	19.9	ng	2343810	3	9.77	2356110	20.0
Hexadecane	10.23	64.7	ng	7620150	3	9.77	2356110	20.0
Heptadecane, 2,6,...	10.44	28.3	ng	3333010	3	9.77	2356110	20.0
Octacosane	10.70	66.9	ng	11326400	4	11.25	3384560	20.0
Tritetracontane	11.15	39.0	ng	6597480	4	11.25	3384560	20.0
Tridecane, 5-propyl-	11.17	20.0	ng	3384560	4	11.25	3384560	20.0
Tridecane, 1-iodo-	11.56	34.5	ng	5845020	4	11.25	3384560	20.0
Pentadecane	11.96	29.1	ng	4927610	4	11.25	3384560	20.0
Heneicosane	12.35	25.1	ng	4244900	4	11.25	3384560	20.0
Eicosane	13.06	45.5	ng	2077930	5	13.87	912876	20.0
Nonadecane	13.40	26.9	ng	1226880	5	13.87	912876	20.0