

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021518\
 Data File : BF103022.D
 Acq On : 15 Feb 2018 17:21
 Operator : SJ/JU
 Sample : J1393-05 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-021418-C

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-BF020318.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	15	rVB	485061	589670	10.43%	0.395%
2	5.492	576	579	582	rVB	2212013	2127171	37.62%	1.424%
3	5.781	625	628	631	rBV	688867	577608	10.21%	0.387%
4	6.116	680	685	692	rBV2	464935	823095	14.56%	0.551%
5	6.398	730	733	736	rBV2	1293348	1248633	22.08%	0.836%
6	6.457	741	743	745	rBV	573957	537089	9.50%	0.360%
7	6.498	747	750	753	rVB	2028925	1957910	34.62%	1.311%
8	6.557	756	760	765	rVB3	462335	587618	10.39%	0.393%
9	6.645	771	775	778	rVB	2417455	2235805	39.54%	1.497%
10	6.704	781	785	788	rBV2	3693537	3920953	69.34%	2.626%
11	6.881	812	815	817	rVB2	1837392	1727093	30.54%	1.157%
12	6.933	820	824	826	rBV2	764027	662141	11.71%	0.443%
13	7.033	835	841	843	rBV2	1972901	2472075	43.72%	1.655%
14	7.145	857	860	863	rVB	1728669	1486733	26.29%	0.996%
15	7.175	863	865	866	rBV	894103	644204	11.39%	0.431%
16	7.192	866	868	869	rVV	813996	608639	10.76%	0.408%
17	7.210	869	871	875	rVB	1208107	1098537	19.43%	0.736%
18	7.257	875	879	884	rBV3	1410180	1957389	34.62%	1.311%
19	7.339	890	893	895	rBV	560167	550186	9.73%	0.368%
20	7.410	900	905	907	rBV2	1299250	1567757	27.73%	1.050%
21	7.439	907	910	912	rVV2	1486077	1551983	27.45%	1.039%
22	7.469	912	915	918	rVB	5077526	4955016	87.63%	3.318%
23	7.522	919	924	926	rBV5	1095095	1483144	26.23%	0.993%
24	7.575	926	933	937	rBV4	740159	1713839	30.31%	1.148%
25	7.651	943	946	947	rBV2	811844	753237	13.32%	0.504%
26	7.669	947	949	953	rVB2	685649	816096	14.43%	0.546%
27	7.757	960	964	965	rBV2	539328	637987	11.28%	0.427%
28	7.775	965	967	969	rVB	769496	549840	9.72%	0.368%
29	7.798	969	971	974	rBV3	522663	576451	10.19%	0.386%
30	7.833	974	977	980	rVB2	1313204	1722192	30.46%	1.153%
31	7.869	980	983	985	rBV2	1428366	1291146	22.83%	0.865%
32	7.898	985	988	994	rVB5	2160259	2815995	49.80%	1.886%
33	7.945	994	996	998	rBV	1273412	952876	16.85%	0.638%
34	7.975	998	1001	1003	rVB4	650981	625778	11.07%	0.419%

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35	7.998	1003	1005	1007	rVB	888760	631331	11.16%	0.423%
36	8.028	1007	1010	1013	rVB2	689056	715801	12.66%	0.479%
37	8.104	1019	1023	1025	rBV3	550726	882947	15.61%	0.591%
38	8.139	1025	1029	1031	rVV	5363623	5654628	100.00%	3.786%
39	8.163	1031	1033	1035	rVV	1736050	1496332	26.46%	1.002%
40	8.216	1038	1042	1044	rVB2	2713757	2726779	48.22%	1.826%
41	8.245	1044	1047	1049	rBV2	954726	968137	17.12%	0.648%
42	8.310	1055	1058	1060	rBV2	617608	677288	11.98%	0.454%
43	8.357	1063	1066	1069	rVV3	1071795	1273074	22.51%	0.852%
44	8.445	1078	1081	1086	rVV4	1860627	2765645	48.91%	1.852%
45	8.498	1087	1090	1093	rVV3	1093640	1208188	21.37%	0.809%
46	8.527	1093	1095	1100	rVV3	1438499	1660137	29.36%	1.112%
47	8.575	1100	1103	1105	rVV	2763375	2364936	41.82%	1.584%
48	8.598	1105	1107	1109	rVV	706808	574961	10.17%	0.385%
49	8.663	1115	1118	1120	rBV	1622097	1275337	22.55%	0.854%
50	8.751	1129	1133	1136	rVB	4663348	4789642	84.70%	3.207%
51	8.822	1143	1145	1146	rVV2	649146	566775	10.02%	0.380%
52	8.839	1146	1148	1151	rVB2	989873	955120	16.89%	0.640%
53	8.939	1161	1165	1167	rBV4	425411	608256	10.76%	0.407%
54	8.980	1169	1172	1174	rVB2	1018498	828671	14.65%	0.555%
55	9.027	1177	1180	1181	rBV2	822716	830317	14.68%	0.556%
56	9.104	1190	1193	1198	rBV3	1233645	1440202	25.47%	0.964%
57	9.145	1198	1200	1202	rBV	897873	755400	13.36%	0.506%
58	9.175	1202	1205	1207	rVV	1722630	1258189	22.25%	0.843%
59	9.233	1212	1215	1219	rVB	2321399	2035363	35.99%	1.363%
60	9.310	1224	1228	1231	rBV	4330657	4354365	77.01%	2.916%
61	9.351	1233	1235	1239	rVV3	491959	731401	12.93%	0.490%
62	9.386	1239	1241	1243	rVB	765103	561355	9.93%	0.376%
63	9.498	1257	1260	1265	rVB5	447351	593749	10.50%	0.398%
64	9.569	1266	1272	1274	rVV4	750213	1279355	22.62%	0.857%
65	9.627	1278	1282	1284	rVV3	1557986	1857016	32.84%	1.244%
66	9.651	1284	1286	1289	rVB3	671001	705901	12.48%	0.473%
67	9.686	1289	1292	1295	rBV3	806000	666711	11.79%	0.446%
68	9.839	1314	1318	1321	rVV	3249895	2775016	49.08%	1.858%
69	9.916	1328	1331	1334	rVV	1691638	1444372	25.54%	0.967%
70	9.945	1334	1336	1340	rVB	965203	821475	14.53%	0.550%
71	10.122	1363	1366	1369	rVB3	745830	761446	13.47%	0.510%

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72	10.157	1369	1372	1376	rBV2	629735	659813	11.67%	0.442%
73	10.333	1396	1402	1405	rBV	1930512	1852671	32.76%	1.241%
74	10.463	1420	1424	1429	rVB	1239889	1124352	19.88%	0.753%
75	10.551	1433	1439	1442	rVV4	593116	749023	13.25%	0.502%
76	10.704	1462	1465	1469	rVB	1203782	1185657	20.97%	0.794%
77	10.810	1480	1483	1492	rVB	1113547	1524656	26.96%	1.021%
78	11.257	1555	1559	1561	rVV2	616973	626196	11.07%	0.419%
79	11.298	1561	1566	1571	rVB2	460382	618487	10.94%	0.414%
80	11.404	1580	1584	1586	rBV	1306317	1387065	24.53%	0.929%
81	11.433	1586	1589	1592	rVV	4338606	4209624	74.45%	2.819%
82	11.480	1593	1597	1600	rVV	1945586	1655606	29.28%	1.109%
83	11.904	1665	1669	1671	rBV	676071	597962	10.57%	0.400%
84	11.933	1671	1674	1677	rVB	917345	787204	13.92%	0.527%
85	12.015	1685	1688	1691	rBV	1107075	1269629	22.45%	0.850%
86	12.627	1786	1792	1795	rBV	4144502	4652183	82.27%	3.115%
87	12.857	1824	1831	1835	rBV2	3749190	5207677	92.10%	3.487%
88	12.986	1846	1853	1855	rBV2	1477195	1697922	30.03%	1.137%
89	13.063	1861	1866	1870	rBV2	328790	603710	10.68%	0.404%
90	13.174	1882	1885	1888	rVB	905448	805883	14.25%	0.540%
91	13.239	1893	1896	1899	rVV	737809	662822	11.72%	0.444%
92	14.039	2025	2032	2036	rBV3	2343098	3834948	67.82%	2.568%
93	14.074	2036	2038	2045	rVB	1997391	1936000	34.24%	1.296%
94	15.104	2207	2213	2215	rBV	1399142	2327681	41.16%	1.559%
95	15.404	2261	2264	2270	rVB	869364	1185867	20.97%	0.794%
96	15.474	2271	2276	2280	rVV	1330606	1746905	30.89%	1.170%
97	15.533	2282	2286	2289	rVV	711543	1020686	18.05%	0.683%
98	15.562	2289	2291	2298	rVB	433037	556837	9.85%	0.373%
99	17.039	2537	2542	2548	rVB2	468122	871352	15.41%	0.583%
100	17.497	2616	2620	2627	rVB	352773	657288	11.62%	0.440%

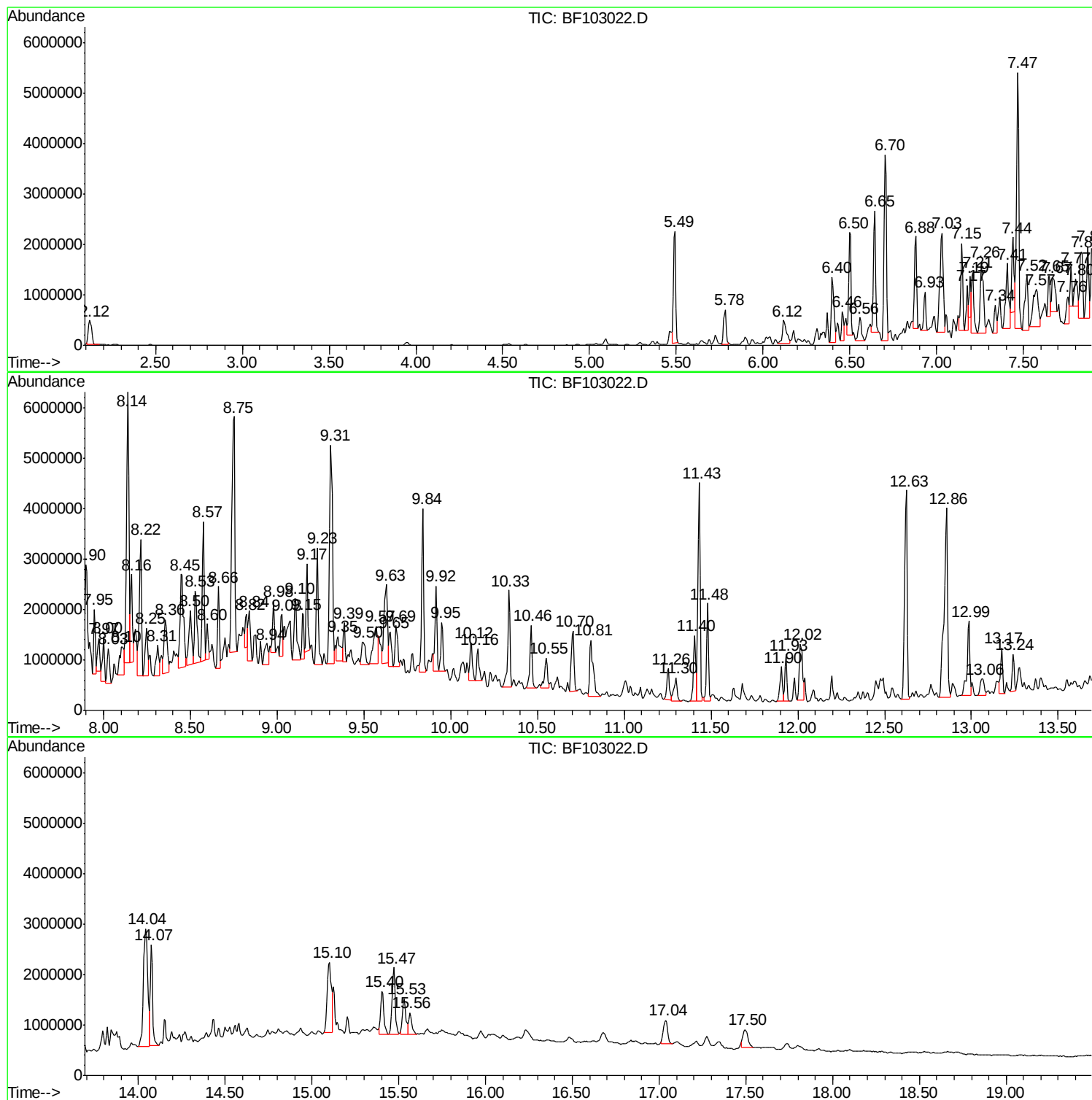
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-021418-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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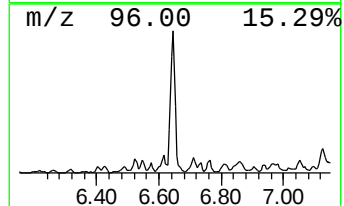
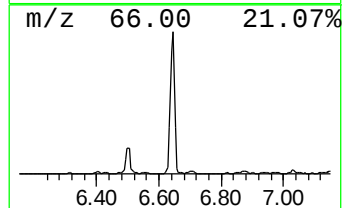
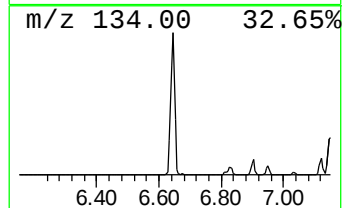
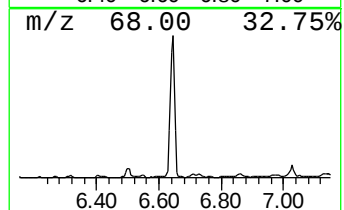
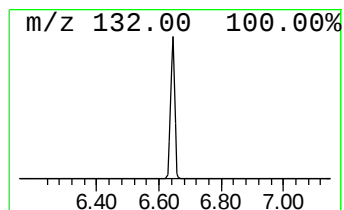
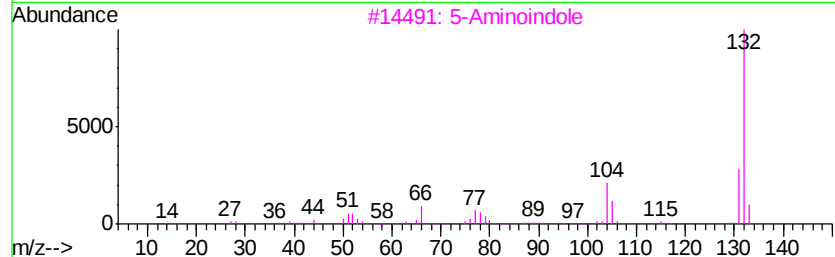
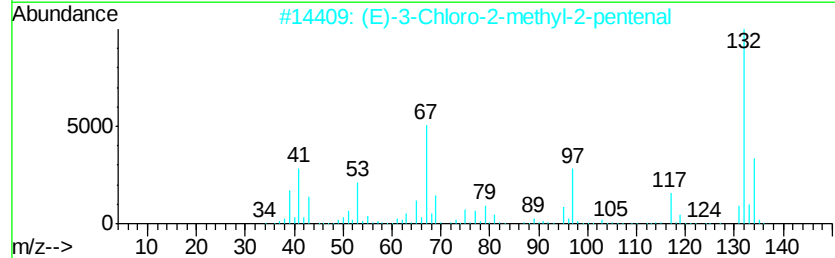
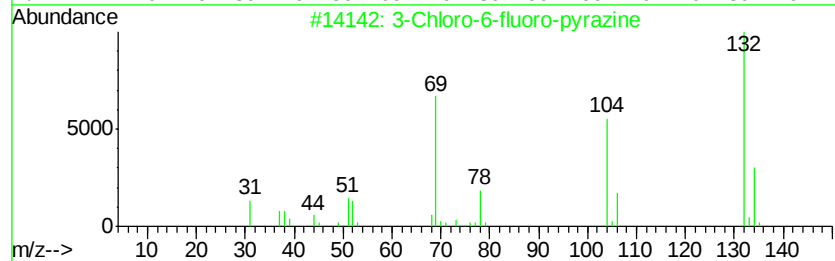
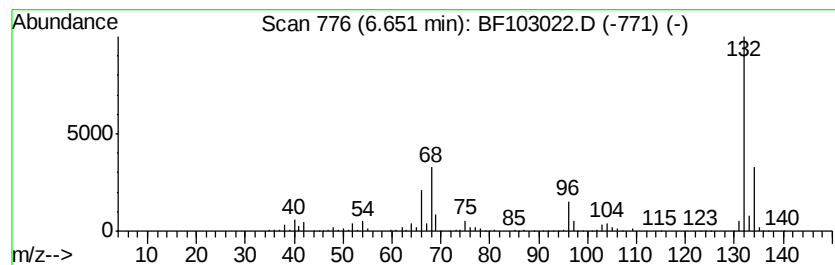
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.65 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	25.89 ng	2235810	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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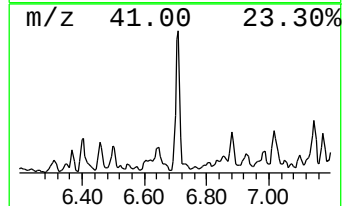
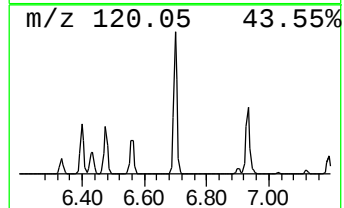
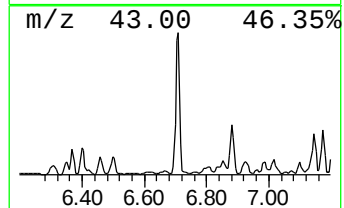
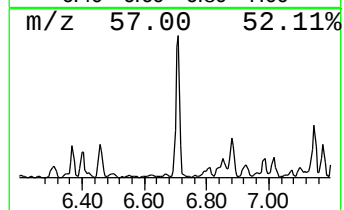
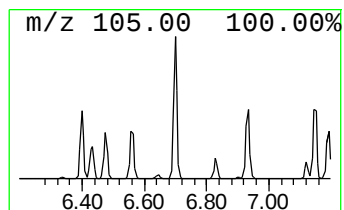
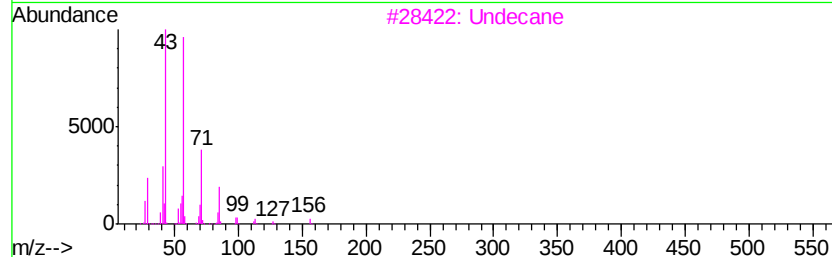
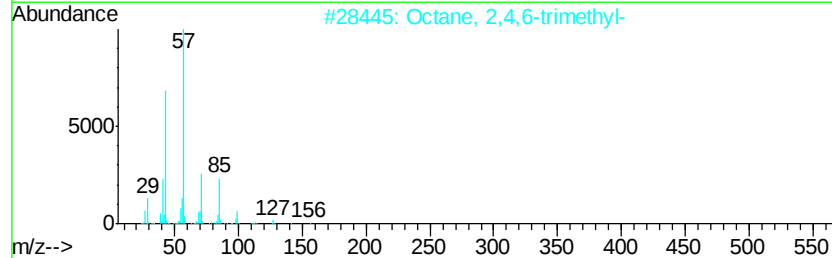
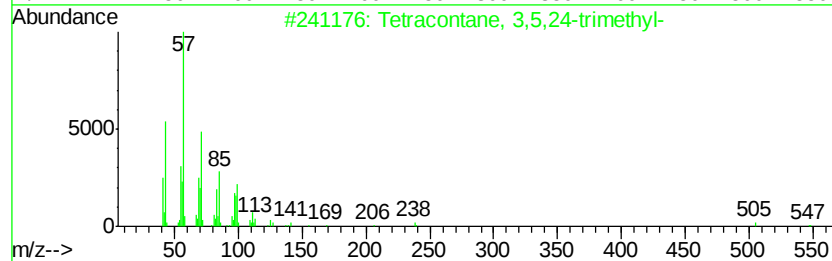
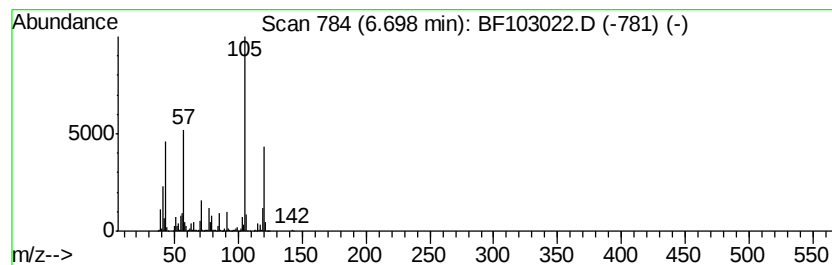
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Tetracontane, 3,5,24-trimet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	45.41 ng	3920950	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	50
2		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
3		Undecane	156	C11H24	001120-21-4	50
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	50
5		Decane	142	C10H22	000124-18-5	47



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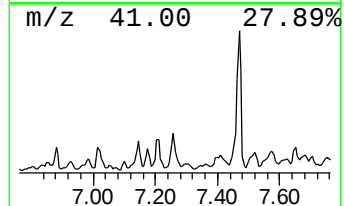
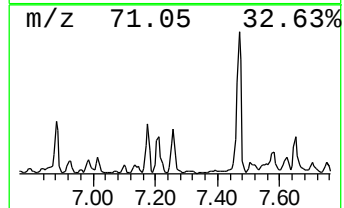
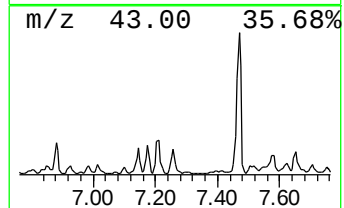
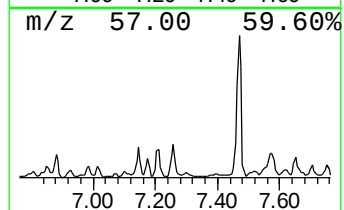
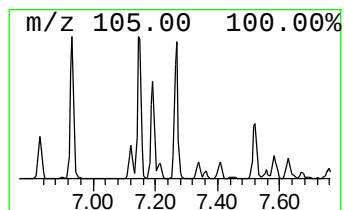
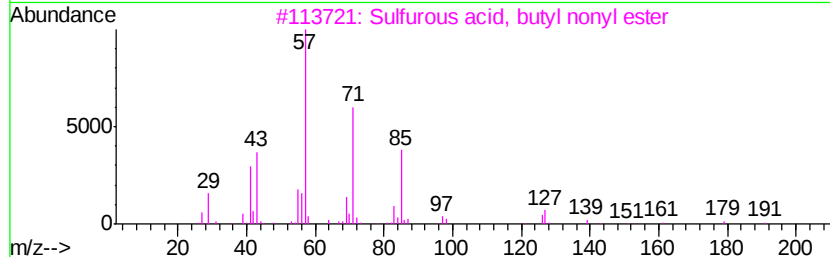
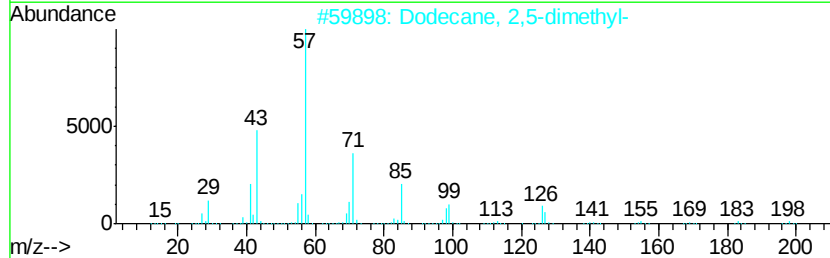
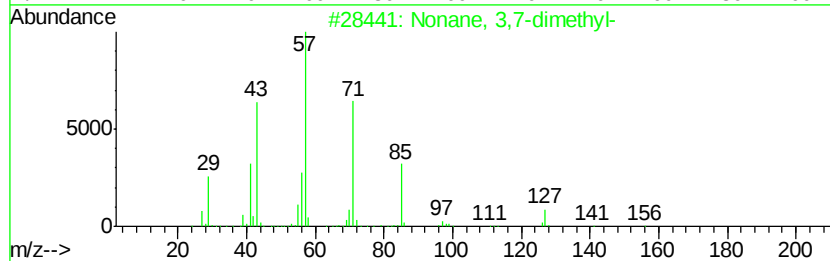
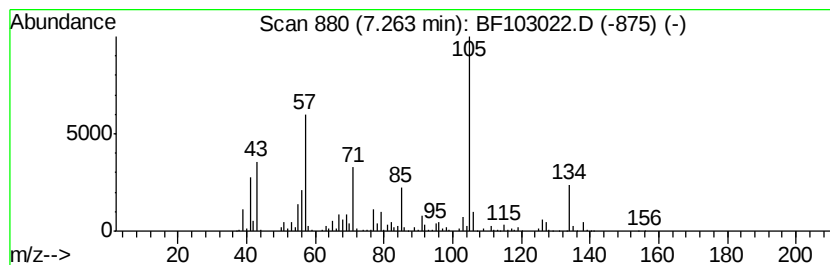
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Nonane, 3,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	22.67 ng	1957390	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
2		Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	64
3		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
5		Decane, 3-methyl-	156	C11H24	013151-34-3	52



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Data File : BF103022.D
Acq On : 15 Feb 2018 17:21
Operator : SJ/JU
Sample : J1393-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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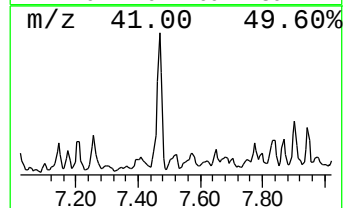
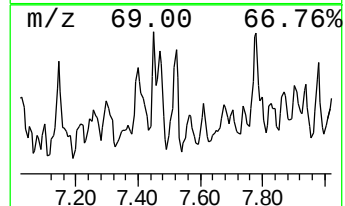
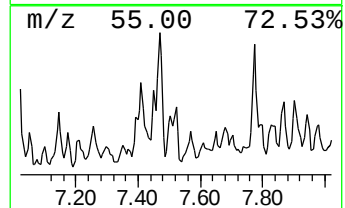
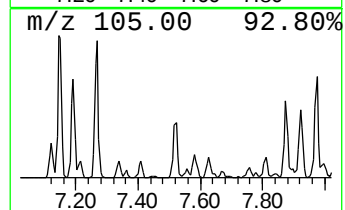
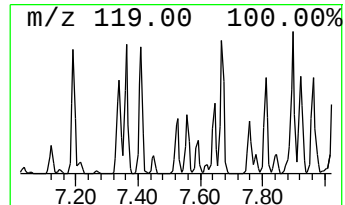
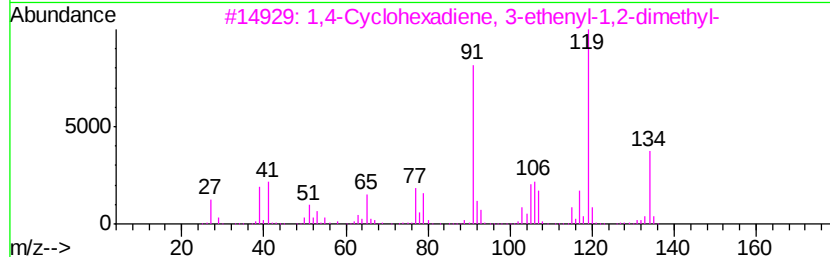
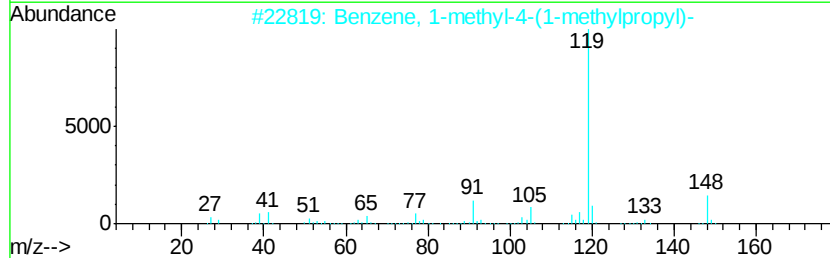
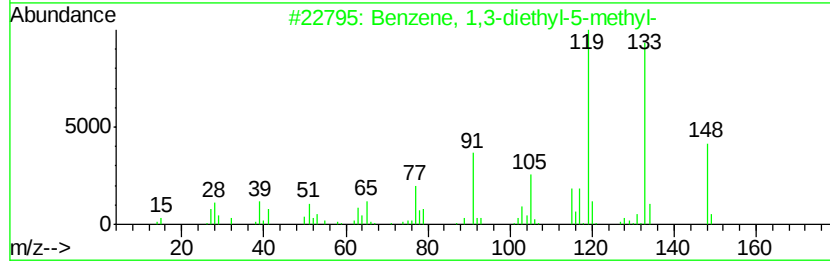
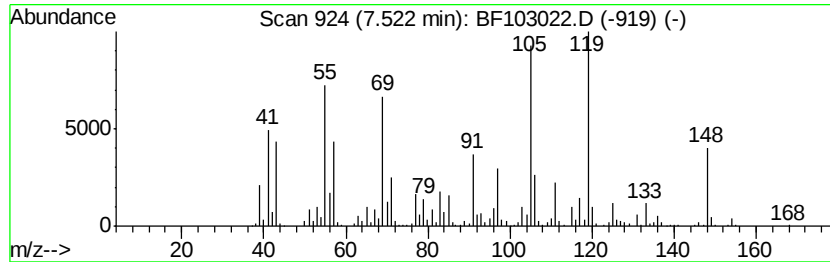
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	19.82 ng	1483140	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
2		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	53
3		1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	46
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	45
5		4-Methylphthalaldehyde	148	C9H8O2	015158-36-8	43



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Operator : SJ/JU
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Instrument :
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ClientSampleId :
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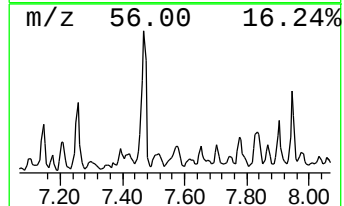
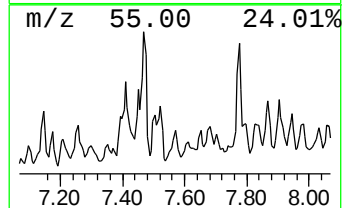
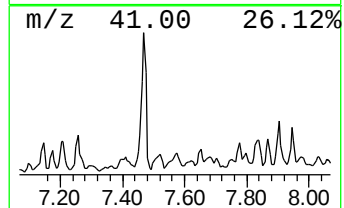
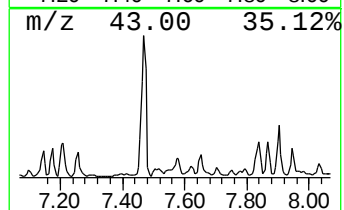
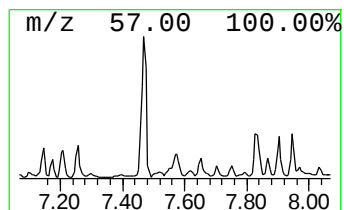
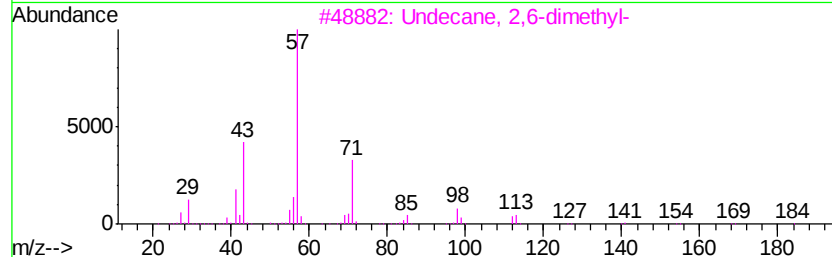
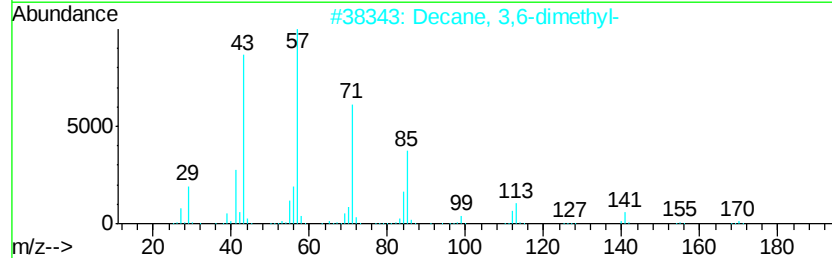
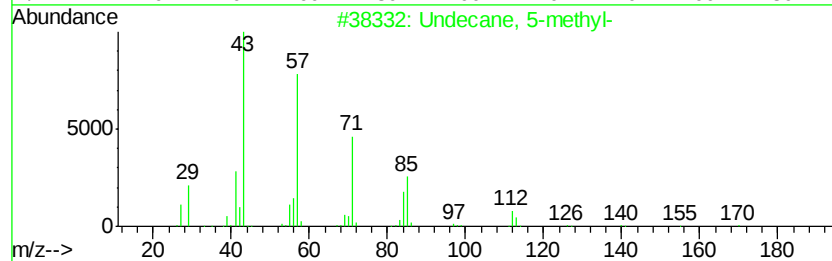
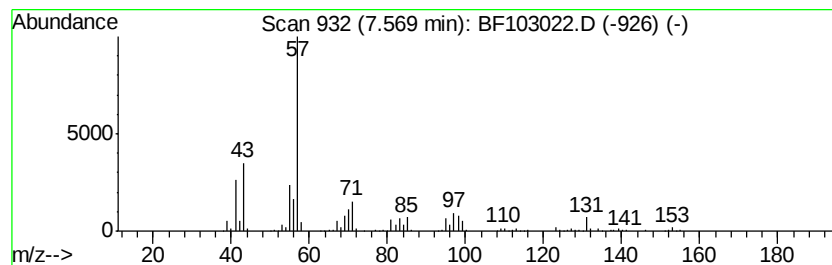
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane, 5-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	22.91 ng	1713840	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-methyl-	170	C12H26	001632-70-8	53
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	50
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
4		Tridecane	184	C13H28	000629-50-5	50
5		Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	50



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ALS Vial : 14 Sample Multiplier: 1

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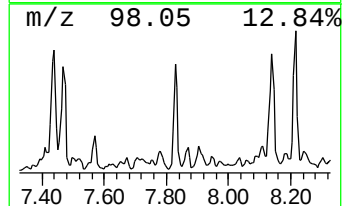
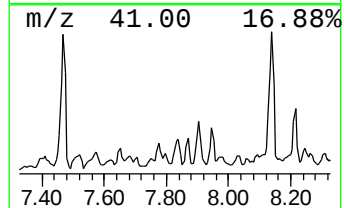
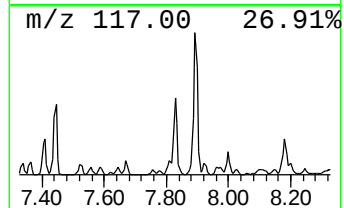
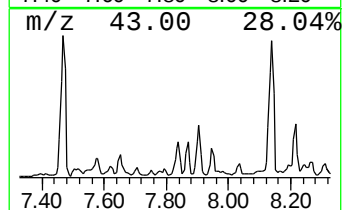
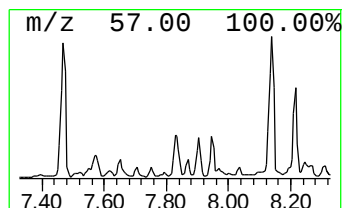
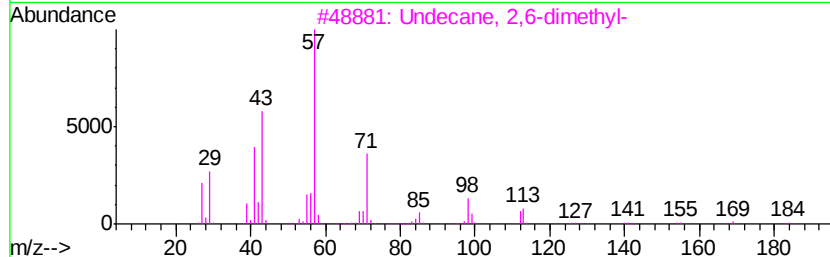
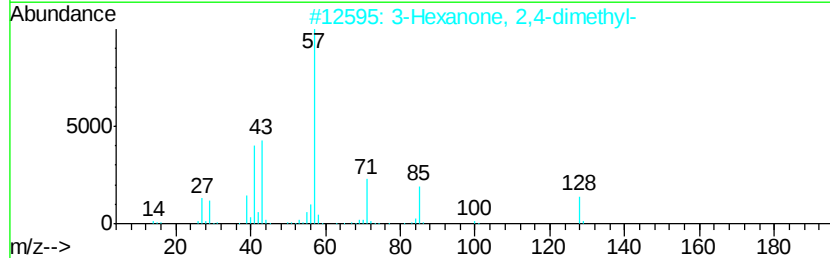
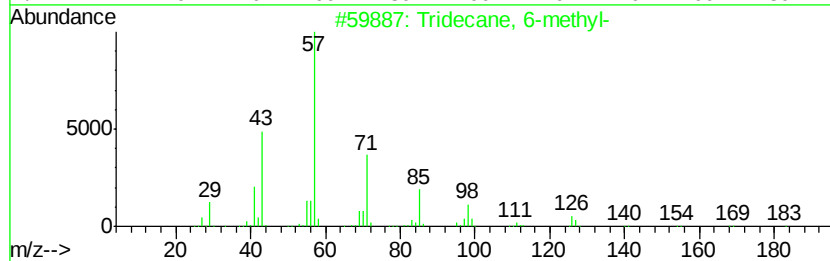
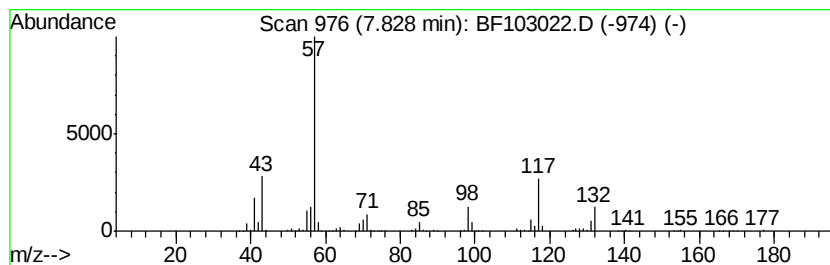
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane, 6-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	23.02 ng	1722190	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
2		3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	47
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47
4		Dodecane	170	C12H26	000112-40-3	47
5		Octane, 4-ethyl-	142	C10H22	015869-86-0	43



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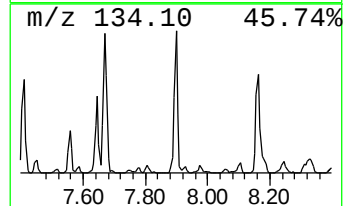
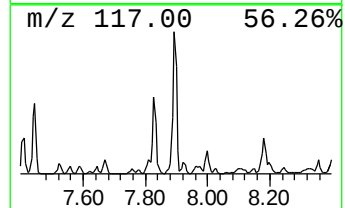
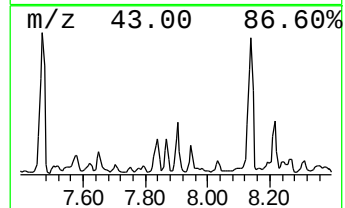
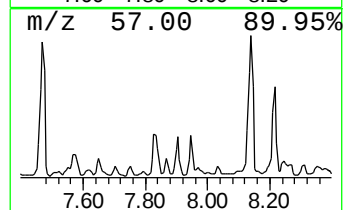
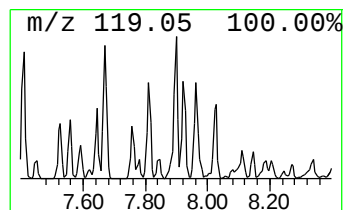
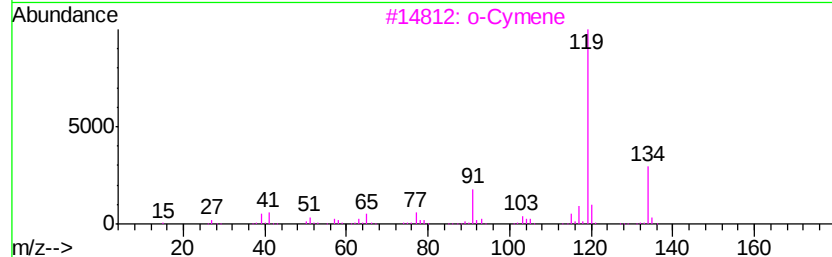
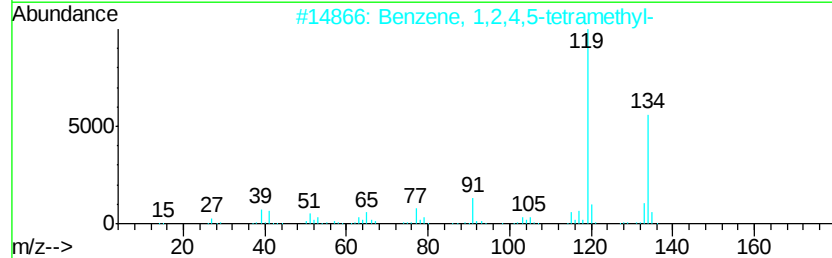
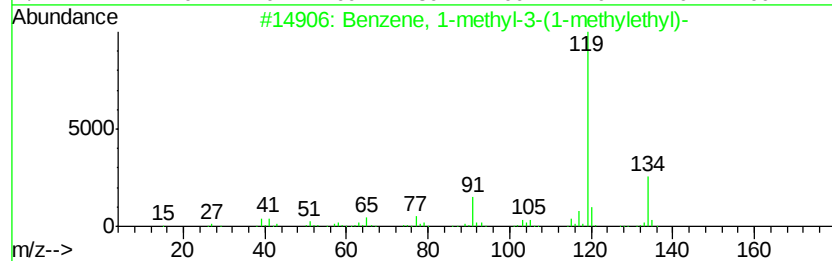
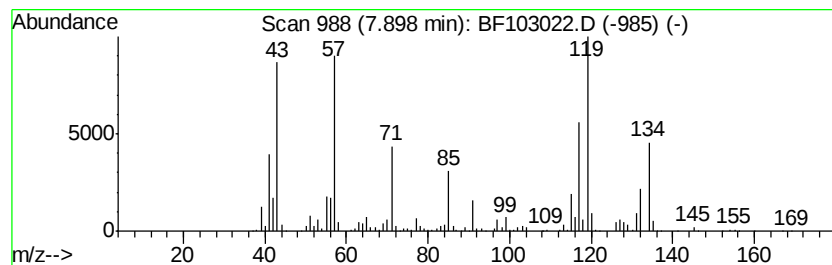
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown7.90 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	37.64 ng	2816000	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	46
3		o-Cymene	134	C10H14	000527-84-4	46
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	41
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	41



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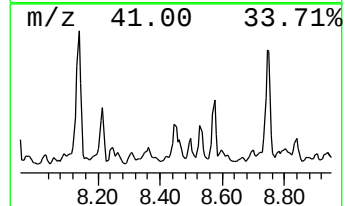
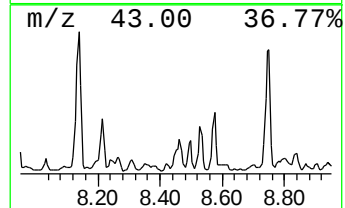
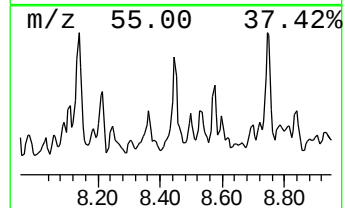
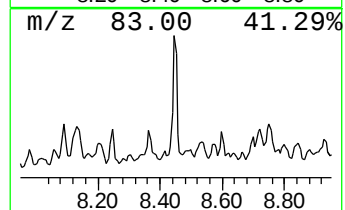
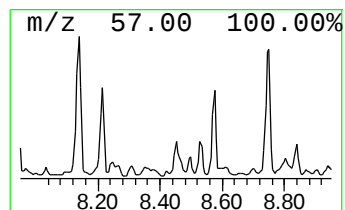
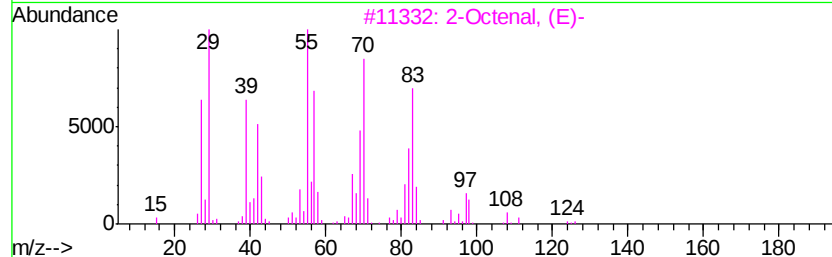
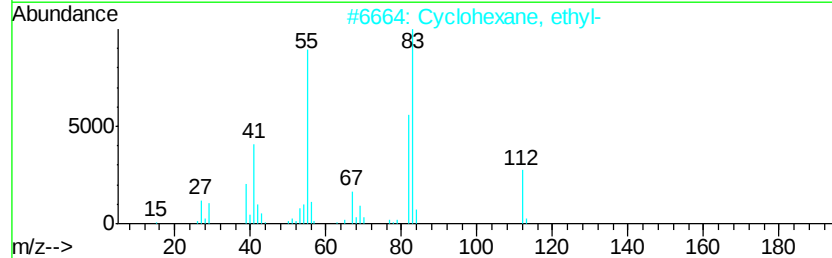
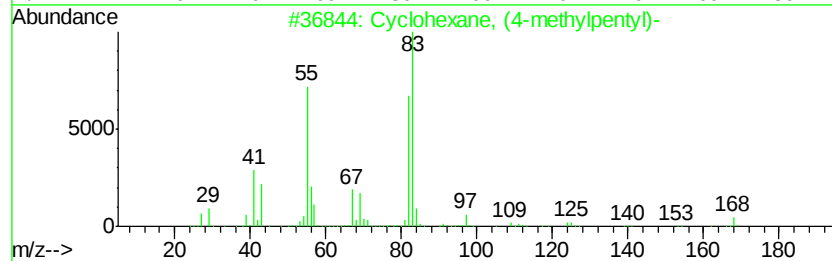
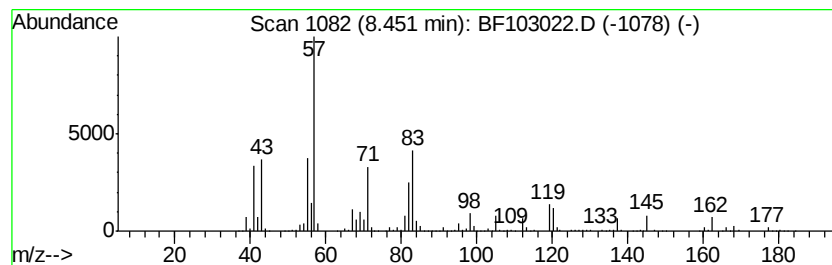
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown8.45 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	36.97 ng	2765650	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	49
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	46
3		2-Octenal, (E)-	126	C8H14O	002548-87-0	46
4		Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	43
5		Cyclohexane, hexyl-	168	C12H24	004292-75-5	43



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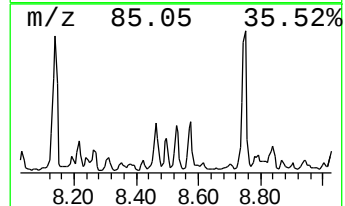
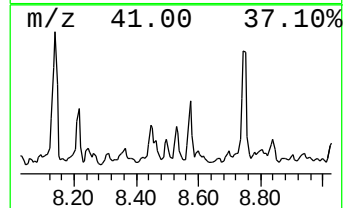
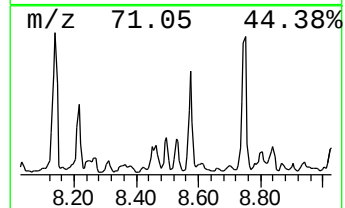
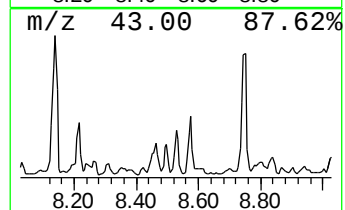
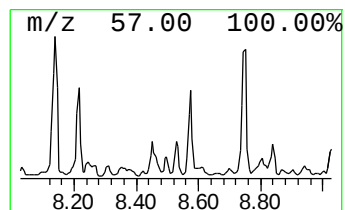
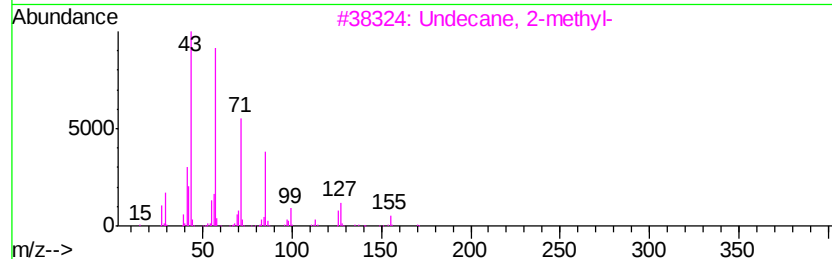
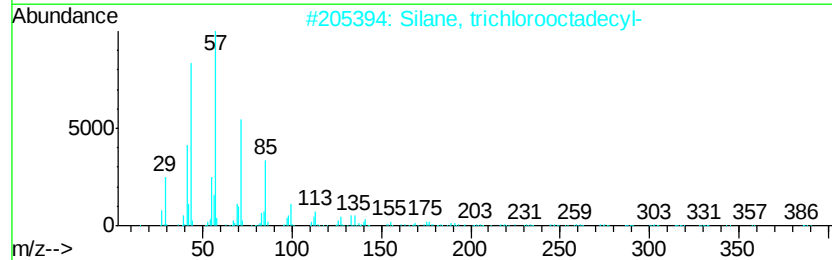
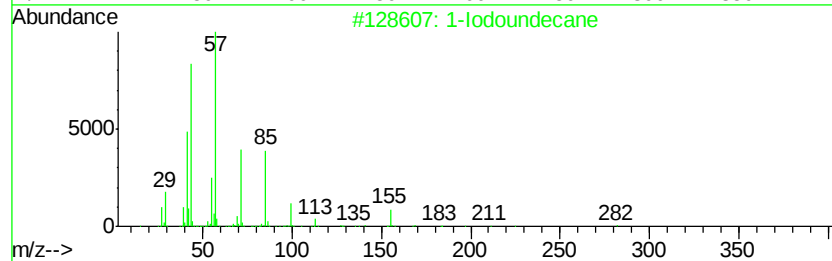
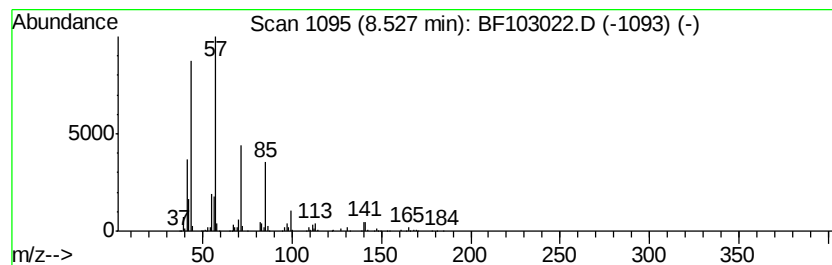
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TIC Integration Parameters: LSCINT.P

Peak Number 10 1-Iodoundecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	22.19 ng	1660140	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Iodoundecane	282	C11H23I	004282-44-4	80
2		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	78
3		Undecane, 2-methyl-	170	C12H26	007045-71-8	78
4		Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	78
5		Hexadecane	226	C16H34	000544-76-3	72



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Misc :
ALS Vial : 14 Sample Multiplier: 1

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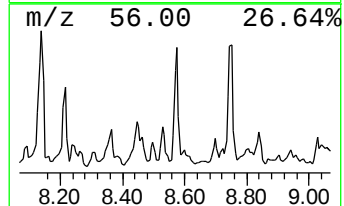
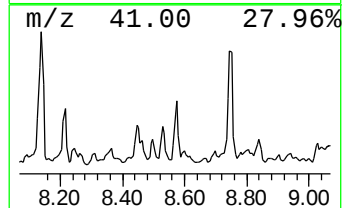
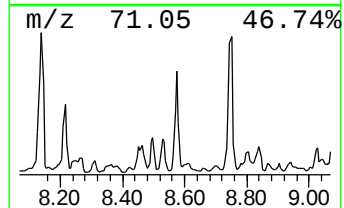
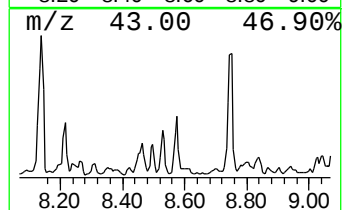
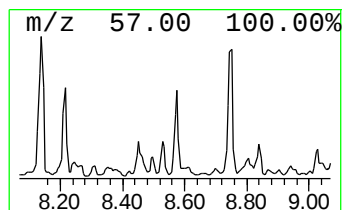
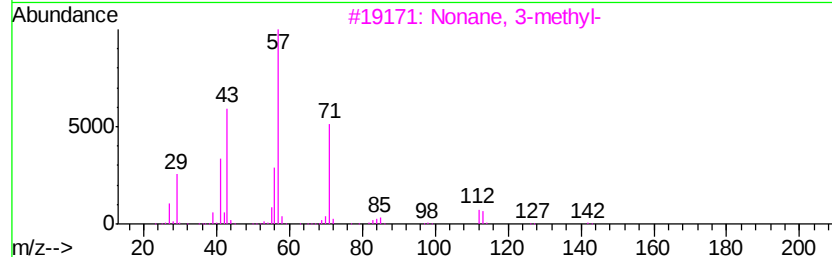
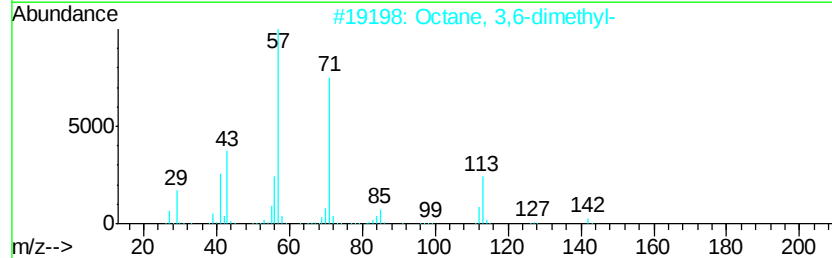
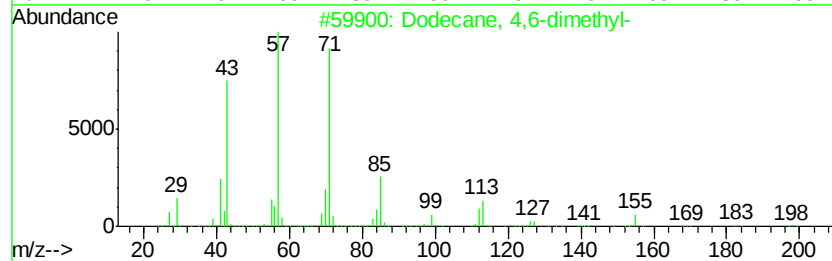
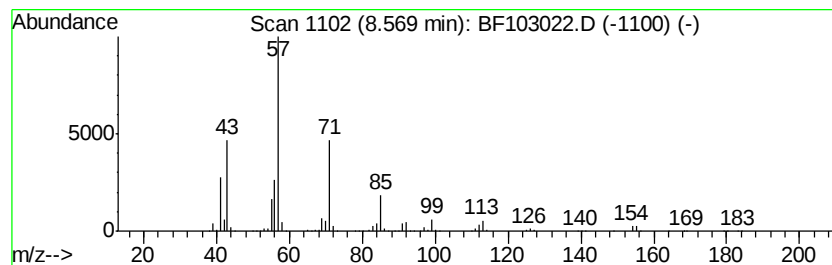
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 4,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	31.61 ng	2364940	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	68
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	64
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	59
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103022.D
Acq On : 15 Feb 2018 17:21
Operator : SJ/JU
Sample : J1393-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

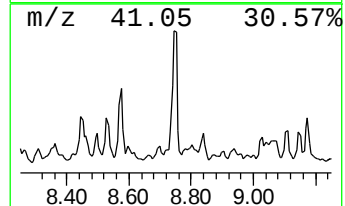
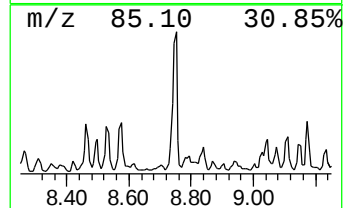
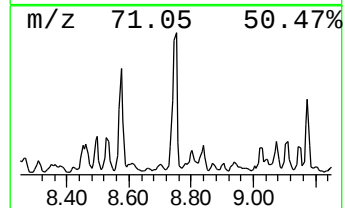
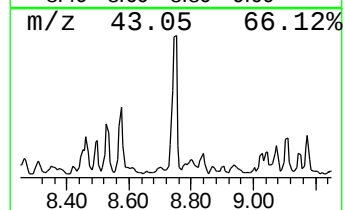
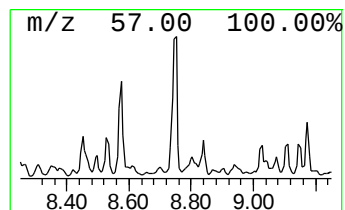
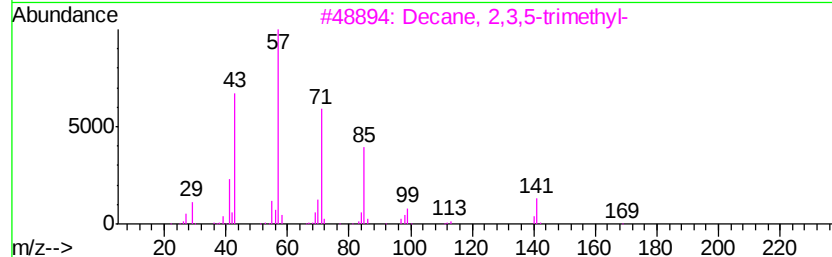
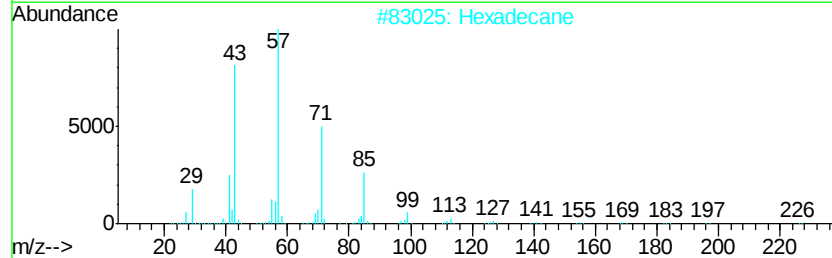
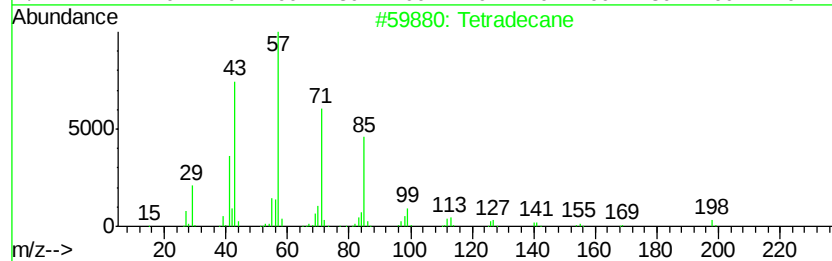
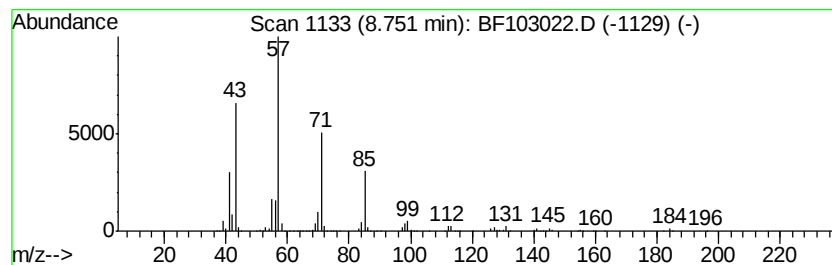
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.75	64.02 ng	4789640	Napthalene-d8	8.16		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	90
2		Hexadecane	226	C16H34	000544-76-3	86
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4		Dodecane	170	C12H26	000112-40-3	83
5		Tridecane	184	C13H28	000629-50-5	81



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
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Acq On : 15 Feb 2018 17:21
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Sample : J1393-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

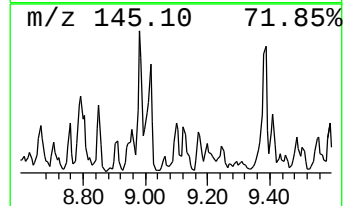
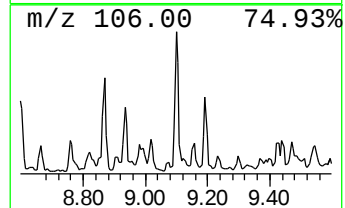
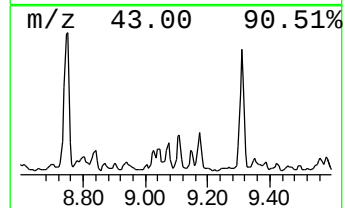
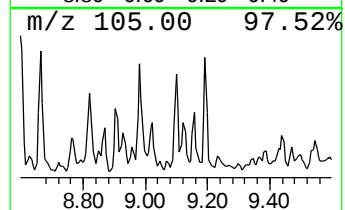
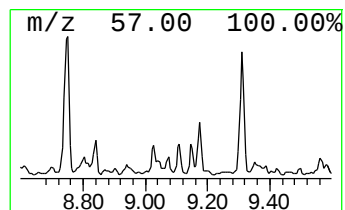
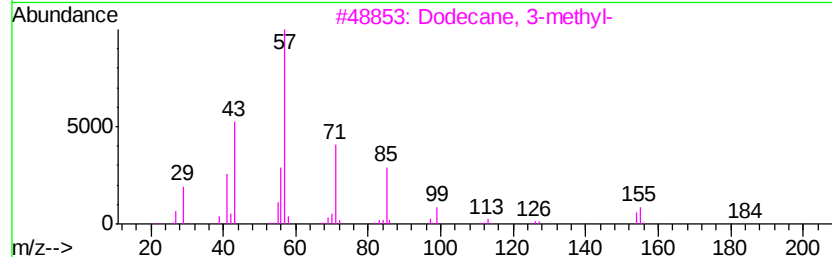
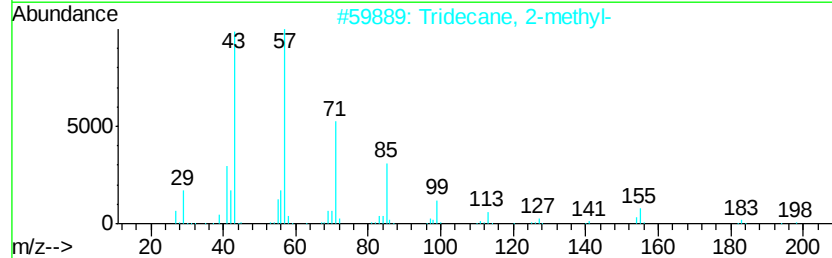
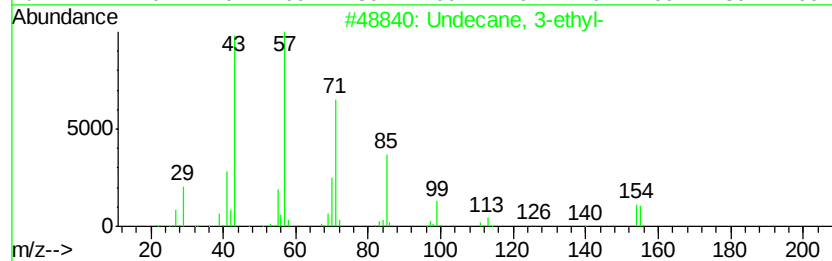
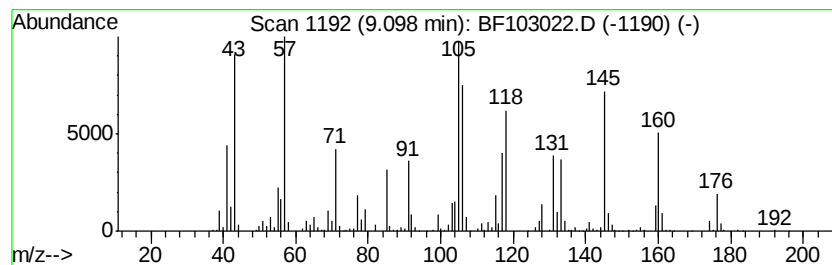
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane, 3-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	19.94 ng	1440200	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 3-ethyl-	184 C13H28	017312-58-2	52
2	Tridecane, 2-methyl-	198 C14H30	001560-96-9	52
3	Dodecane, 3-methyl-	184 C13H28	017312-57-1	50
4	Undecane, 2,9-dimethyl-	184 C13H28	017301-26-7	50
5	Undecane, 2,10-dimethyl-	184 C13H28	017301-27-8	50



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103022.D
Acq On : 15 Feb 2018 17:21
Operator : SJ/JU
Sample : J1393-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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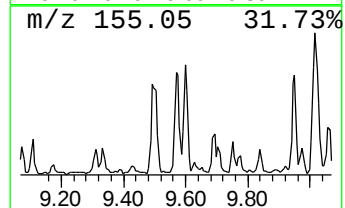
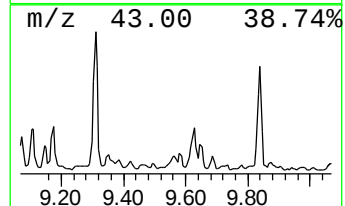
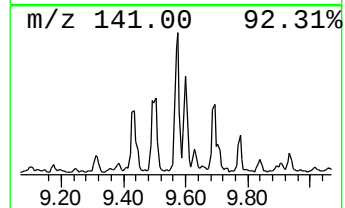
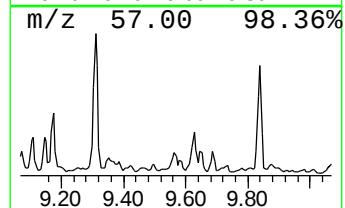
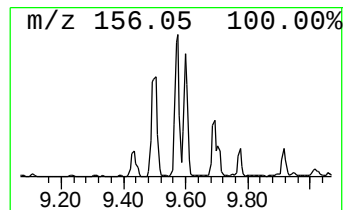
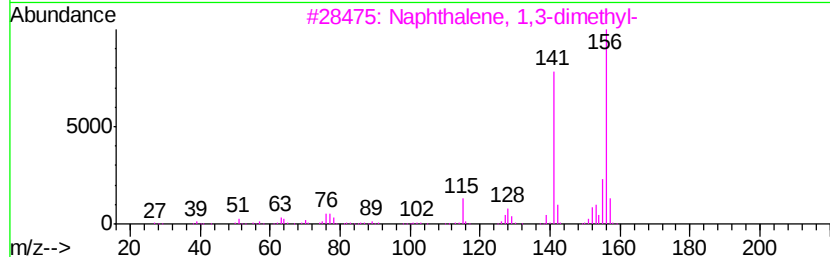
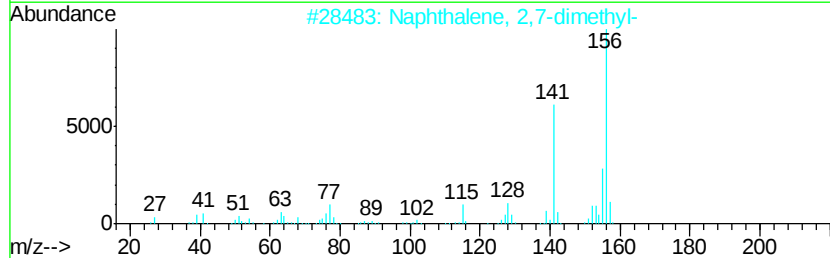
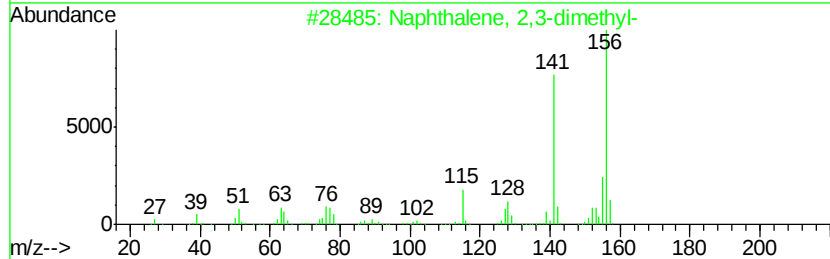
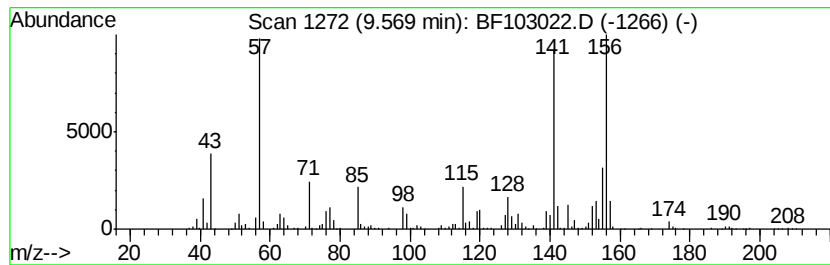
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	17.72 ng	1279360	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103022.D
Acq On : 15 Feb 2018 17:21
Operator : SJ/JU
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ClientSampleId :
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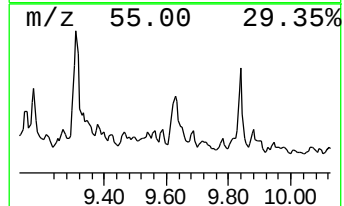
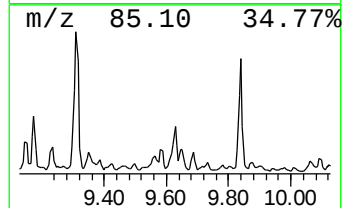
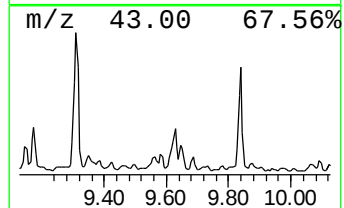
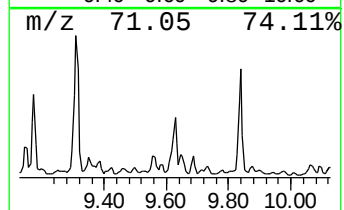
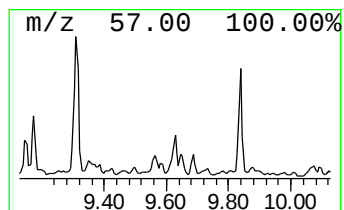
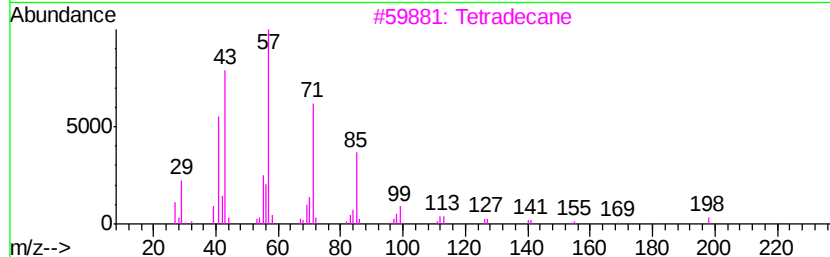
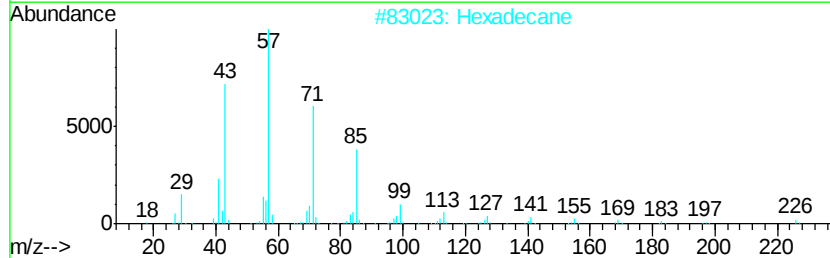
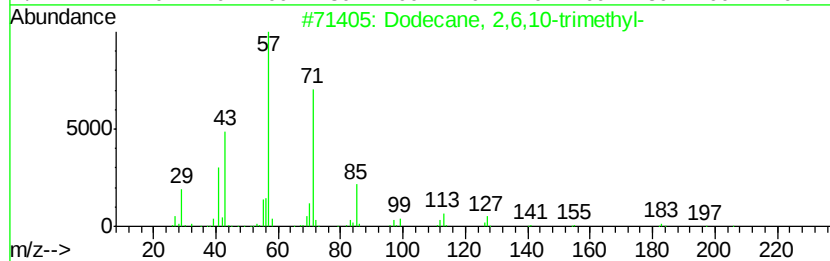
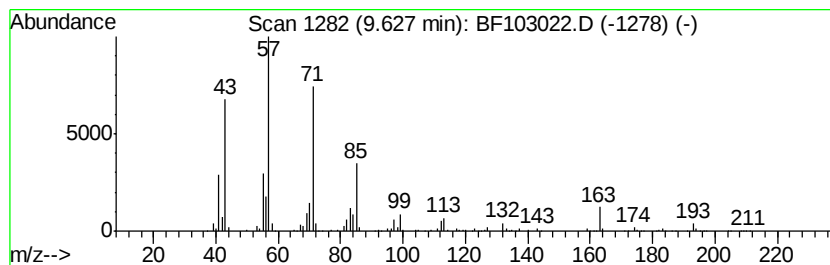
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	25.71 ng	1857020	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2		Hexadecane	226	C16H34	000544-76-3	72
3		Tetradecane	198	C14H30	000629-59-4	72
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021518\
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Sample : J1393-05 2X
Misc :
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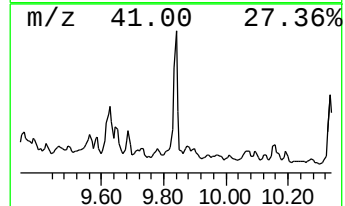
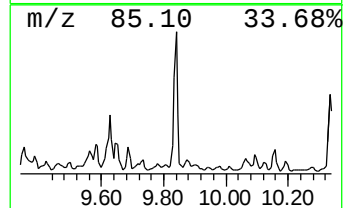
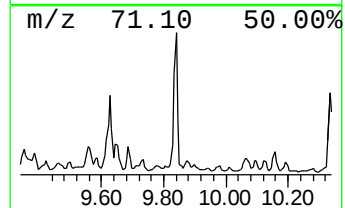
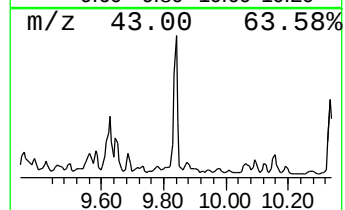
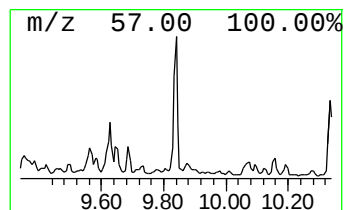
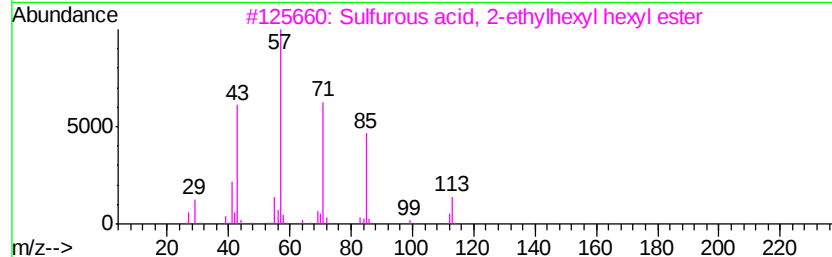
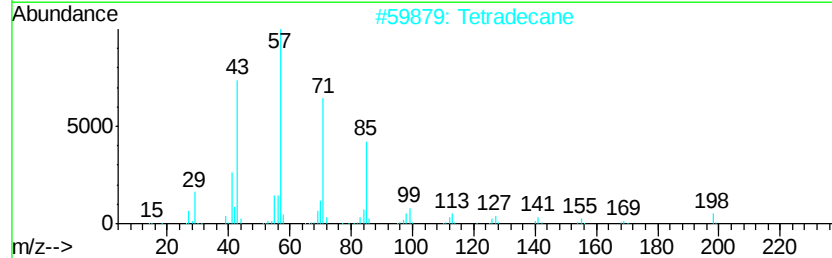
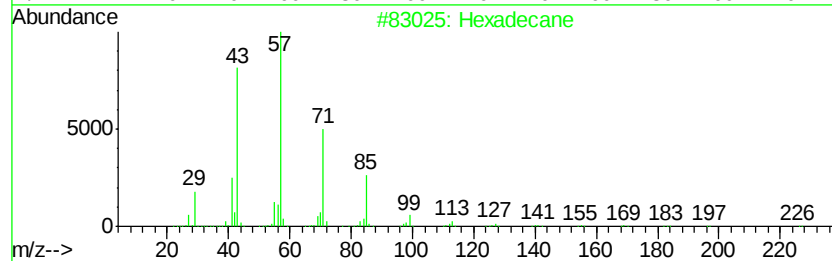
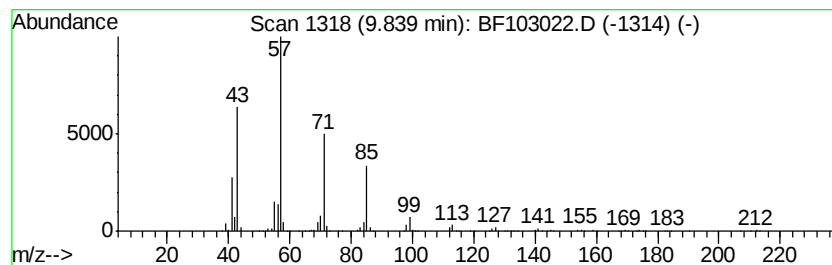
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	38.43 ng	2775020	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	86
2	Tetradecane	198 C14H30	000629-59-4	80
3	Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2	72
4	Triacontane	422 C30H62	000638-68-6	72
5	Sulfurous acid, decyl 2-propyl e...	264 C13H28O3S	1000309-12-1	64



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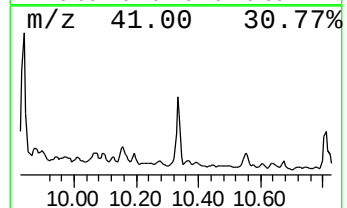
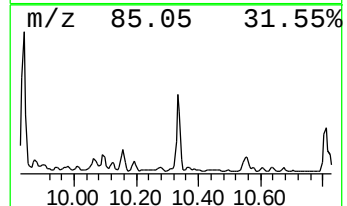
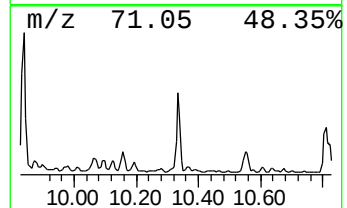
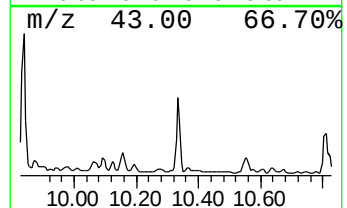
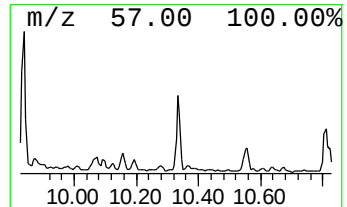
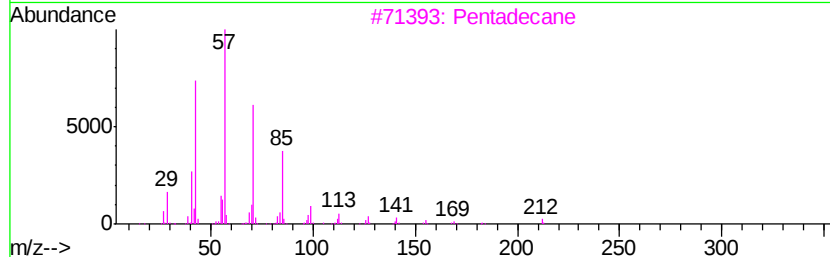
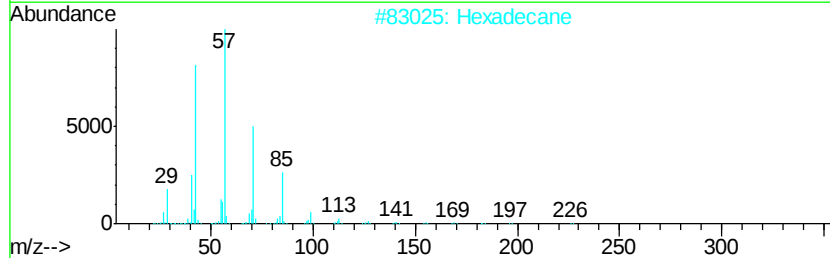
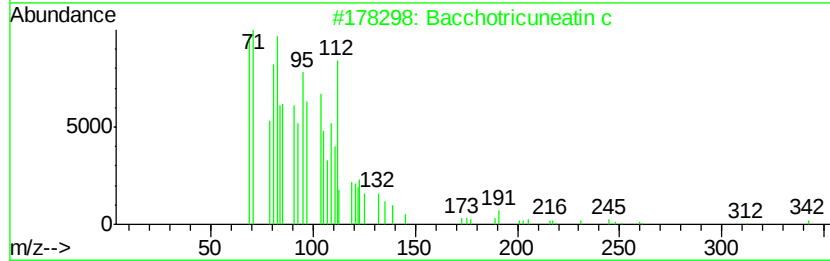
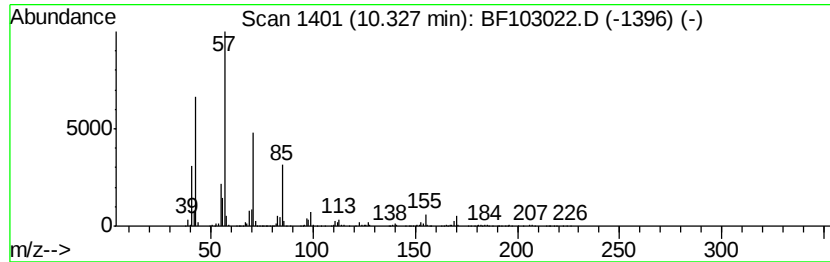
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Bacchotricuneatin c Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	25.65 ng	1852670	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2		Hexadecane	226	C16H34	000544-76-3	93
3		Pentadecane	212	C15H32	000629-62-9	86
4		5-Ethyldecane	170	C12H26	017302-36-2	83
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80



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Data File : BF103022.D
Acq On : 15 Feb 2018 17:21
Operator : SJ/JU
Sample : J1393-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-021418-C

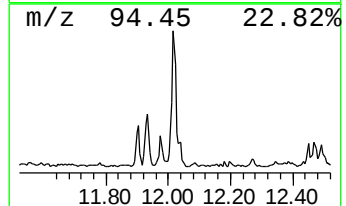
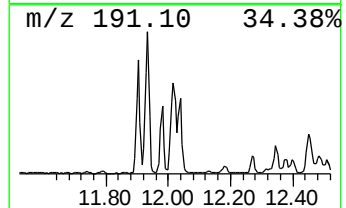
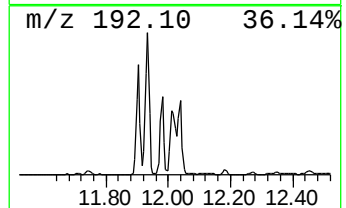
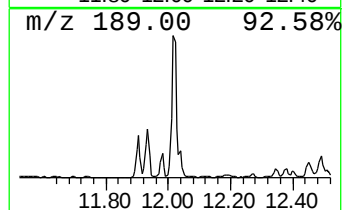
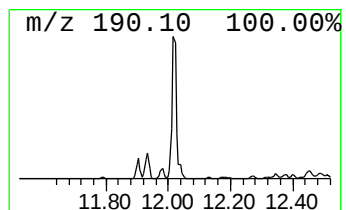
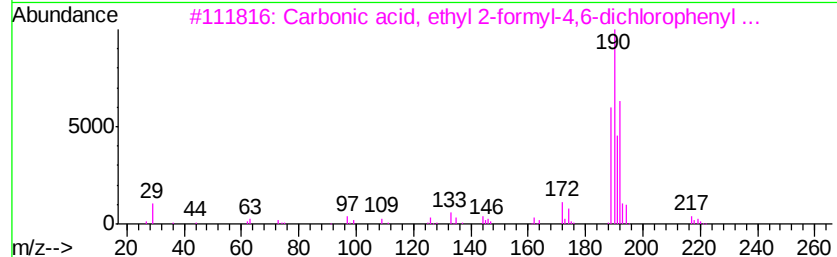
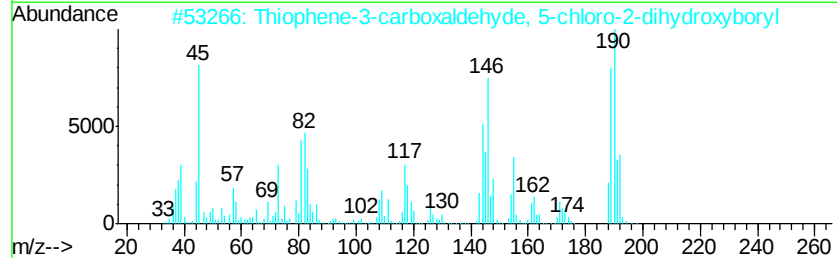
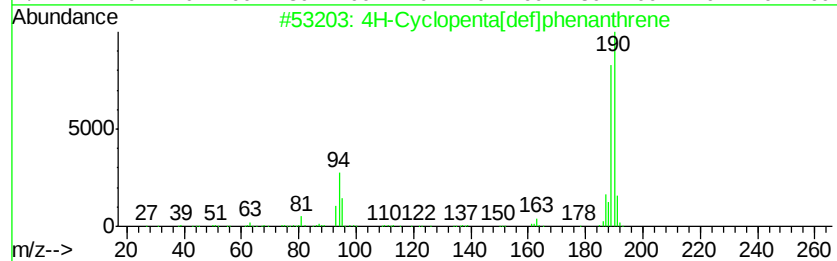
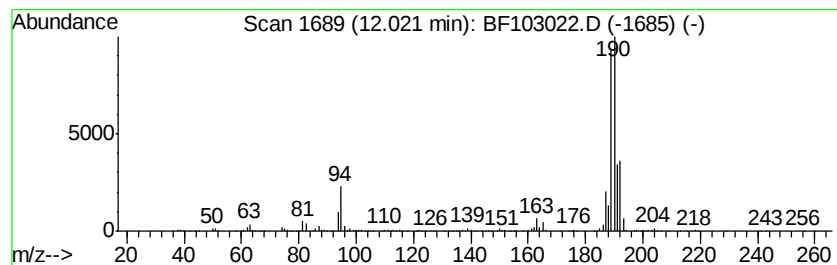
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	18.31 ng	1269630	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	38
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	32
5		Propanoic acid, 2-(2,4-dichlorop...	378	C15H10Cl4O3	284488-02-4	17



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103022.D
Acq On : 15 Feb 2018 17:21
Operator : SJ/JU
Sample : J1393-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-021418-C

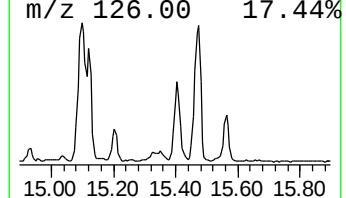
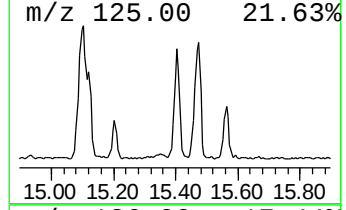
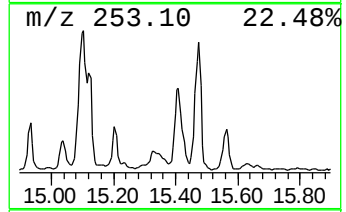
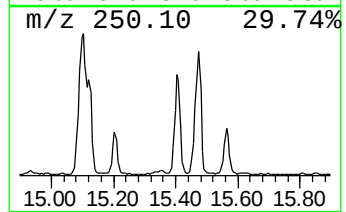
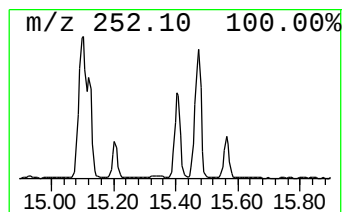
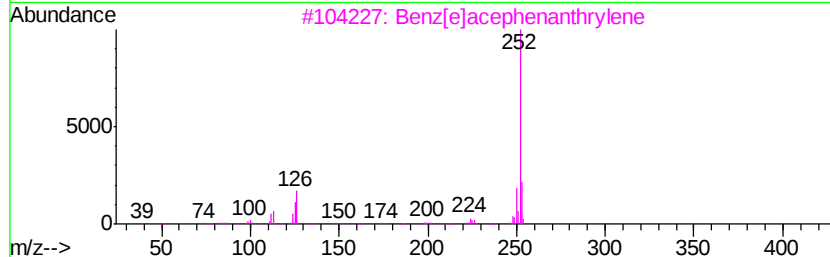
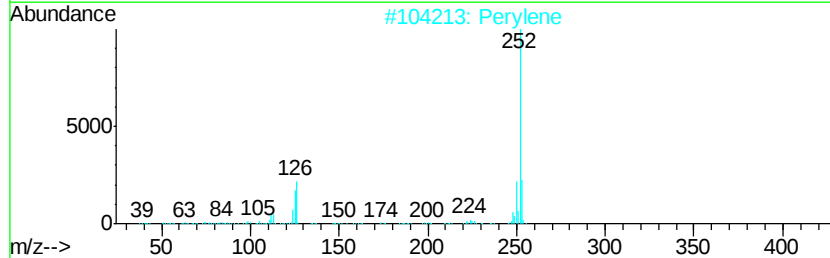
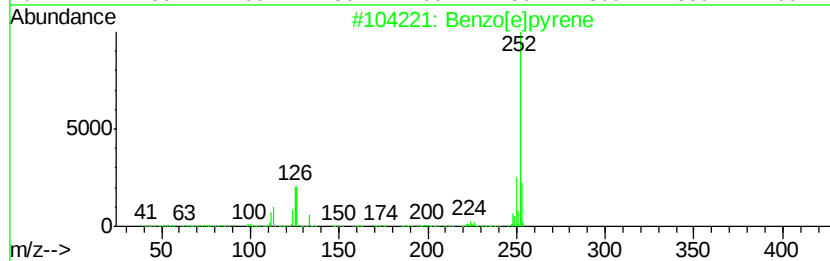
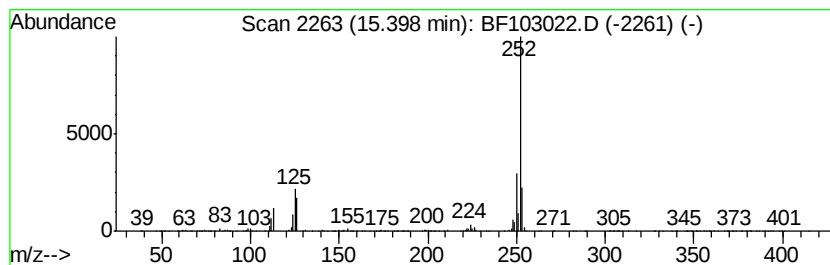
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	23.24 ng	1185870	Perylene-d12	15.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Perylene	252	C20H12	000198-55-0	96
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4		Benzo[a]pyrene	252	C20H12	000050-32-8	92
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021518\
 Data File : BF103022.D
 Acq On : 15 Feb 2018 17:21
 Operator : SJ/JU
 Sample : J1393-05 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-021418-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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
unknown6.65	6.65	25.9	ng	2235810	1	6.87	1727090	20.0
Tetracontane, 3,5...	6.70	45.4	ng	3920950	1	6.87	1727090	20.0
Nonane, 3,7-dimet...	7.26	22.7	ng	1957390	1	6.87	1727090	20.0
Benzene, 1,3-diet...	7.52	19.8	ng	1483140	2	8.16	1496330	20.0
Undecane, 5-methyl-	7.57	22.9	ng	1713840	2	8.16	1496330	20.0
Tridecane, 6-methyl-	7.83	23.0	ng	1722190	2	8.16	1496330	20.0
unknown7.90	7.90	37.6	ng	2816000	2	8.16	1496330	20.0
unknown8.45	8.45	37.0	ng	2765650	2	8.16	1496330	20.0
1-Iodoundecane	8.53	22.2	ng	1660140	2	8.16	1496330	20.0
Dodecane, 4,6-dim...	8.57	31.6	ng	2364940	2	8.16	1496330	20.0
Tetradecane	8.75	64.0	ng	4789640	2	8.16	1496330	20.0
Undecane, 3-ethyl-	9.10	19.9	ng	1440200	3	9.92	1444370	20.0
Naphthalene, 2,3-...	9.57	17.7	ng	1279360	3	9.92	1444370	20.0
Dodecane, 2,6,10-...	9.63	25.7	ng	1857020	3	9.92	1444370	20.0
Hexadecane	9.84	38.4	ng	2775020	3	9.92	1444370	20.0
Bacchotricuneatin c	10.33	25.6	ng	1852670	3	9.92	1444370	20.0
4H-Cyclopenta[def...	12.02	18.3	ng	1269630	4	11.40	1387070	20.0
Benzo[e]pyrene	15.40	23.2	ng	1185870	6	15.53	1020690	20.0