

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF031618\
 Data File : BF103711.D
 Acq On : 16 Mar 2018 22:00
 Operator : JU/SJ
 Sample : J1750-05 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-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-BF031518.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	2.281	28	33	38	rVB	137503	172670	8.11%	0.364%
2	5.192	525	528	534	rBV	119455	137911	6.48%	0.291%
3	5.587	590	595	598	rBV	2138446	2060640	96.80%	4.346%
4	5.881	641	645	647	rVV	110070	97927	4.60%	0.207%
5	5.916	647	651	654	rVV	268683	235459	11.06%	0.497%
6	6.210	697	701	703	rBV	79754	91317	4.29%	0.193%
7	6.492	746	749	753	rBV2	184620	217464	10.22%	0.459%
8	6.581	760	764	768	rVV	2149643	2128857	100.00%	4.490%
9	6.651	773	776	781	rVB3	95128	123229	5.79%	0.260%
10	6.734	786	790	794	rVB	2291146	2096024	98.46%	4.421%
11	6.798	797	801	804	rBV2	704312	666570	31.31%	1.406%
12	6.969	827	830	833	rVB	1473675	1197493	56.25%	2.526%
13	7.022	836	839	844	rVB3	161246	141459	6.64%	0.298%
14	7.075	844	848	851	rVB2	82499	97159	4.56%	0.205%
15	7.128	851	857	859	rBV	1894799	1825763	85.76%	3.851%
16	7.239	869	876	878	rBV3	335951	394653	18.54%	0.832%
17	7.263	878	880	881	rBV	160447	107820	5.06%	0.227%
18	7.281	881	883	884	rBV	204380	133867	6.29%	0.282%
19	7.345	890	894	895	rBV	265423	245054	11.51%	0.517%
20	7.363	895	897	899	rVV2	197402	183076	8.60%	0.386%
21	7.392	899	902	906	rVB5	76016	111352	5.23%	0.235%
22	7.428	906	908	910	rBV	97812	94465	4.44%	0.199%
23	7.451	910	912	915	rVB	111193	97306	4.57%	0.205%
24	7.498	915	920	922	rBV2	385477	431820	20.28%	0.911%
25	7.528	922	925	927	rVV	1478308	1297102	60.93%	2.736%
26	7.551	927	929	934	rVB	1378682	1204657	56.59%	2.541%
27	7.610	934	939	942	rBV5	319451	439180	20.63%	0.926%
28	7.663	942	948	952	rBV4	181977	396858	18.64%	0.837%
29	7.734	958	960	962	rBV2	234681	180632	8.48%	0.381%
30	7.757	962	964	966	rBV	194340	167308	7.86%	0.353%
31	7.845	974	979	980	rBV3	127963	164458	7.73%	0.347%
32	7.863	980	982	984	rVV	307895	252382	11.86%	0.532%
33	7.892	984	987	989	rVV3	293692	306337	14.39%	0.646%
34	7.922	989	992	995	rVV2	283711	326547	15.34%	0.689%

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35	7.957	995	998	1000	rVV3	269631	268526	12.61%	0.566%
36	7.986	1000	1003	1006	rVV	750941	634061	29.78%	1.337%
37	8.010	1006	1007	1009	rVV	170331	98938	4.65%	0.209%
38	8.033	1009	1011	1013	rVV	261681	179320	8.42%	0.378%
39	8.063	1013	1016	1018	rVB4	183172	177857	8.35%	0.375%
40	8.086	1018	1020	1023	rVB	190987	156165	7.34%	0.329%
41	8.116	1023	1025	1028	rVB2	206496	184651	8.67%	0.389%
42	8.145	1028	1030	1032	rBV2	104734	108076	5.08%	0.228%
43	8.198	1034	1039	1040	rBV3	146423	195806	9.20%	0.413%
44	8.222	1040	1043	1045	rVV	1873531	1513336	71.09%	3.192%
45	8.251	1045	1048	1051	rVV	1726128	1508614	70.86%	3.182%
46	8.298	1053	1056	1059	rVB2	894747	761070	35.75%	1.605%
47	8.333	1059	1062	1068	rBV4	284100	384057	18.04%	0.810%
48	8.398	1070	1073	1076	rBV5	132107	174590	8.20%	0.368%
49	8.445	1079	1081	1087	rVB2	270768	279468	13.13%	0.589%
50	8.492	1087	1089	1093	rBV3	131967	162606	7.64%	0.343%
51	8.533	1093	1096	1101	rVB5	571442	672650	31.60%	1.419%
52	8.581	1101	1104	1108	rBV3	227877	313234	14.71%	0.661%
53	8.616	1108	1110	1112	rBV	298476	240913	11.32%	0.508%
54	8.657	1115	1117	1120	rVB	717701	581341	27.31%	1.226%
55	8.686	1120	1122	1125	rBV2	169126	133965	6.29%	0.283%
56	8.716	1125	1127	1130	rVB2	148315	132148	6.21%	0.279%
57	8.751	1130	1133	1136	rBV	531036	444999	20.90%	0.939%
58	8.786	1136	1139	1141	rBV3	127711	111161	5.22%	0.234%
59	8.833	1144	1147	1151	rVB	1741482	1504794	70.69%	3.174%
60	8.875	1151	1154	1156	rBV4	100773	151429	7.11%	0.319%
61	8.910	1158	1160	1162	rBV2	181844	179338	8.42%	0.378%
62	8.992	1172	1174	1177	rBV3	112525	95403	4.48%	0.201%
63	9.028	1177	1180	1182	rBV3	122035	144927	6.81%	0.306%
64	9.069	1185	1187	1190	rVV3	359657	311805	14.65%	0.658%
65	9.110	1192	1194	1196	rBV2	250852	208187	9.78%	0.439%
66	9.157	1199	1202	1205	rVB3	244506	312334	14.67%	0.659%
67	9.192	1205	1208	1210	rBV2	401800	373281	17.53%	0.787%
68	9.233	1213	1215	1217	rBV	214080	174875	8.21%	0.369%
69	9.263	1217	1220	1222	rVB	542755	399102	18.75%	0.842%
70	9.322	1227	1230	1235	rVB	2312184	2093061	98.32%	4.414%
71	9.398	1239	1243	1246	rBV	1725500	1482991	69.66%	3.128%

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72	9.439	1248	1250	1252	rVV2	121754	106851	5.02%	0.225%
73	9.475	1254	1256	1258	rVB	261680	190146	8.93%	0.401%
74	9.586	1272	1275	1281	rBV6	120872	179064	8.41%	0.378%
75	9.657	1281	1287	1289	rBV6	195254	362220	17.01%	0.764%
76	9.716	1294	1297	1300	rBV2	727131	681022	31.99%	1.436%
77	9.775	1305	1307	1310	rBV3	201347	203149	9.54%	0.428%
78	9.927	1330	1333	1336	rVB	1335190	979316	46.00%	2.065%
79	10.010	1344	1347	1350	rVB2	1549319	1312198	61.64%	2.768%
80	10.163	1369	1373	1375	rVV4	97935	142538	6.70%	0.301%
81	10.186	1375	1377	1379	rVV	136538	114775	5.39%	0.242%
82	10.216	1379	1382	1384	rVB3	97929	106703	5.01%	0.225%
83	10.245	1384	1387	1392	rBV2	199682	239122	11.23%	0.504%
84	10.327	1397	1401	1403	rBV3	75601	95293	4.48%	0.201%
85	10.427	1414	1418	1421	rVV	847343	654821	30.76%	1.381%
86	10.645	1451	1455	1458	rBV	227826	260509	12.24%	0.549%
87	10.798	1478	1481	1484	rBV	1163991	963452	45.26%	2.032%
88	10.898	1495	1498	1504	rBV	479085	603740	28.36%	1.273%
89	11.351	1572	1575	1577	rBV	295715	214947	10.10%	0.453%
90	11.504	1597	1601	1603	rBV	1218221	1114190	52.34%	2.350%
91	11.780	1645	1648	1651	rVV	177826	139770	6.57%	0.295%
92	12.010	1684	1687	1696	rVV4	120097	145511	6.84%	0.307%
93	12.186	1714	1717	1720	rBV	135735	96406	4.53%	0.203%
94	12.574	1780	1783	1788	rVB2	160000	199822	9.39%	0.421%
95	12.716	1804	1807	1813	rBV	88694	96583	4.54%	0.204%
96	12.945	1844	1846	1853	rVB	150534	155297	7.29%	0.328%
97	13.086	1866	1870	1874	rBV	1630982	1386471	65.13%	2.924%
98	13.974	2018	2021	2028	rVB2	199095	219171	10.30%	0.462%
99	14.151	2047	2051	2054	rBV	1094291	985968	46.31%	2.079%
100	15.686	2308	2312	2319	rVB2	560603	790760	37.14%	1.668%

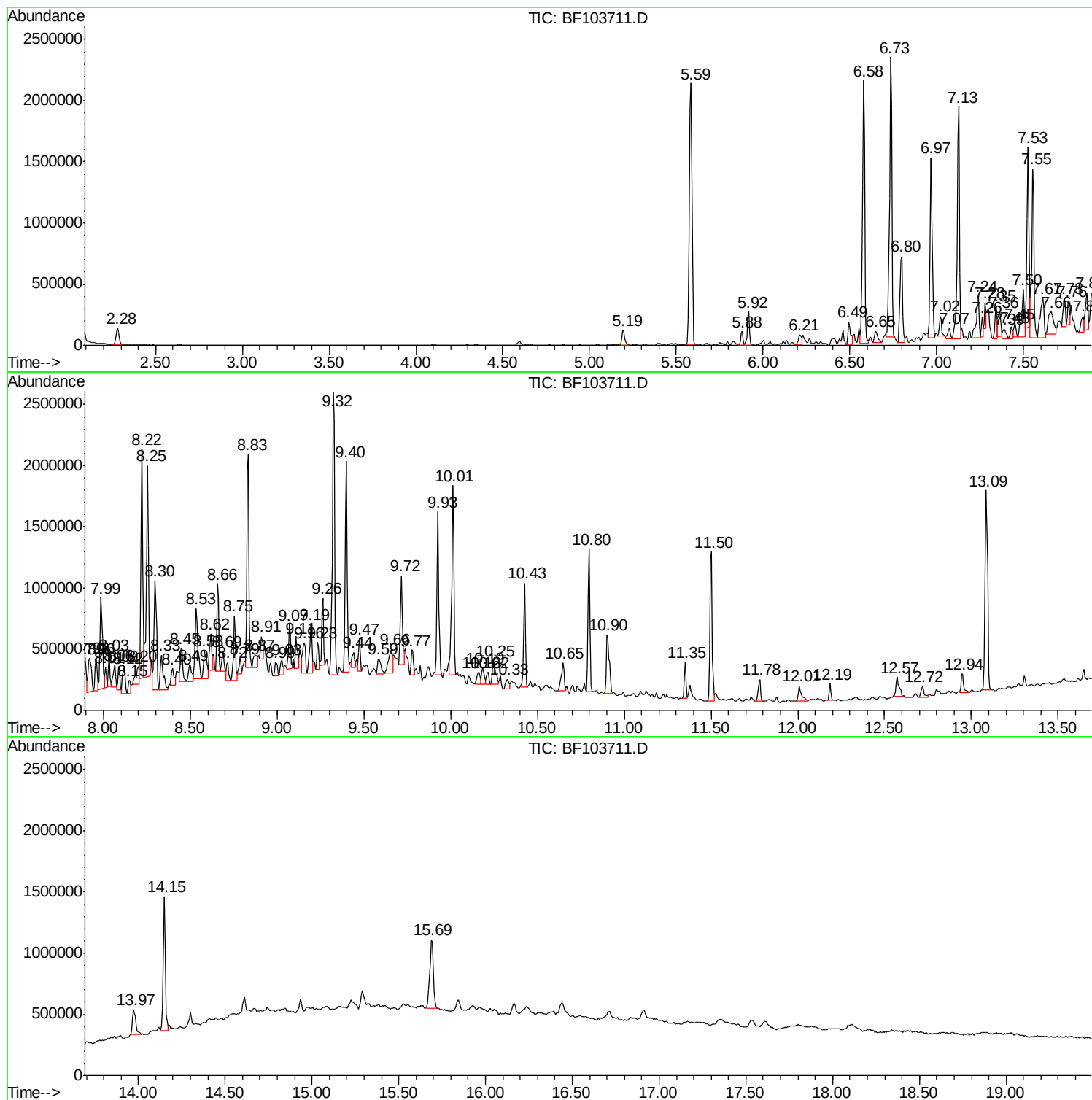
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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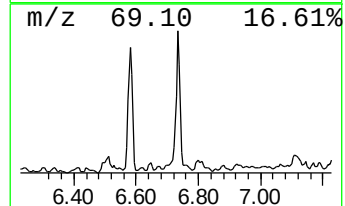
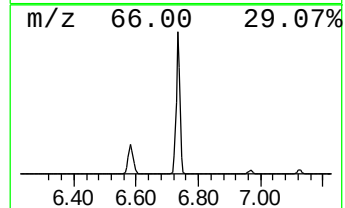
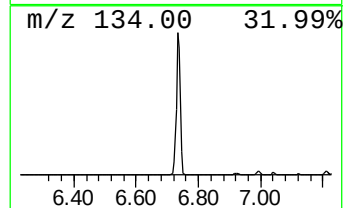
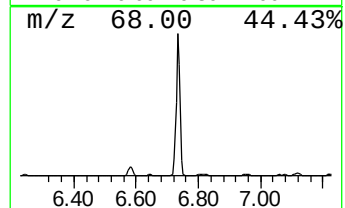
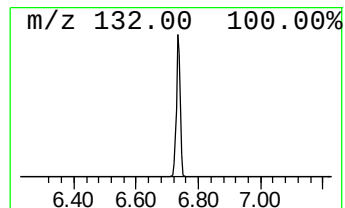
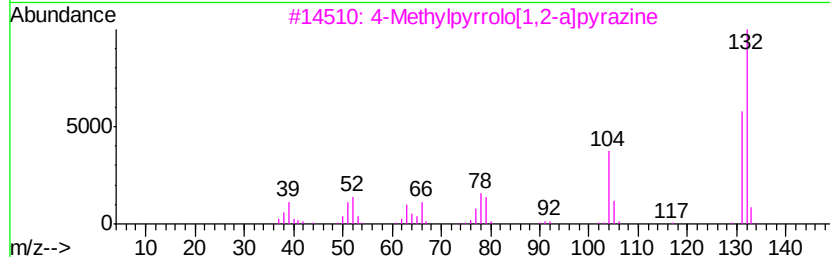
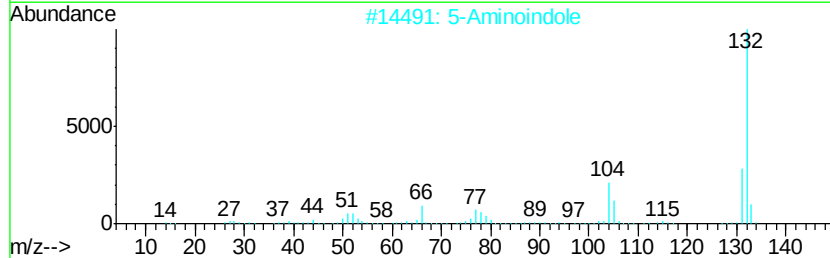
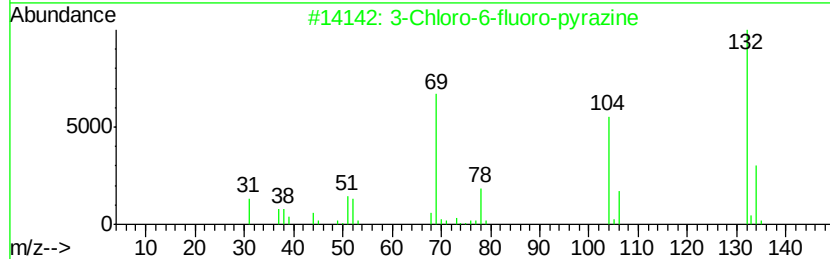
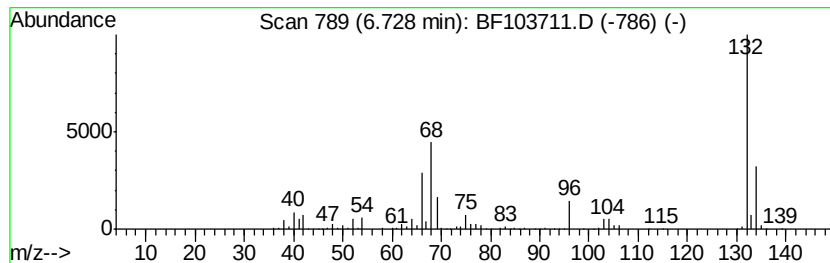
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	35.01 ng	2096020	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5			1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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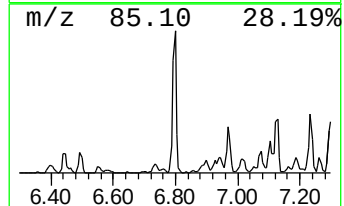
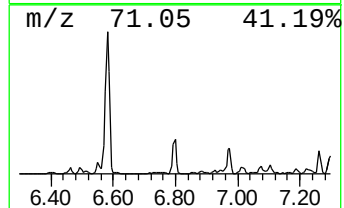
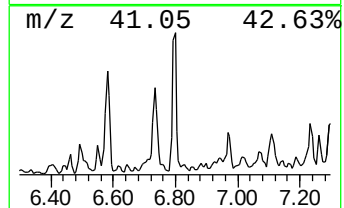
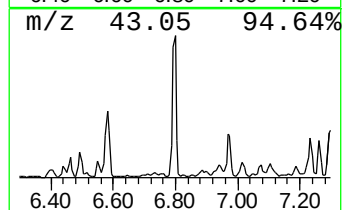
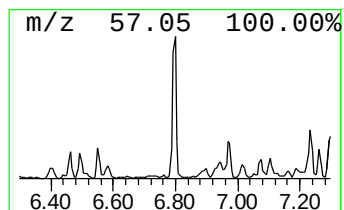
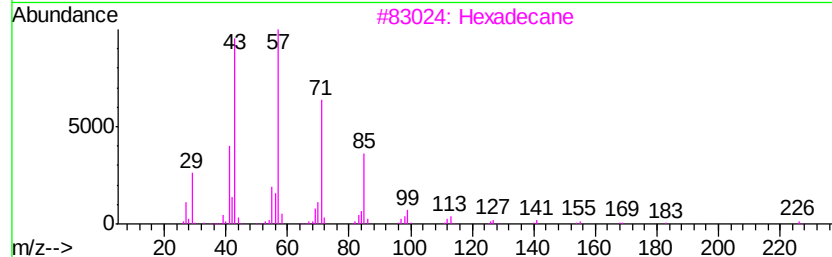
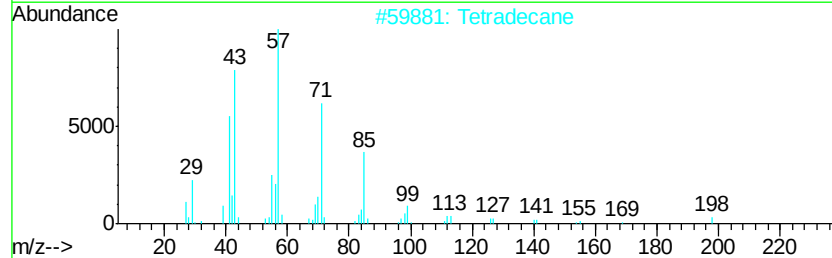
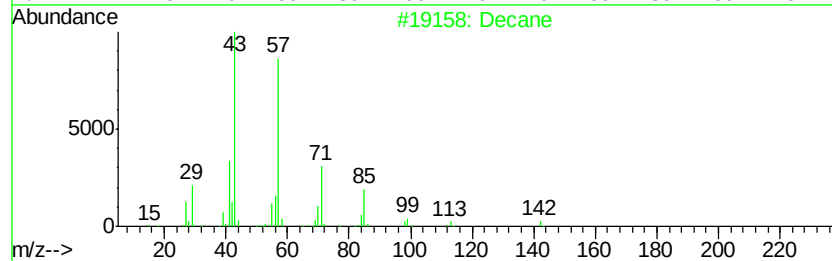
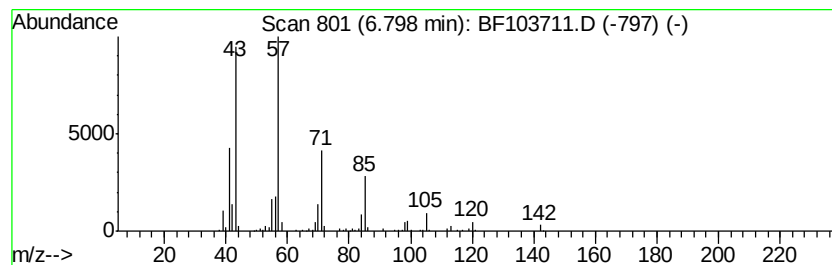
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Decane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	11.13 ng	666570	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	93
2		Tetradecane	198	C14H30	000629-59-4	72
3		Hexadecane	226	C16H34	000544-76-3	72
4		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	64
5		Undecane	156	C11H24	001120-21-4	64



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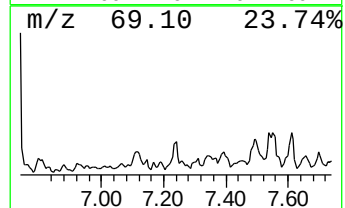
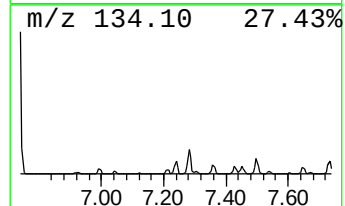
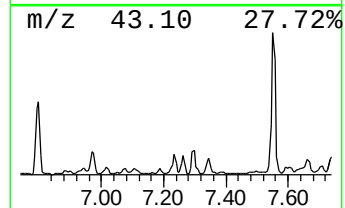
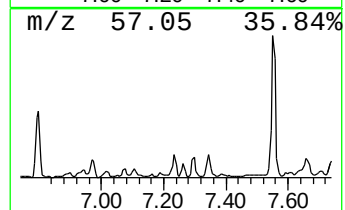
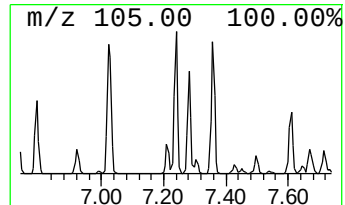
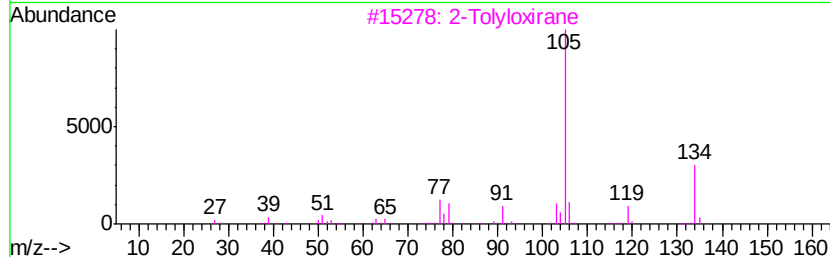
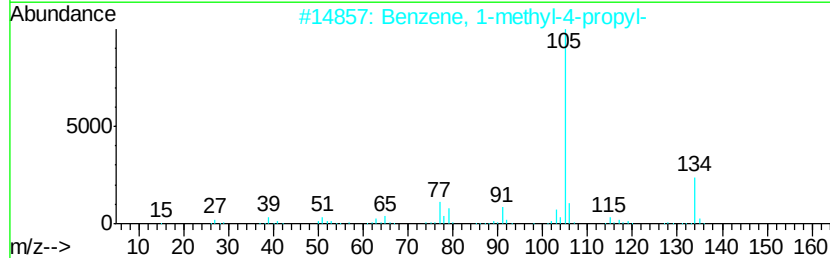
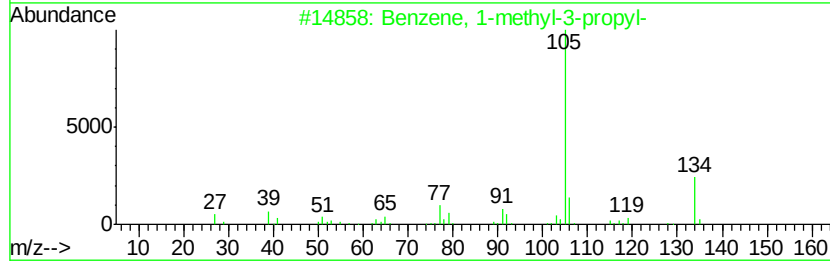
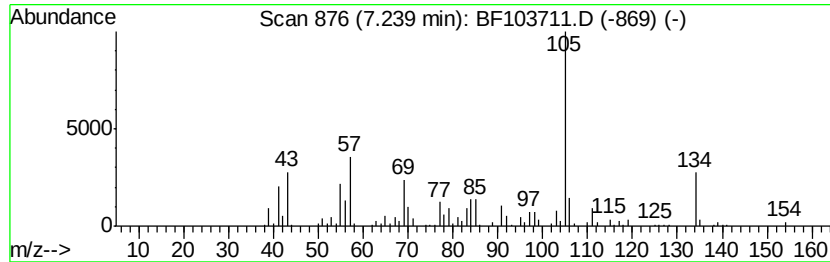
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-methyl-3-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	6.59 ng	394653	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	55
3			2-Tolyloxirane	134	C9H10O	002783-26-8	55
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	50
5			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	46



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Operator : JU/SJ
Sample : J1750-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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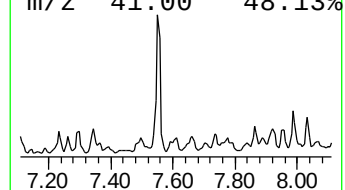
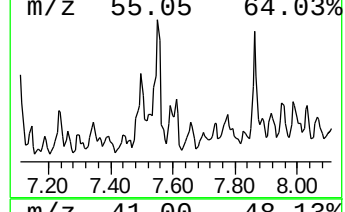
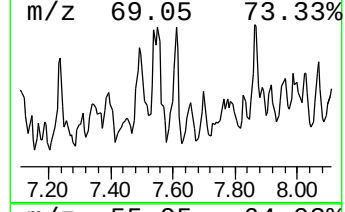
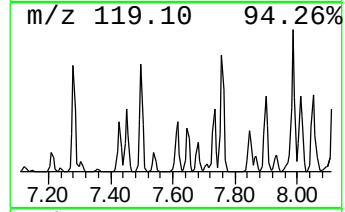
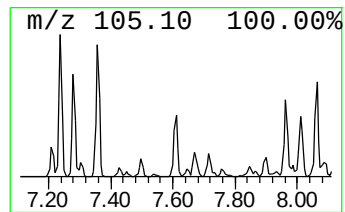
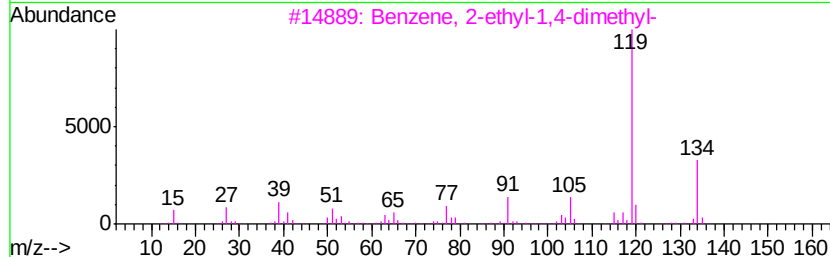
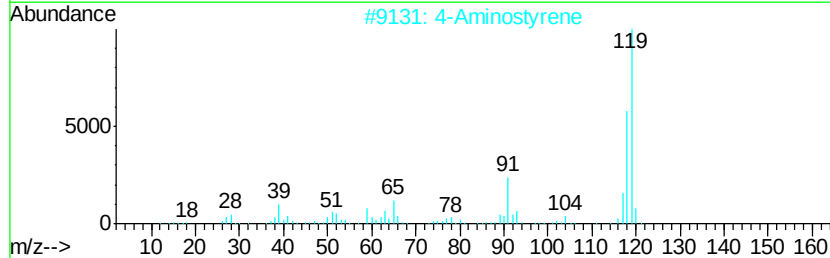
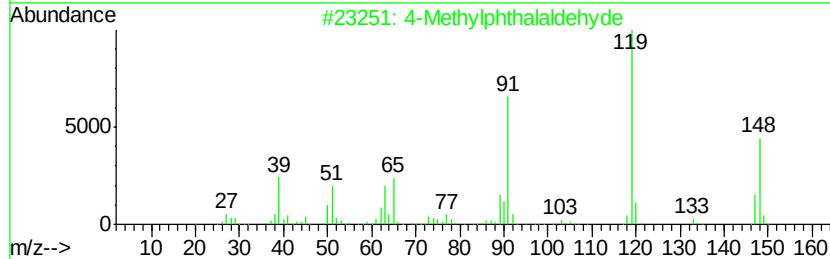
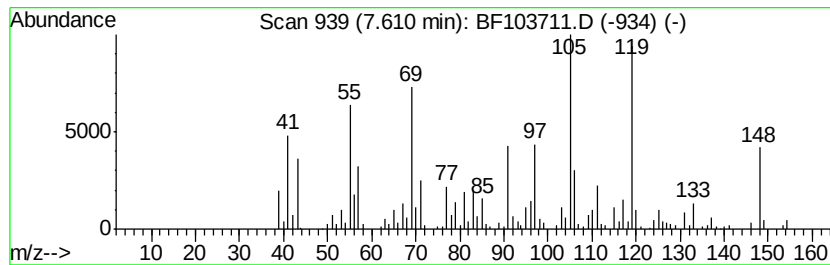
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown7.61 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	5.82 ng	439180	Naphthalene-d8	8.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylphthalaldehyde			148	C9H8O2	015158-36-8	30
2	4-Aminostyrene			119	C8H9N	001520-21-4	20
3	Benzene, 2-ethyl-1,4-dimethyl-			134	C10H14	001758-88-9	14
4	6-Methyl-hept-2-yn-4-ol			126	C8H14O	060018-69-1	14
5	Benzene, 1-ethyl-2,3-dimethyl-			134	C10H14	000933-98-2	14



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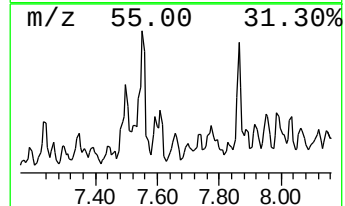
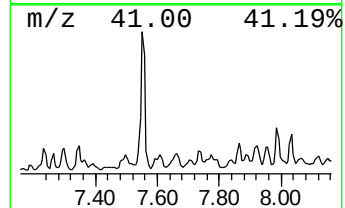
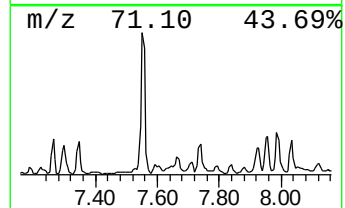
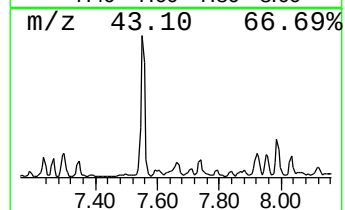
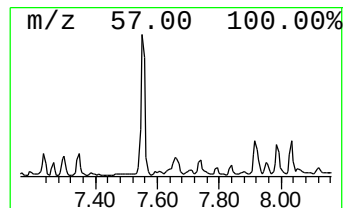
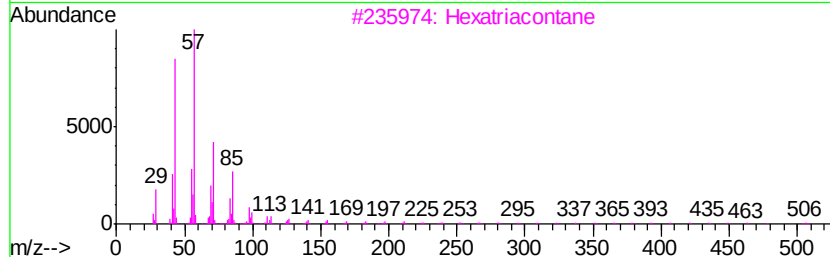
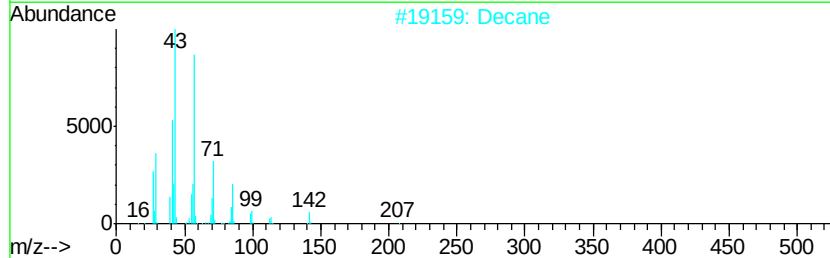
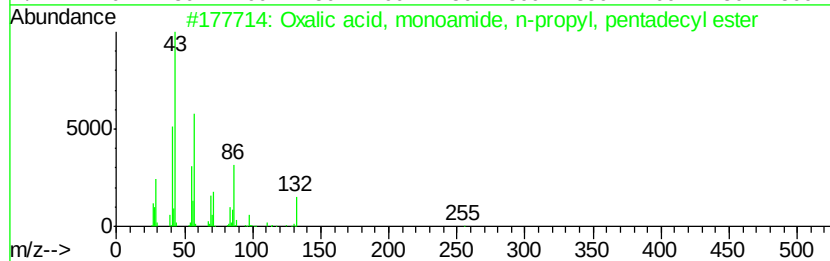
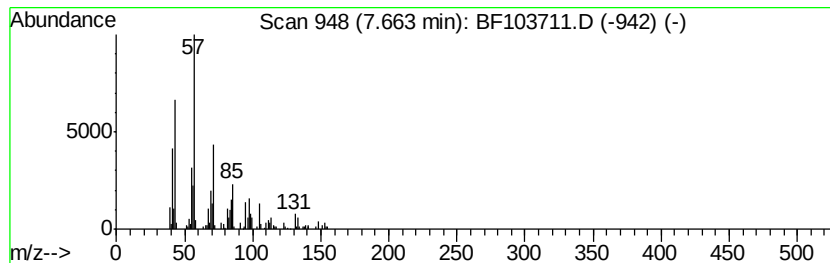
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Oxalic acid, monoamide, n-p... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	5.26 ng	396858	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, monoamide, n-propyl...	341	C20H39NO3	1000309-25-8	64
2		Decane	142	C10H22	000124-18-5	59
3		Hexatriacontane	507	C36H74	000630-06-8	50
4		Dotriacontane	451	C32H66	000544-85-4	50
5		Tridecane	184	C13H28	000629-50-5	50



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Data File : BF103711.D
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Operator : JU/SJ
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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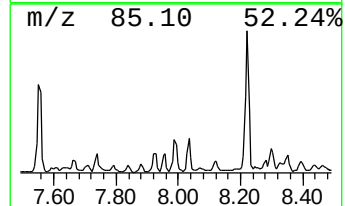
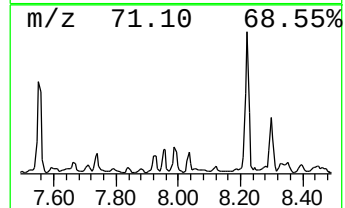
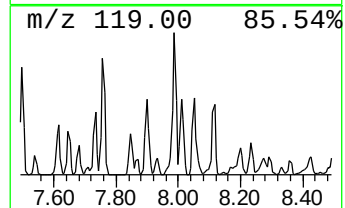
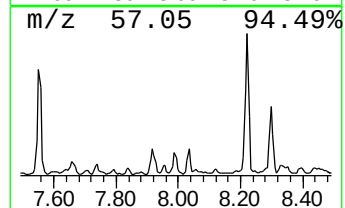
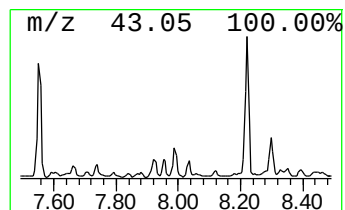
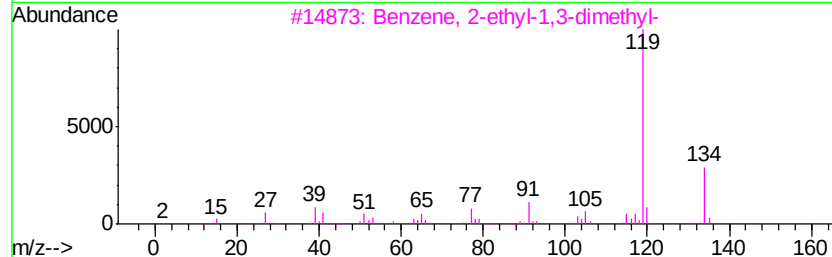
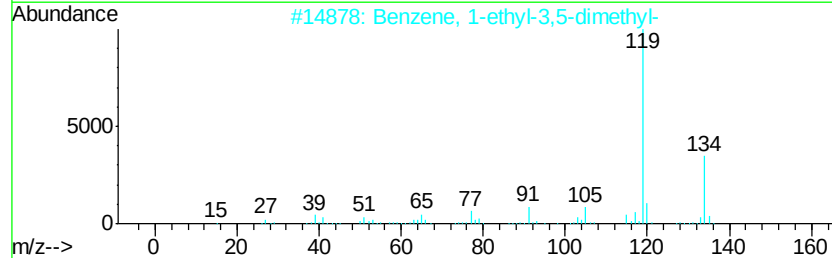
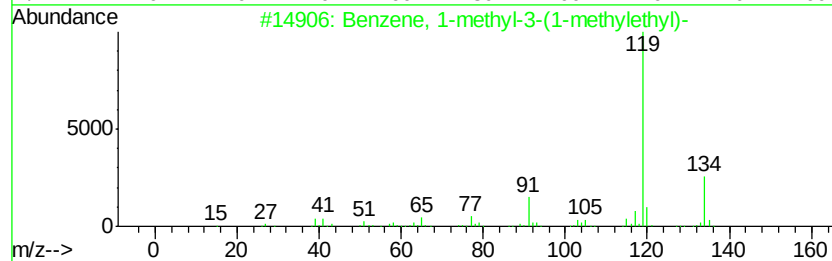
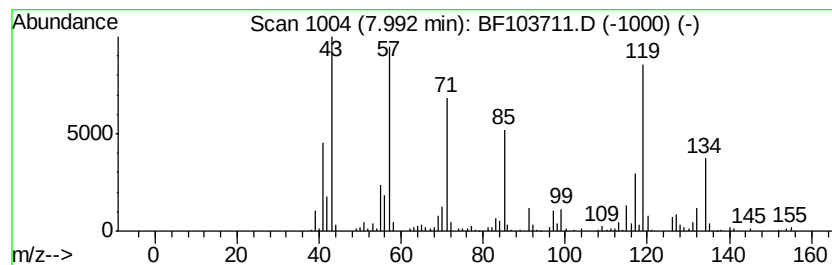
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.99 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	8.41 ng	634061	Napthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	46
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	41
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	41
4		o-Cymene	134	C10H14	000527-84-4	41
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	41



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
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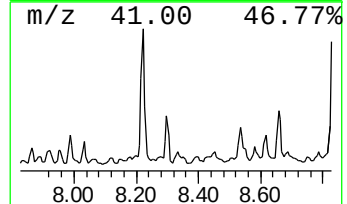
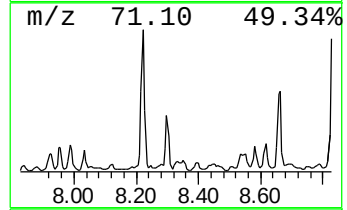
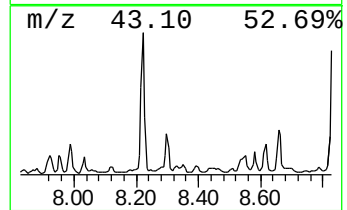
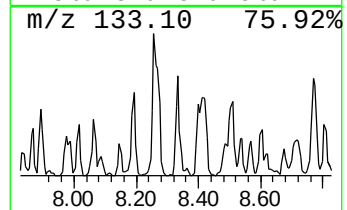
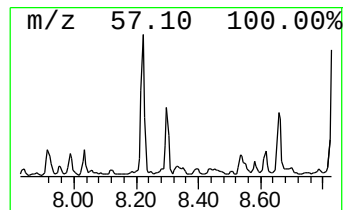
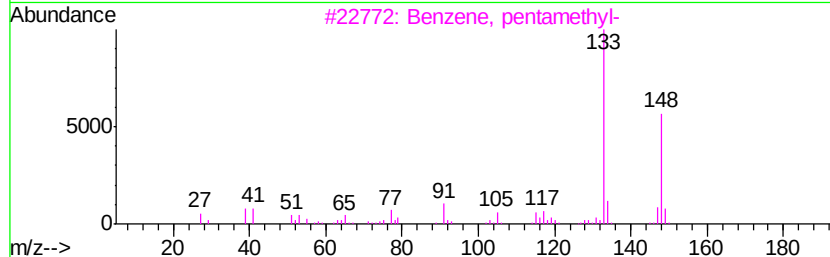
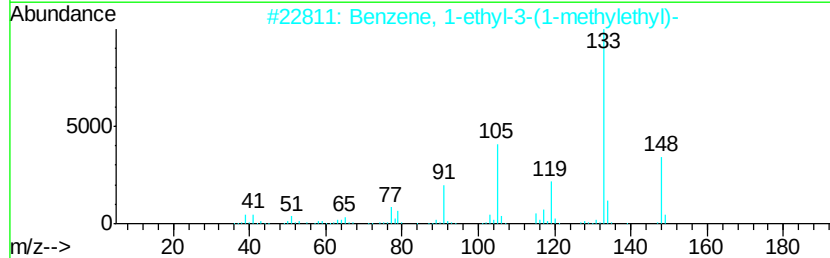
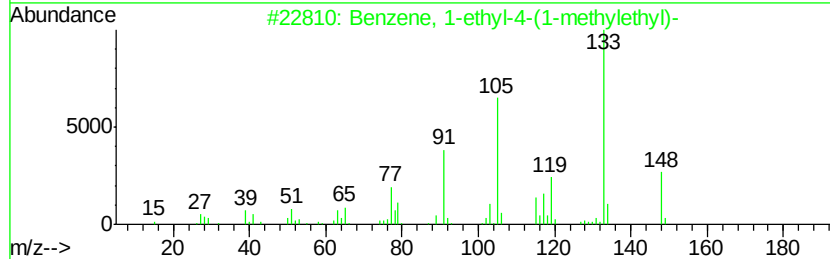
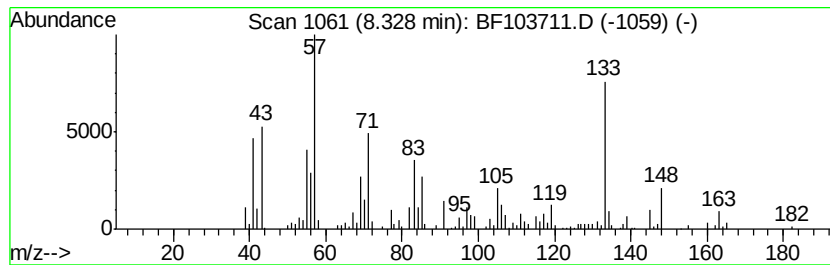
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	5.09 ng	384057	Napthalene-d8	8.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148 C11H16	004218-48-8	64
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148 C11H16	004920-99-4	50
3	Benzene, pentamethyl-	148 C11H16	000700-12-9	46
4	Benzene, 1,4-diethyl-2-methyl-	148 C11H16	013632-94-5	46
5	Benzene, 2,4-diethyl-1-methyl-	148 C11H16	001758-85-6	46



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
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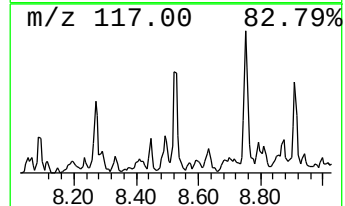
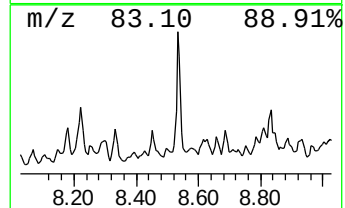
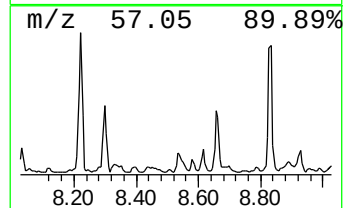
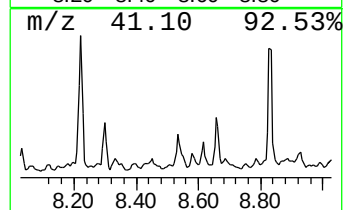
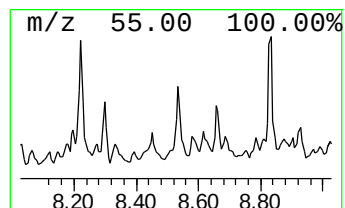
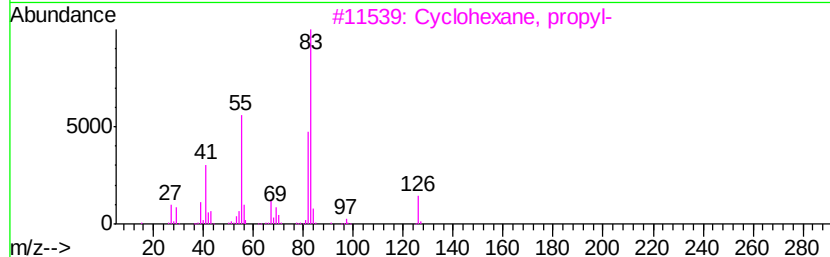
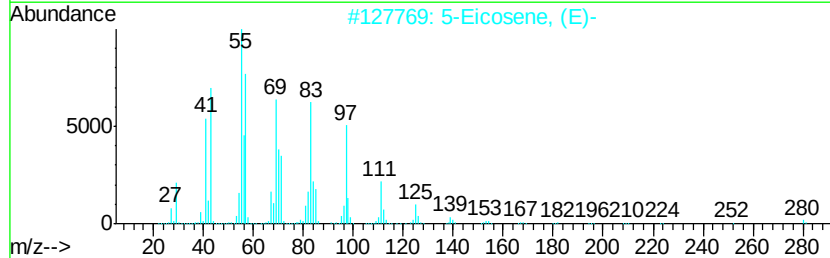
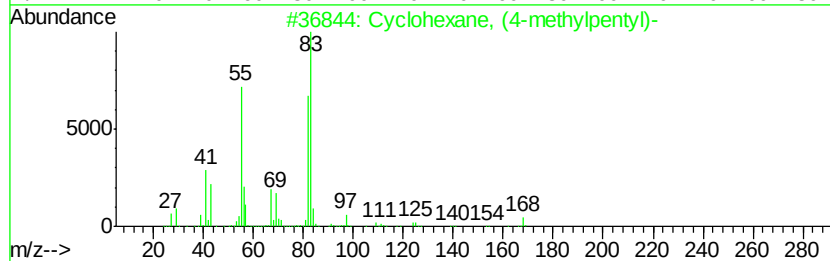
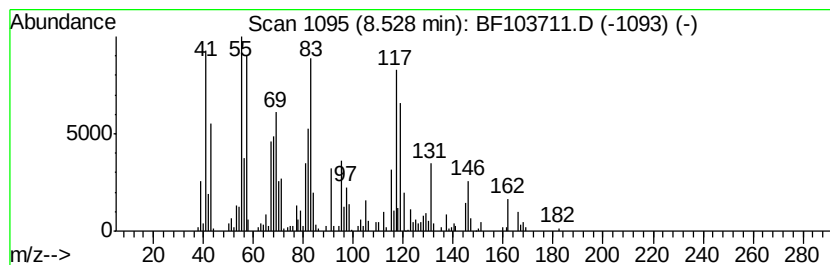
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown8.53 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.53	8.92 ng	672650	Naphthalene-d8	8.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	43
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	38
4	1-Butanone, 1-cyclohexyl-	154	C10H18O	001462-27-7	38
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	38



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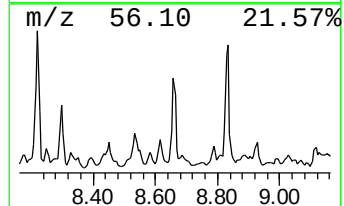
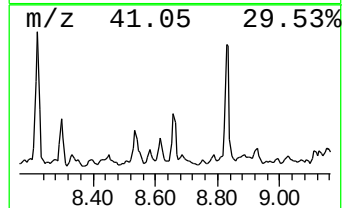
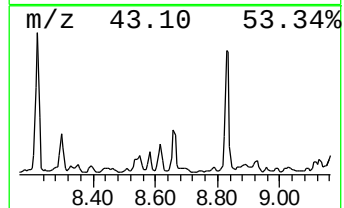
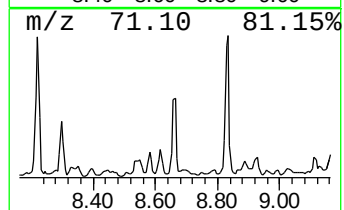
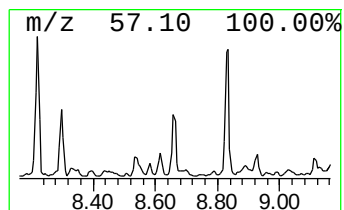
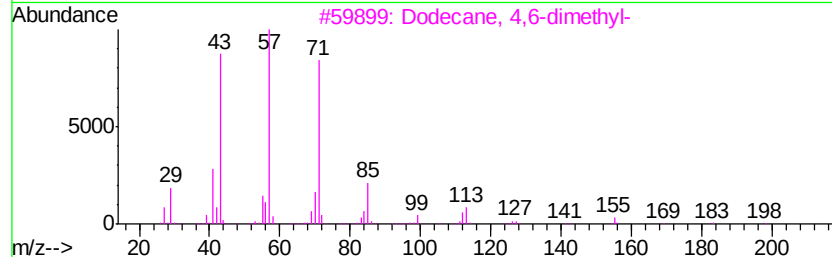
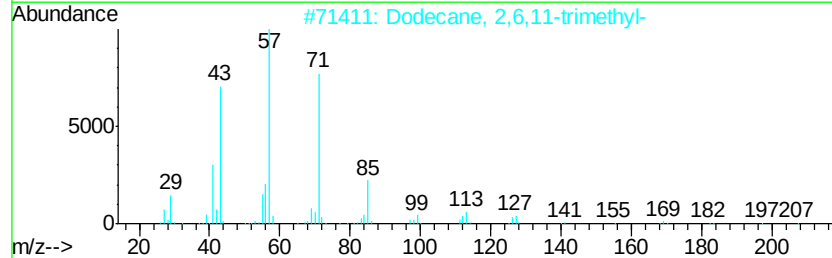
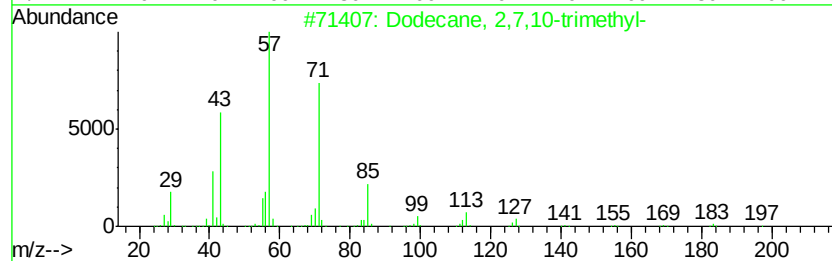
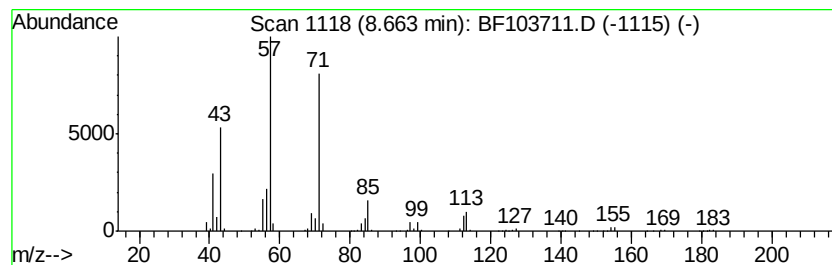
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Dodecane, 2,7,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	7.71 ng	581341	Napthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	59



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103711.D
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ALS Vial : 14 Sample Multiplier: 1

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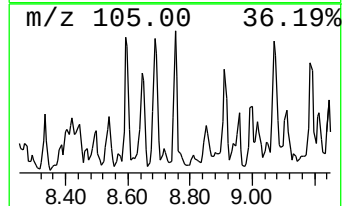
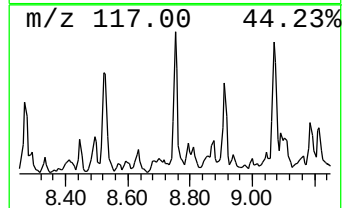
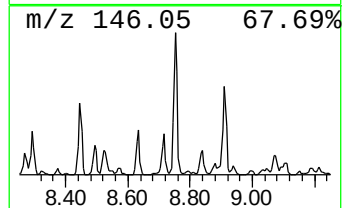
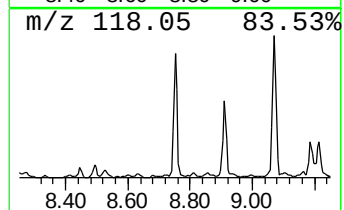
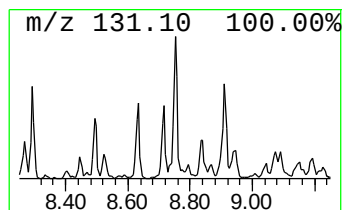
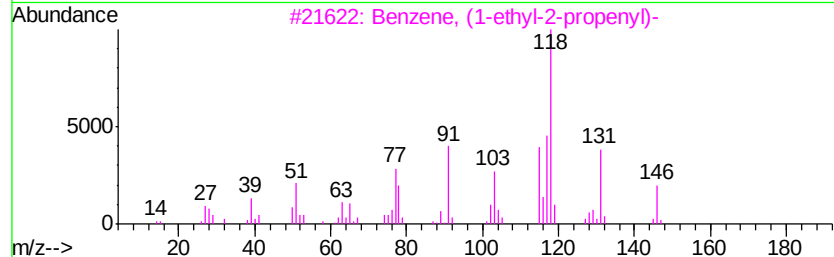
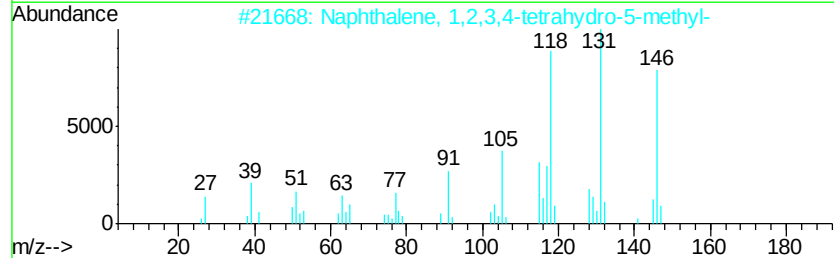
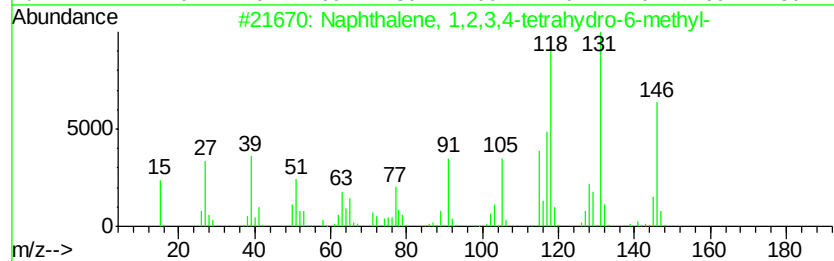
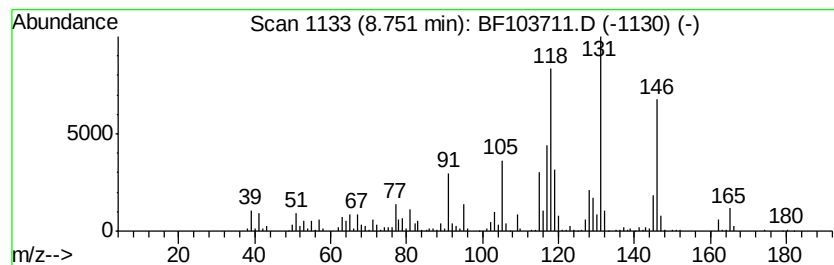
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,2,3,4-tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	5.90 ng	444999	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	83
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
5		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	58



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103711.D
Acq On : 16 Mar 2018 22:00
Operator : JU/SJ
Sample : J1750-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-C

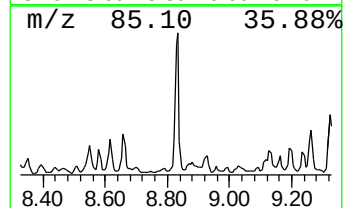
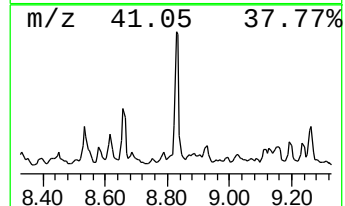
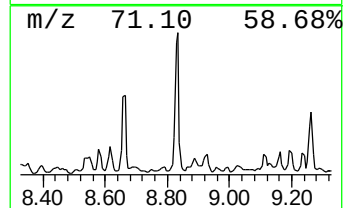
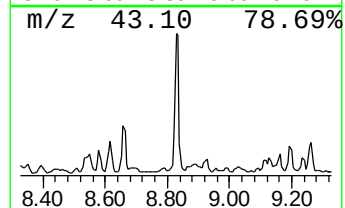
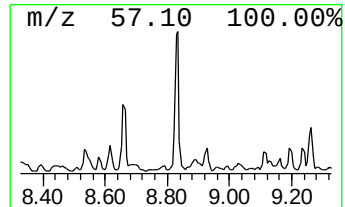
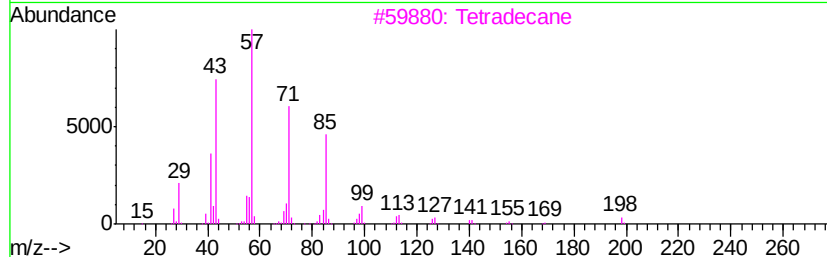
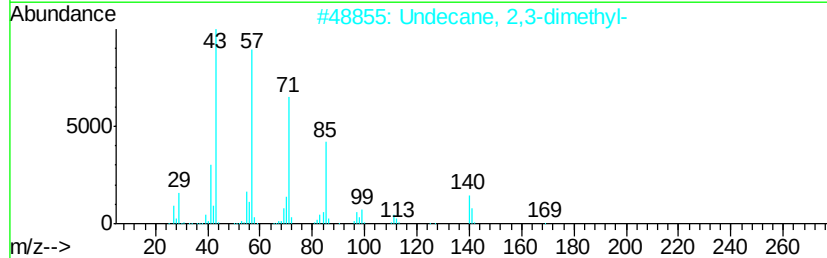
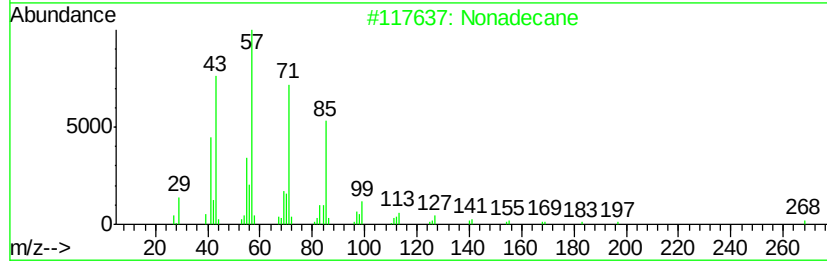
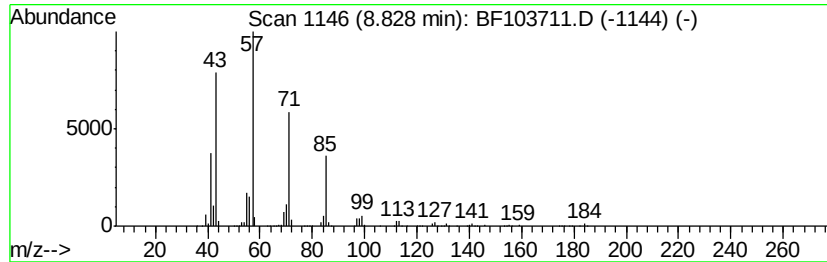
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	19.95 ng	1504790	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	90
2		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	90
3		Tetradecane	198	C14H30	000629-59-4	86
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	81
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	78



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103711.D
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ClientSampleId :
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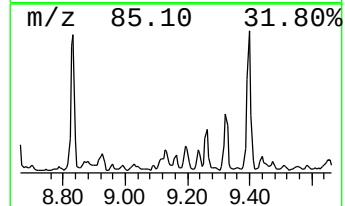
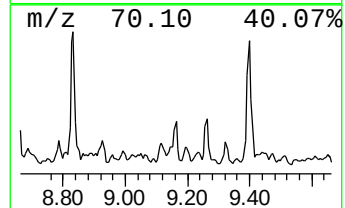
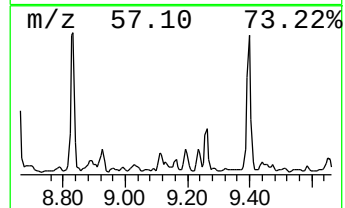
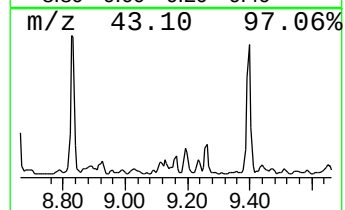
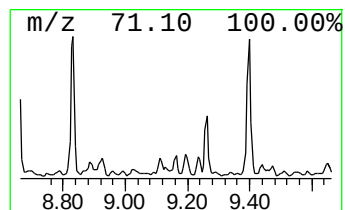
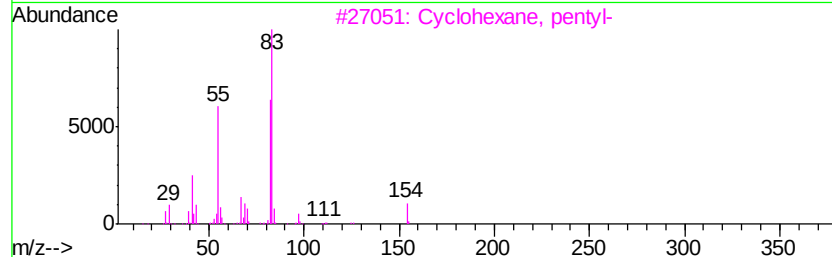
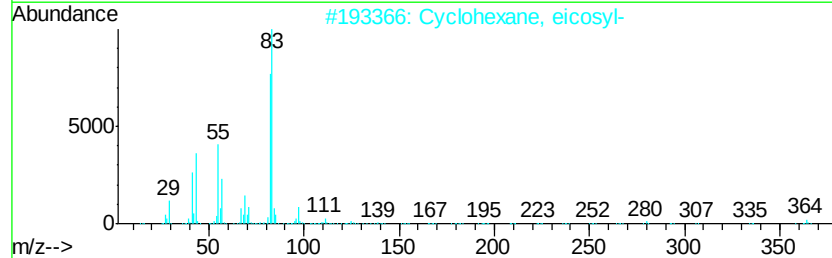
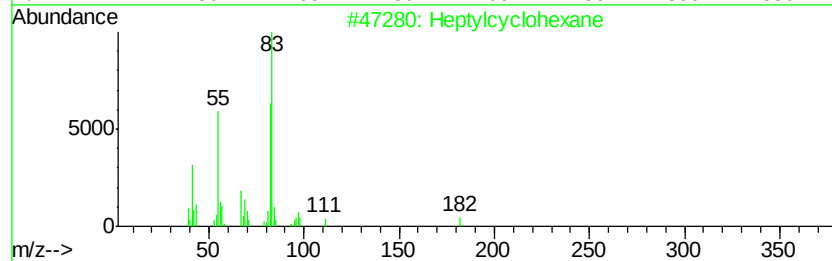
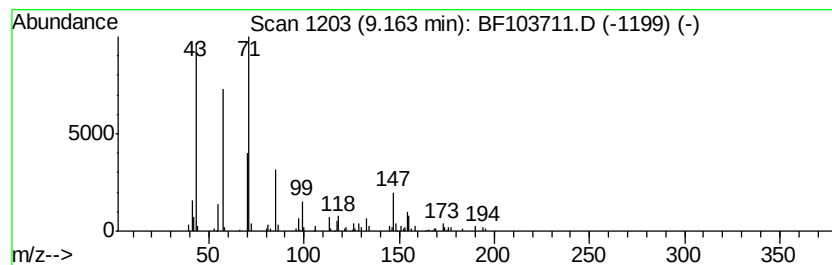
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptylcyclohexane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	4.76 ng	312334	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	50
2		Cyclohexane, eicosyl-	364	C26H52	004443-55-4	43
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
4		3-Methyl-1-[(1H)-1,2,4-triazol-1...	153	C7H11N3O	064922-02-7	38
5		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103711.D
Acq On : 16 Mar 2018 22:00
Operator : JU/SJ
Sample : J1750-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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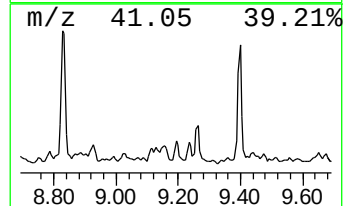
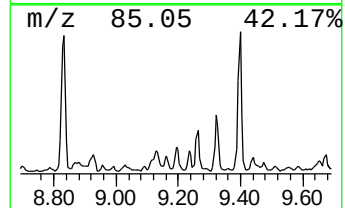
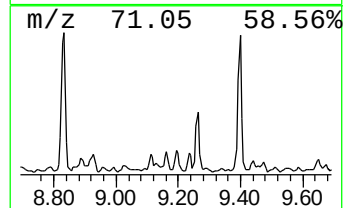
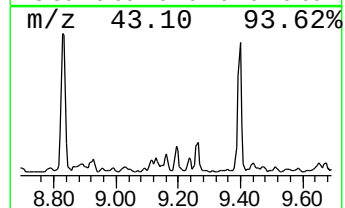
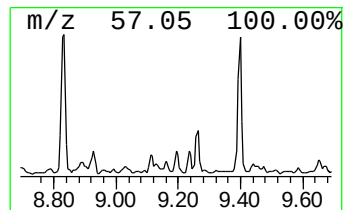
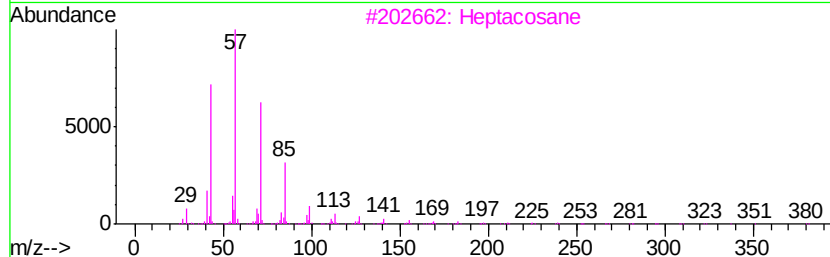
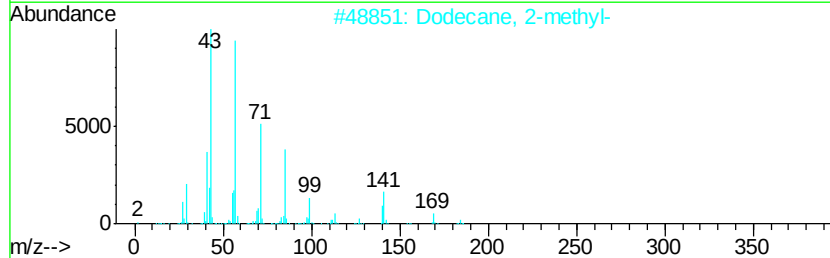
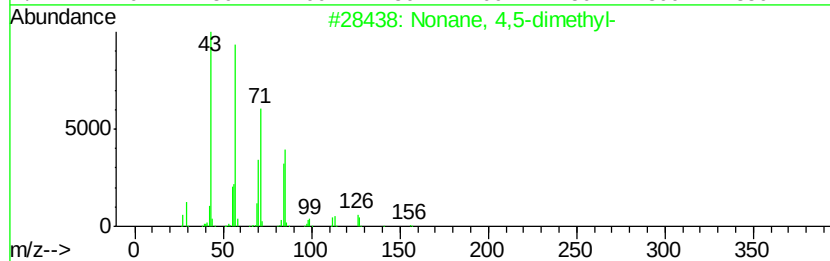
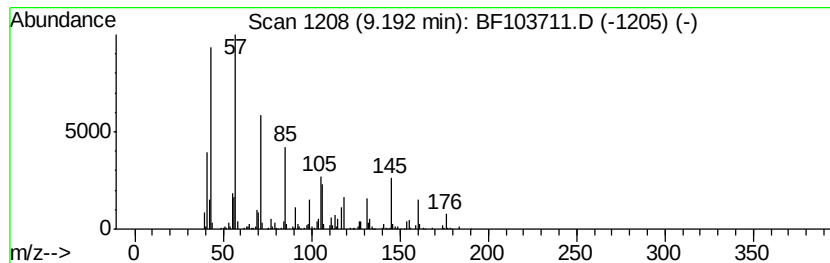
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown9.19 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	5.69 ng	373281	Acenaphthene-d10	10.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	42
2			Dodecane, 2-methyl-	184	C13H28	001560-97-0	38
3			Heptacosane	380	C27H56	000593-49-7	38
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38
5			Octacosane	394	C28H58	000630-02-4	38



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103711.D
Acq On : 16 Mar 2018 22:00
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Misc :
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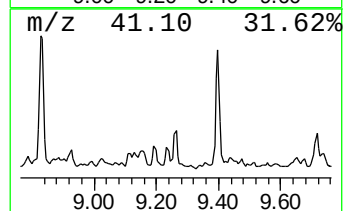
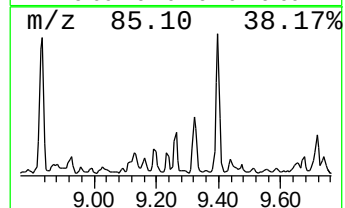
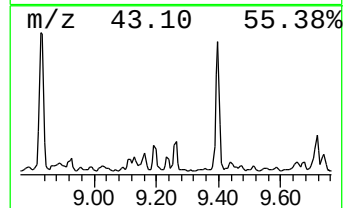
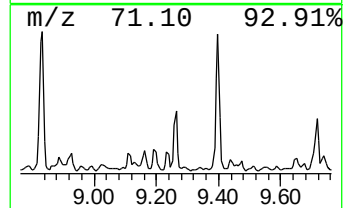
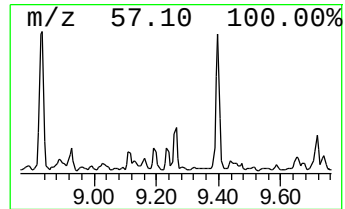
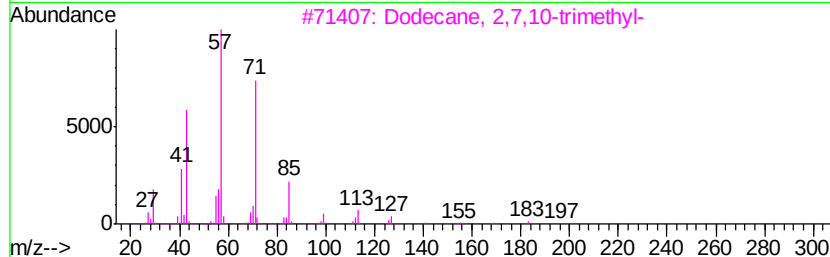
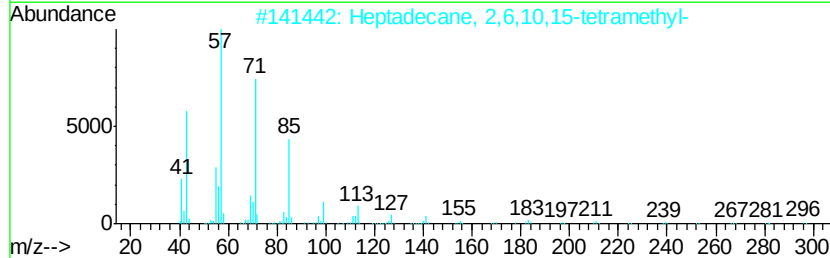
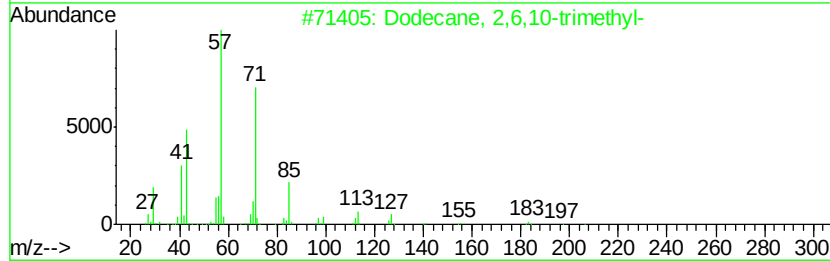
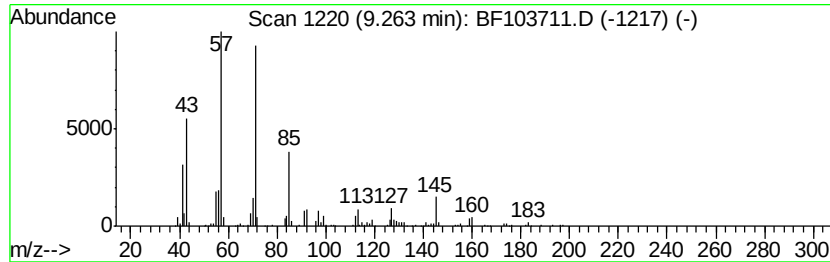
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	6.08 ng	399102	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	58
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103711.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-05-031518-C

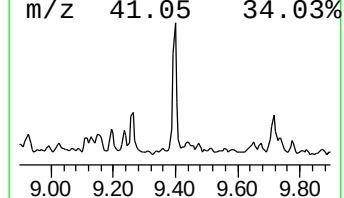
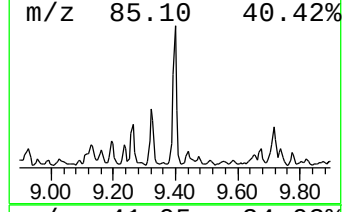
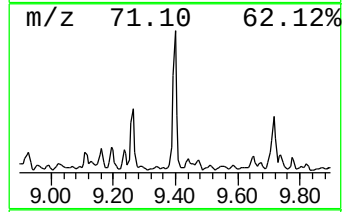
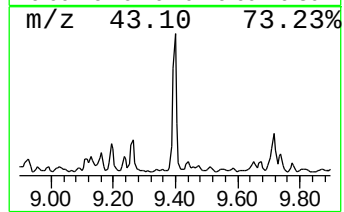
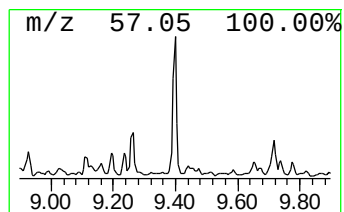
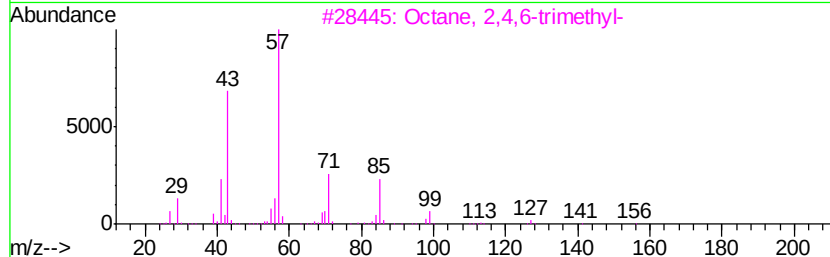
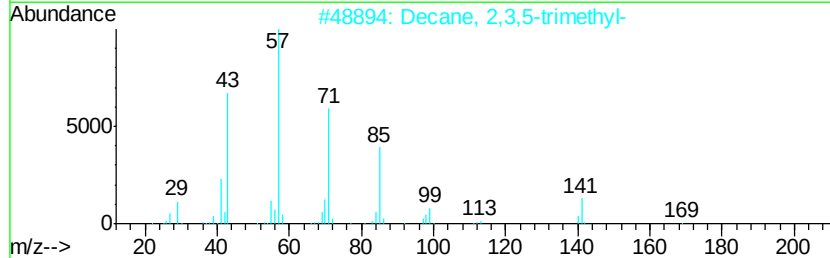
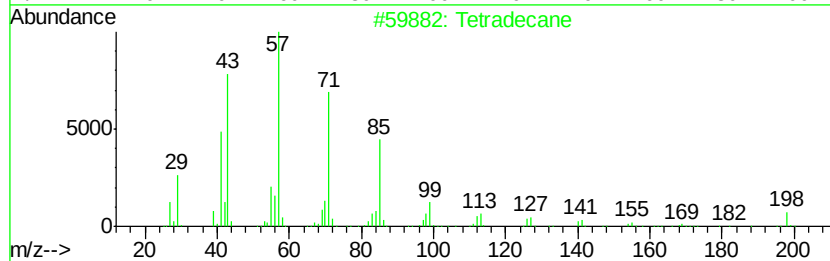
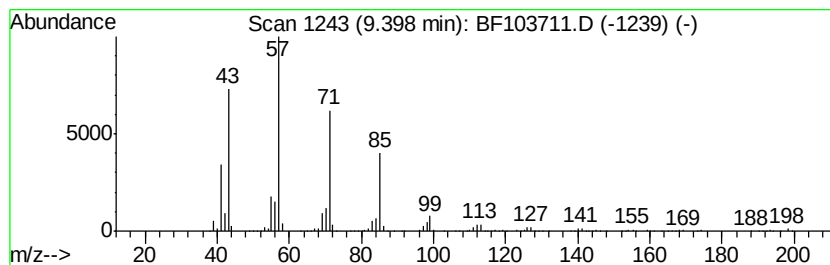
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	22.60 ng	1482990	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	86
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5		Tridecane	184	C13H28	000629-50-5	80



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
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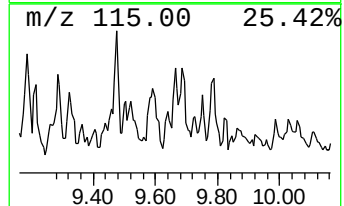
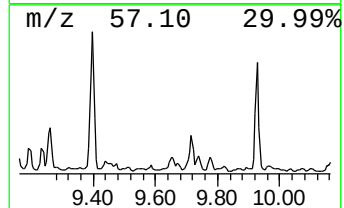
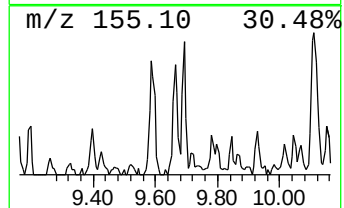
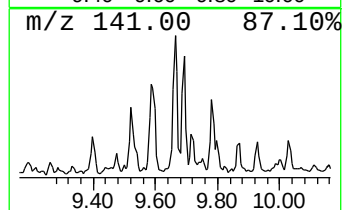
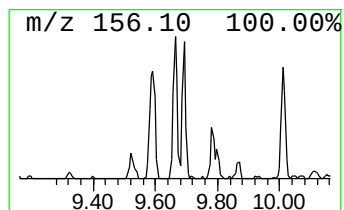
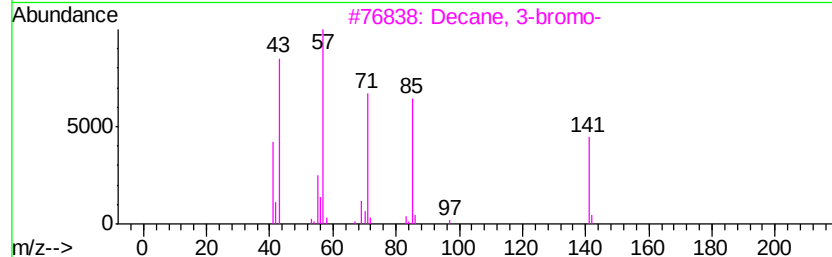
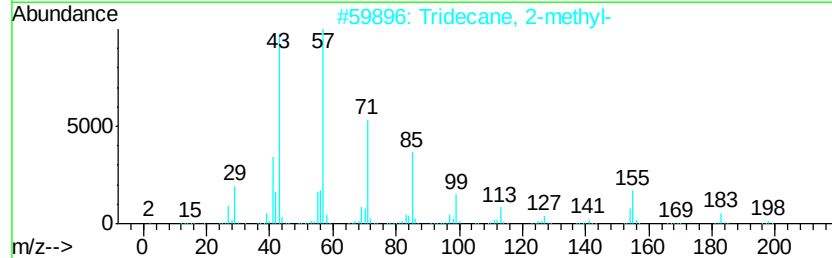
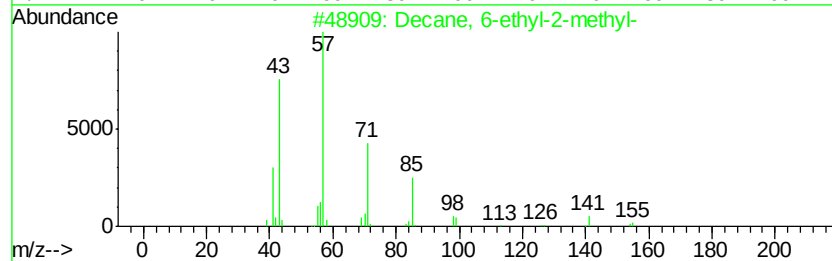
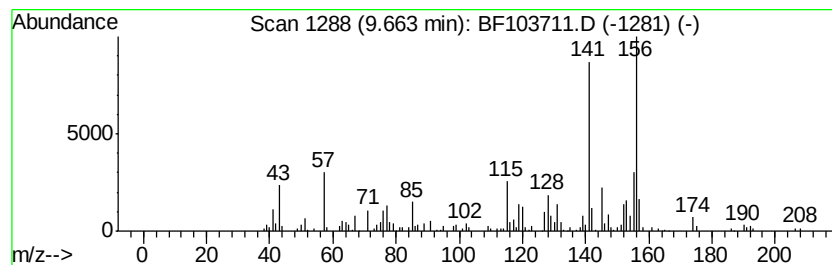
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown9.66 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.66	5.52 ng	362220	Acenaphthene-d10		10.01
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	16
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	10
3	Decane, 3-bromo-	220	C10H21Br	030571-71-2	10
4	Decane, 5-methyl-	156	C11H24	013151-35-4	10
5	Heptacosane	380	C27H56	000593-49-7	10



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
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Acq On : 16 Mar 2018 22:00
Operator : JU/SJ
Sample : J1750-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

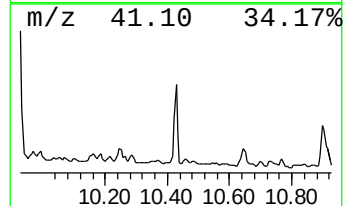
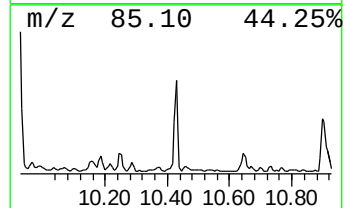
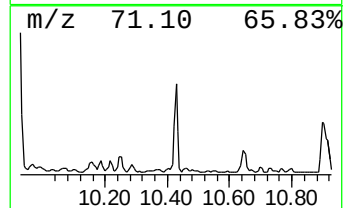
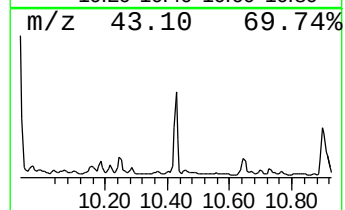
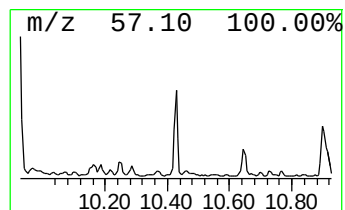
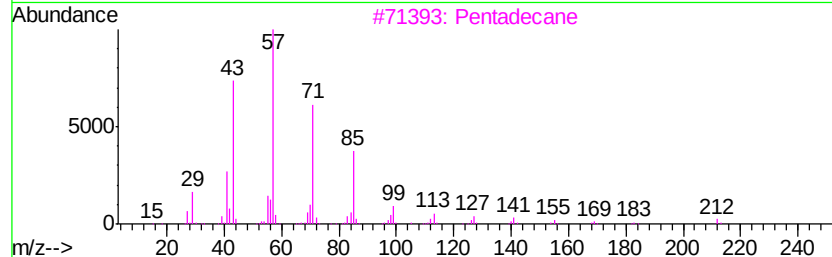
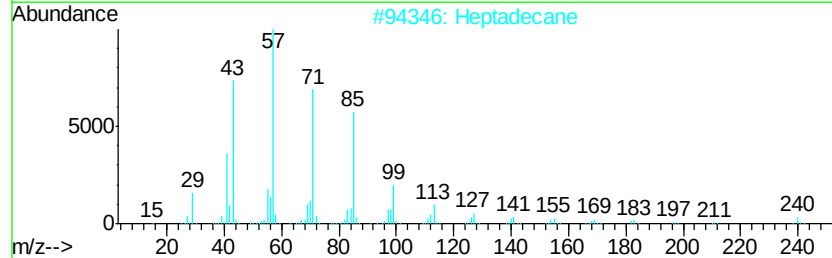
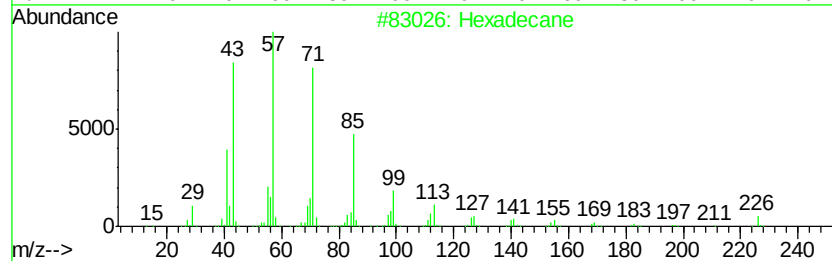
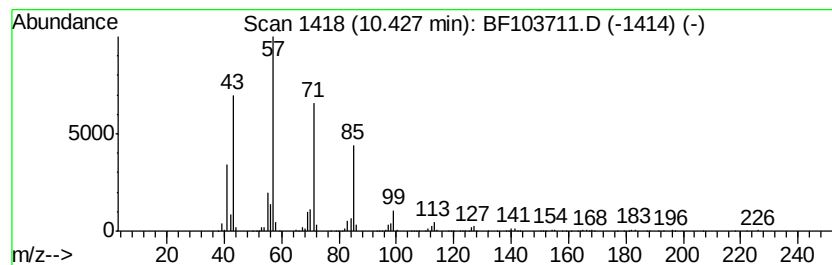
Instrument :
BNA_F
ClientSampleId :
HR-05-031518-C

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	9.98 ng	654821	Acenaphthene-d10	10.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	94
2	Heptadecane	240 C17H36	000629-78-7	90
3	Pentadecane	212 C15H32	000629-62-9	86
4	Pentadecane, 7-methyl-	226 C16H34	006165-40-8	81
5	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	80



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103711.D
Acq On : 16 Mar 2018 22:00
Operator : JU/SJ
Sample : J1750-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-C

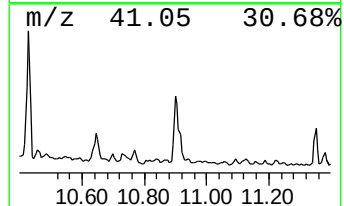
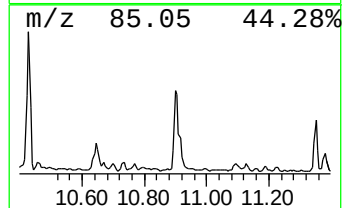
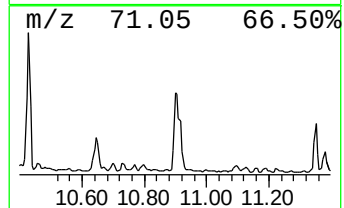
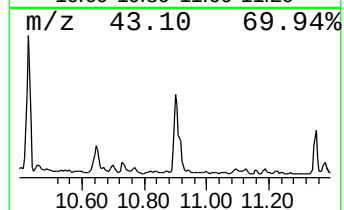
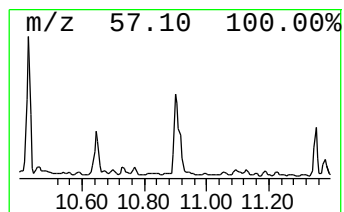
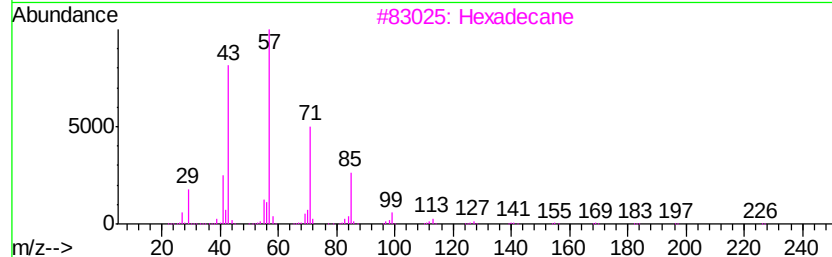
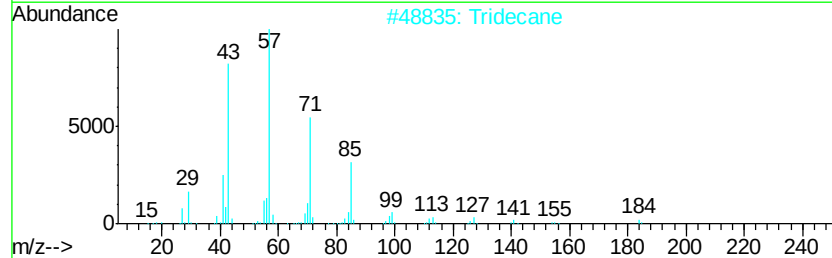
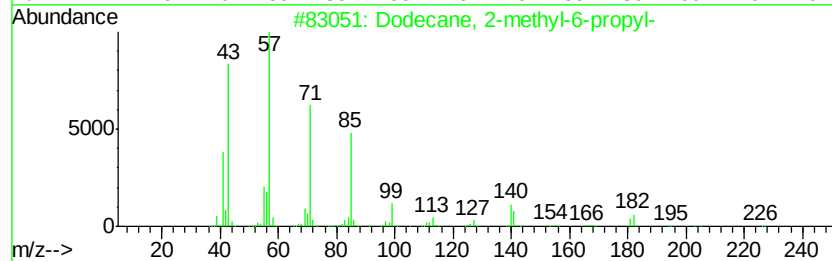
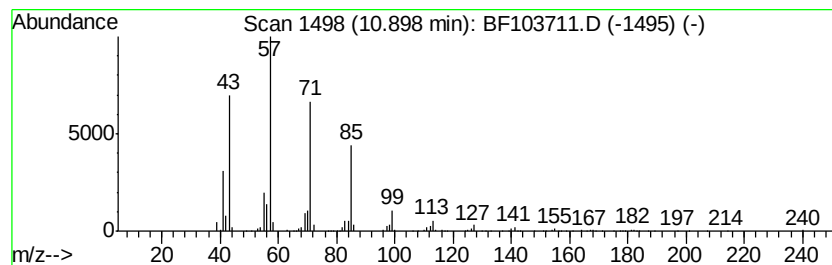
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dodecane, 2-methyl-6-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	10.84 ng	603740	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2		Tridecane	184	C13H28	000629-50-5	86
3		Hexadecane	226	C16H34	000544-76-3	80
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5		Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF031618\
 Data File : BF103711.D
 Acq On : 16 Mar 2018 22:00
 Operator : JU/SJ
 Sample : J1750-05 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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
unknown6.73	6.73	35.0	ng	2096020	1	6.97	1197490	20.0
Decane	6.80	11.1	ng	666570	1	6.97	1197490	20.0
Benzene, 1-methyl...	7.24	6.6	ng	394653	1	6.97	1197490	20.0
unknown7.61	7.61	5.8	ng	439180	2	8.25	1508610	20.0
Oxalic acid, mono...	7.66	5.3	ng	396858	2	8.25	1508610	20.0
unknown7.99	7.99	8.4	ng	634061	2	8.25	1508610	20.0
Benzene, 1-ethyl-...	8.33	5.1	ng	384057	2	8.25	1508610	20.0
unknown8.53	8.53	8.9	ng	672650	2	8.25	1508610	20.0
Dodecane, 2,7,10-...	8.66	7.7	ng	581341	2	8.25	1508610	20.0
Naphthalene, 1,2,...	8.75	5.9	ng	444999	2	8.25	1508610	20.0
Nonadecane	8.83	19.9	ng	1504790	2	8.25	1508610	20.0
Heptylcyclohexane	9.16	4.8	ng	312334	3	10.01	1312200	20.0
unknown9.19	9.19	5.7	ng	373281	3	10.01	1312200	20.0
Dodecane, 2,6,10-...	9.26	6.1	ng	399102	3	10.01	1312200	20.0
Tetradecane	9.40	22.6	ng	1482990	3	10.01	1312200	20.0
unknown9.66	9.66	5.5	ng	362220	3	10.01	1312200	20.0
Hexadecane	10.43	10.0	ng	654821	3	10.01	1312200	20.0
Dodecane, 2-methy...	10.90	10.8	ng	603740	4	11.50	1114190	20.0