

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102775.D
 Acq On : 6 Feb 2018 11:15
 Operator : SJ/JU
 Sample : J1454-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-9-EW(1-4)

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	2.157	5	12	17	rBV	475590	625529	5.85%	0.301%
2	5.498	570	580	583	rBV	4381014	4884135	45.68%	2.352%
3	5.657	604	607	612	rVV4	417180	722965	6.76%	0.348%
4	5.745	617	622	628	rVV4	433882	710693	6.65%	0.342%
5	5.910	643	650	653	rBV3	1200318	1846957	17.27%	0.890%
6	5.951	653	657	661	rBV3	690911	1147723	10.73%	0.553%
7	6.045	668	673	676	rVB2	1458168	2107671	19.71%	1.015%
8	6.086	676	680	683	rBV2	989253	1210845	11.32%	0.583%
9	6.133	683	688	691	rVV2	4252856	5177568	48.42%	2.494%
10	6.169	691	694	696	rVV	4086473	4788197	44.78%	2.306%
11	6.192	696	698	700	rVV	3321455	2647671	24.76%	1.275%
12	6.228	700	704	706	rVV3	908076	1351679	12.64%	0.651%
13	6.251	706	708	710	rVV	937345	751707	7.03%	0.362%
14	6.275	710	712	715	rVB2	626429	593054	5.55%	0.286%
15	6.322	715	720	724	rBV3	2291340	3356316	31.39%	1.617%
16	6.363	724	727	728	rBV3	680794	638338	5.97%	0.307%
17	6.381	728	730	733	rVB	2207829	1774908	16.60%	0.855%
18	6.422	733	737	745	rBV4	3737233	6314201	59.05%	3.041%
19	6.504	745	751	754	rVV2	3901886	5484327	51.29%	2.641%
20	6.533	754	756	758	rVV	1425083	1401636	13.11%	0.675%
21	6.557	758	760	763	rVV3	1763466	1984012	18.55%	0.956%
22	6.592	763	766	768	rVV	4029988	4014387	37.54%	1.933%
23	6.651	768	776	784	rVB6	4501712	10693087	100.00%	5.150%
24	6.722	784	788	790	rBV4	1559337	2406865	22.51%	1.159%
25	6.745	790	792	794	rVB	1679974	1387093	12.97%	0.668%
26	6.804	798	802	804	rVV2	955951	1558303	14.57%	0.751%
27	6.851	806	810	811	rVV2	1787162	2382326	22.28%	1.147%
28	6.898	811	818	821	rVV2	6026717	9143209	85.51%	4.404%
29	6.939	821	825	828	rVV2	1807069	2591962	24.24%	1.248%
30	6.998	828	835	838	rVV5	2189676	4765120	44.56%	2.295%
31	7.033	838	841	845	rVV3	4125953	6702630	62.68%	3.228%
32	7.063	845	846	848	rVV	1835997	1200549	11.23%	0.578%
33	7.110	852	854	856	rVV	1487043	1403603	13.13%	0.676%
34	7.157	856	862	865	rVV4	2869165	3664753	34.27%	1.765%

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35	7.186	865	867	871	rVV3	579084	742911	6.95%	0.358%
36	7.228	871	874	877	rVV3	868071	947105	8.86%	0.456%
37	7.280	877	883	885	rVV4	2279129	2851950	26.67%	1.374%
38	7.310	885	888	892	rVB4	1118864	1508158	14.10%	0.726%
39	7.357	893	896	900	rBV2	537072	872485	8.16%	0.420%
40	7.416	901	906	908	rVV3	1965091	3475633	32.50%	1.674%
41	7.445	908	911	914	rVV2	2730952	3678006	34.40%	1.771%
42	7.475	914	916	920	rVB2	1835184	1911593	17.88%	0.921%
43	7.527	920	925	928	rBV4	1802800	2960803	27.69%	1.426%
44	7.586	928	935	937	rBV3	1115058	2004892	18.75%	0.966%
45	7.633	940	943	944	rVV2	514685	540757	5.06%	0.260%
46	7.657	944	947	950	rVV3	1528524	1820355	17.02%	0.877%
47	7.692	950	953	955	rVB2	825491	785428	7.35%	0.378%
48	7.763	961	965	966	rBV3	599176	570501	5.34%	0.275%
49	7.780	966	968	970	rVV	1107379	952134	8.90%	0.459%
50	7.804	970	972	976	rVV3	1429127	1510967	14.13%	0.728%
51	7.833	976	977	981	rVB2	675368	766732	7.17%	0.369%
52	7.904	986	989	995	rBV4	883241	1156022	10.81%	0.557%
53	7.980	999	1002	1008	rVB6	520302	765115	7.16%	0.369%
54	8.039	1008	1012	1014	rBV2	564753	688346	6.44%	0.332%
55	8.145	1026	1030	1031	rVV	1988607	2073804	19.39%	0.999%
56	8.163	1031	1033	1035	rVV	2001241	1859590	17.39%	0.896%
57	8.186	1035	1037	1039	rVV2	885817	768553	7.19%	0.370%
58	8.222	1039	1043	1045	rVB2	2285384	2115898	19.79%	1.019%
59	8.251	1045	1048	1050	rBV2	571083	544804	5.09%	0.262%
60	8.369	1065	1068	1074	rVB3	557207	632502	5.92%	0.305%
61	8.451	1078	1082	1087	rVV5	984678	1275898	11.93%	0.615%
62	8.539	1094	1097	1101	rVB5	514951	671796	6.28%	0.324%
63	8.580	1101	1104	1106	rBV	1827291	1515785	14.18%	0.730%
64	8.751	1130	1133	1137	rBV	3078927	2445930	22.87%	1.178%
65	8.845	1146	1149	1152	rVB2	722616	848249	7.93%	0.409%
66	9.033	1179	1181	1185	rBV3	535149	800013	7.48%	0.385%
67	9.069	1185	1187	1191	rVB3	697610	828837	7.75%	0.399%
68	9.116	1191	1195	1198	rBV2	569548	643579	6.02%	0.310%
69	9.180	1204	1206	1211	rVB	1937833	1644883	15.38%	0.792%
70	9.239	1212	1216	1219	rBV	3733316	3215373	30.07%	1.549%
71	9.316	1225	1229	1234	rBV	3267096	3757390	35.14%	1.810%

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72	9.504	1258	1261	1264	rVB2	574629	735747	6.88%	0.354%
73	9.574	1270	1273	1275	rBV2	856123	712231	6.66%	0.343%
74	9.598	1275	1277	1280	rVB3	595593	592002	5.54%	0.285%
75	9.639	1280	1284	1286	rBV3	2474701	2879995	26.93%	1.387%
76	9.698	1291	1294	1296	rBV	638086	589617	5.51%	0.284%
77	9.851	1312	1320	1324	rBV	3626483	4024765	37.64%	1.938%
78	9.921	1329	1332	1334	rVV2	1575556	1463025	13.68%	0.705%
79	9.951	1335	1337	1340	rVV2	718893	589825	5.52%	0.284%
80	10.021	1346	1349	1354	rBV	621257	709522	6.64%	0.342%
81	10.074	1354	1358	1361	rBV4	595914	968626	9.06%	0.467%
82	10.121	1361	1366	1370	rVV4	926995	1689723	15.80%	0.814%
83	10.169	1370	1374	1378	rVV3	1169163	1716656	16.05%	0.827%
84	10.239	1383	1386	1388	rBV2	688417	699850	6.54%	0.337%
85	10.351	1398	1405	1407	rBV	3696598	3906843	36.54%	1.882%
86	10.468	1422	1425	1428	rBV3	597024	705142	6.59%	0.340%
87	10.568	1437	1442	1448	rBV	2472109	3153982	29.50%	1.519%
88	10.686	1460	1462	1464	rBV2	748763	662631	6.20%	0.319%
89	10.710	1464	1466	1469	rVB	1582050	1275219	11.93%	0.614%
90	10.839	1482	1488	1491	rBV2	3865052	6367190	59.54%	3.067%
91	11.274	1559	1562	1564	rBV	2683098	2280477	21.33%	1.098%
92	11.304	1564	1567	1573	rVB	2920485	3127896	29.25%	1.506%
93	11.410	1582	1585	1587	rBV	1251505	1311054	12.26%	0.631%
94	11.439	1587	1590	1595	rVV	2056736	2445447	22.87%	1.178%
95	11.486	1596	1598	1601	rVB	682693	582408	5.45%	0.281%
96	11.657	1625	1627	1630	rVB	1101482	933280	8.73%	0.449%
97	11.704	1632	1635	1638	rVB	2474456	2064772	19.31%	0.994%
98	12.115	1702	1705	1708	rBV	1841911	1633200	15.27%	0.787%
99	12.398	1751	1753	1759	rVB2	1083914	1152755	10.78%	0.555%
100	12.504	1769	1771	1774	rBV	1134257	1067584	9.98%	0.514%

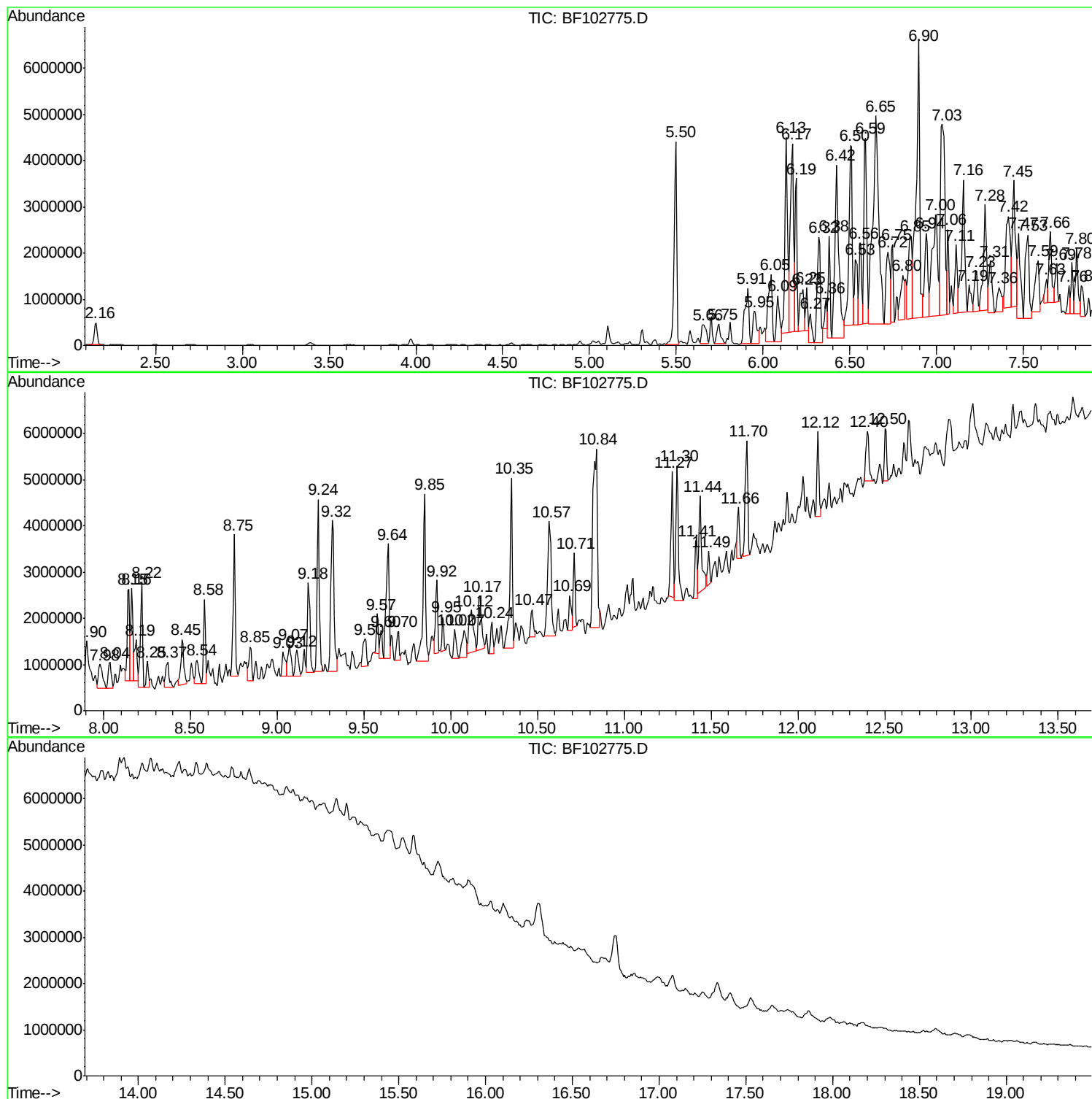
Sum of corrected areas: 207628260

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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



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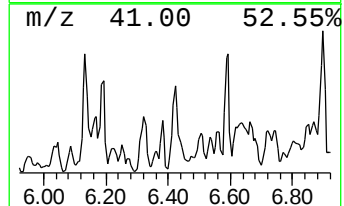
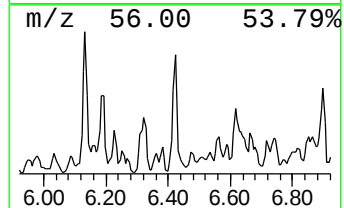
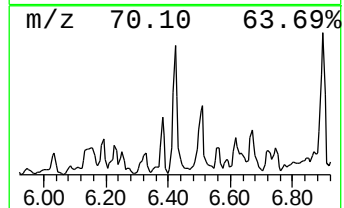
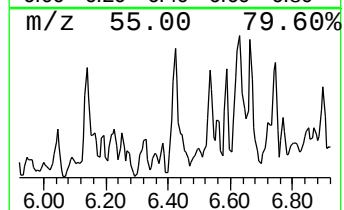
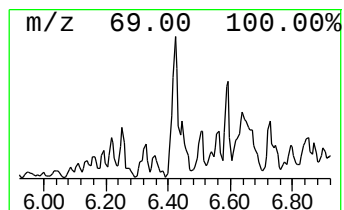
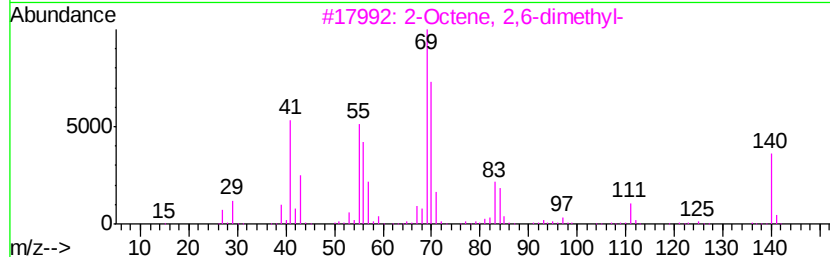
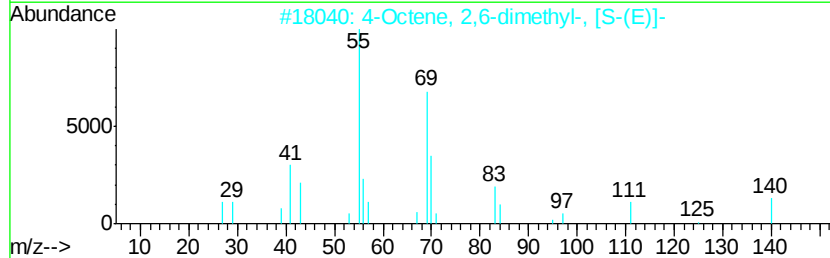
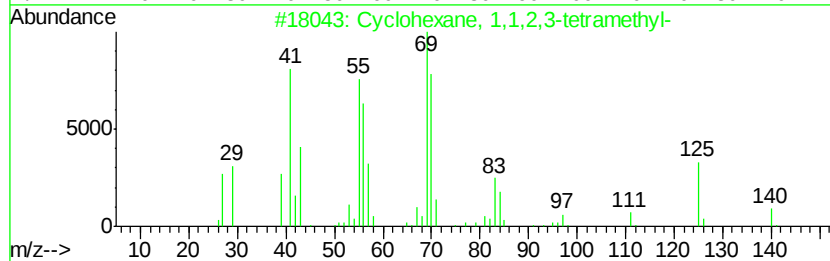
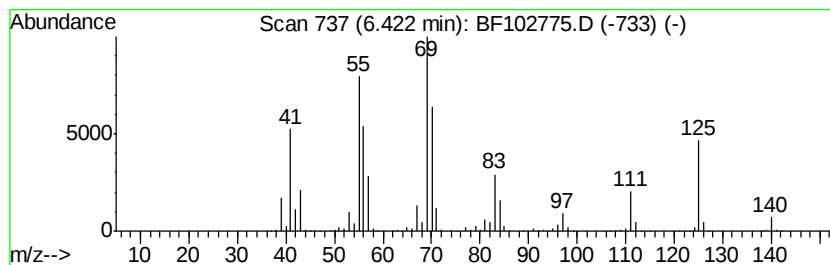
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	13.81 ng	6314200	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	93
2		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	76
3		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	53
4		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46
5		3-Ethyl-4-octene	140	C10H20	019781-32-9	43



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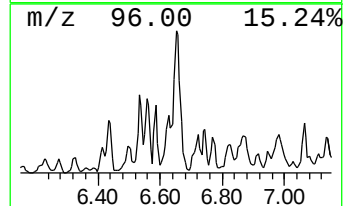
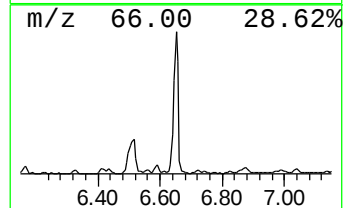
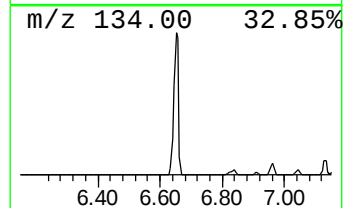
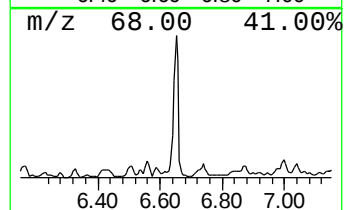
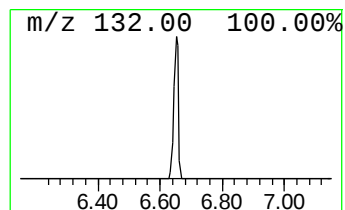
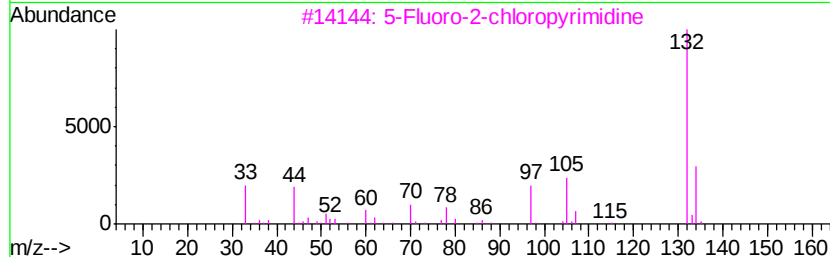
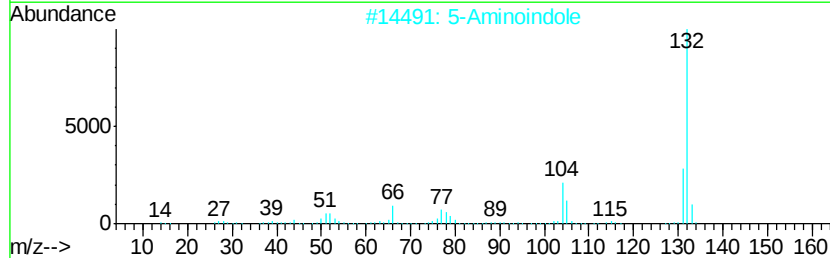
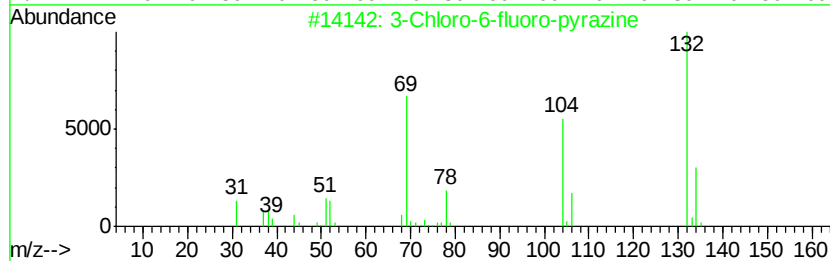
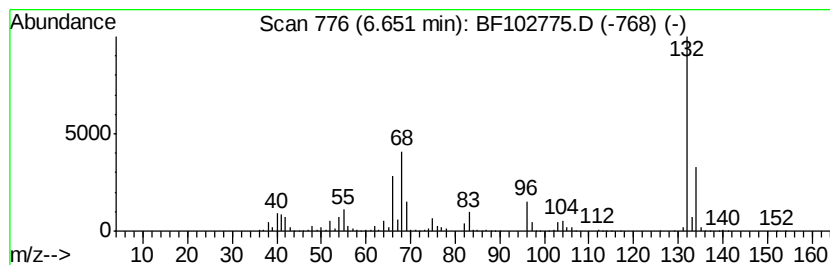
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Peak Number 2 unknown6.65 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.65	23.39 ng	10693100	1,4-Dichlorobenzene-d4	6.88	
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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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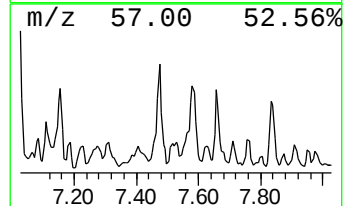
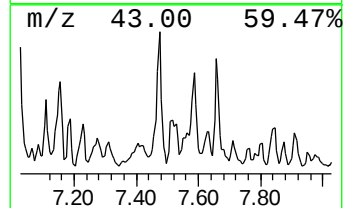
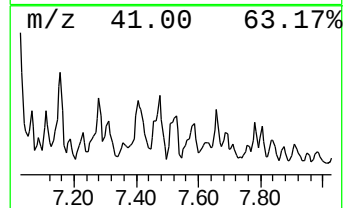
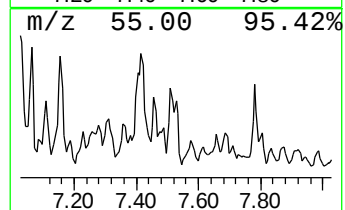
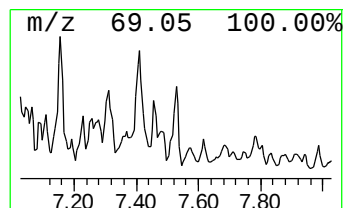
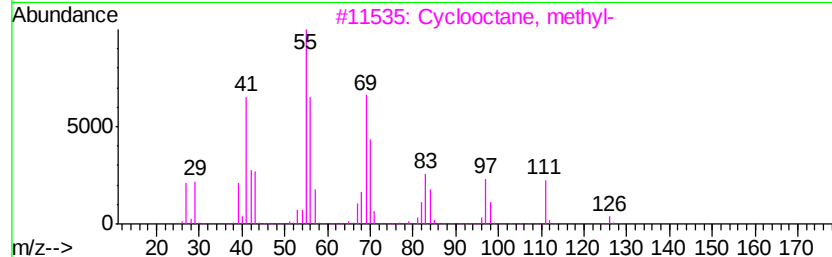
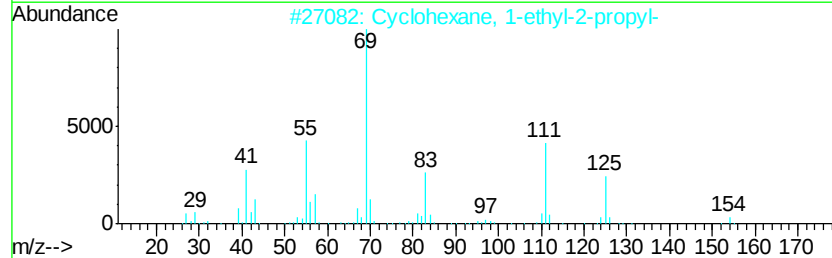
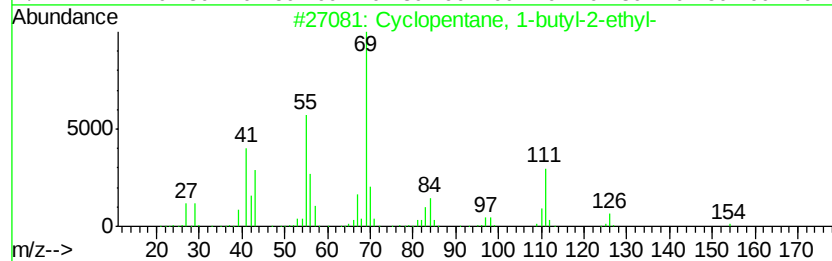
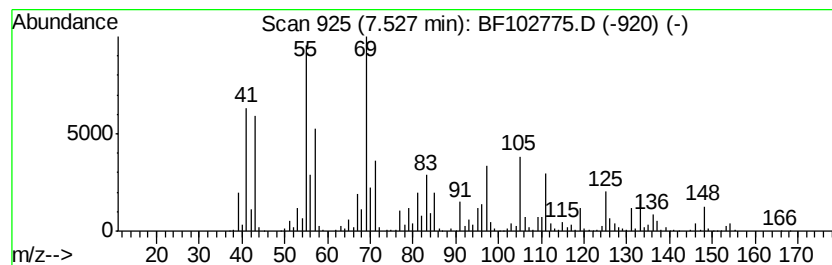
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclopentane, 1-butyl-2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	31.84 ng	2960800	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	50
2		Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	46
3		Cyclooctane, methyl-	126	C9H18	001502-38-1	43
4		5-Hexen-2-one, 5-methyl-	112	C7H12O	003240-09-3	38
5		5-Methyl-(E)-2-hepten-4-one	126	C8H14O	102322-83-8	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102775.D
Acq On : 6 Feb 2018 11:15
Operator : SJ/JU
Sample : J1454-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
8-SAN-9-EW(1-4)

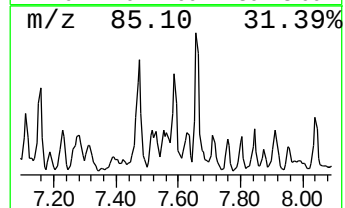
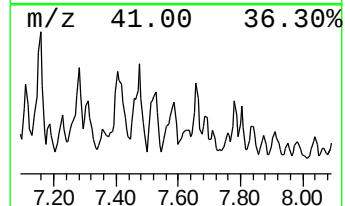
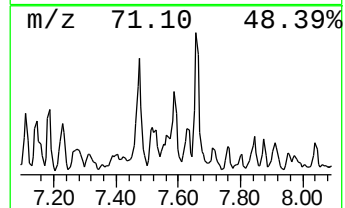
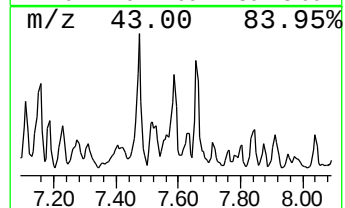
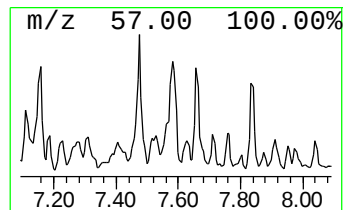
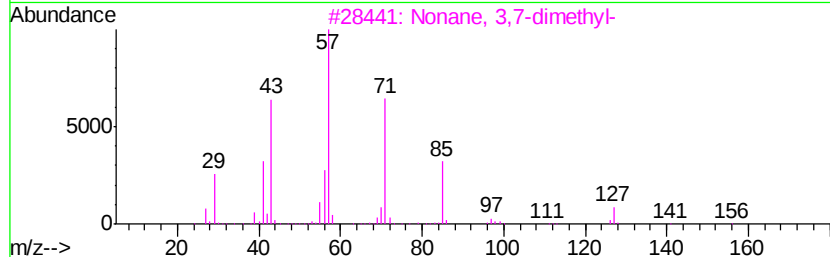
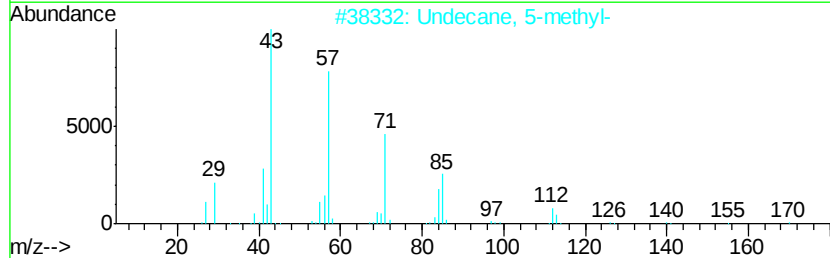
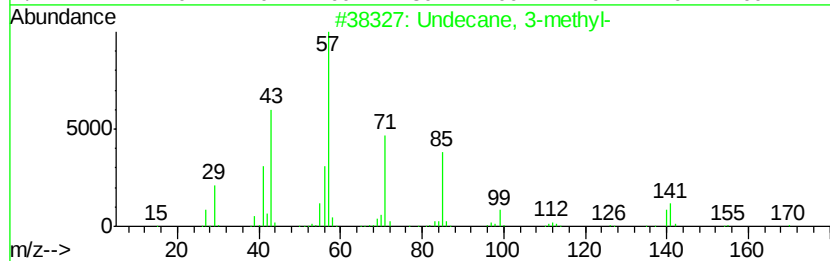
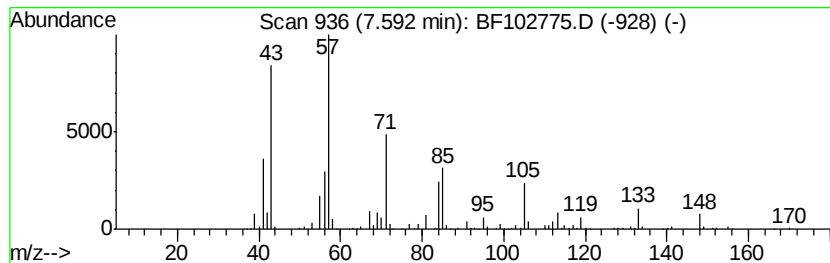
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	21.56 ng	2004890	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3-methyl-	170	C12H26	001002-43-3	58
2		Undecane, 5-methyl-	170	C12H26	001632-70-8	53
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	49
4		1-Iodoundecane	282	C11H23I	004282-44-4	47
5		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102775.D
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Instrument :
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ClientSampleId :
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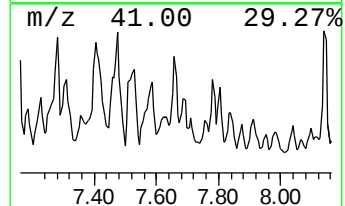
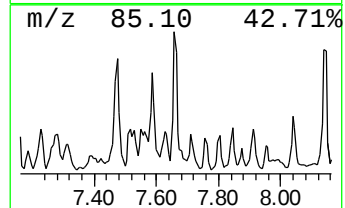
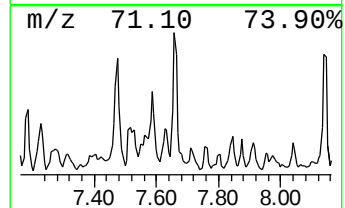
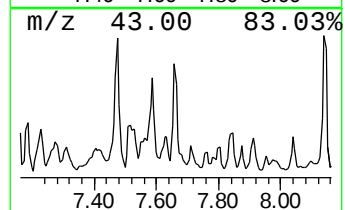
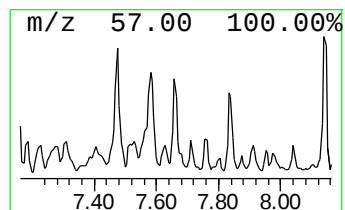
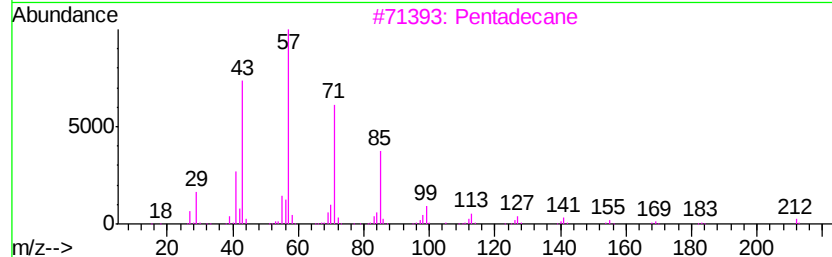
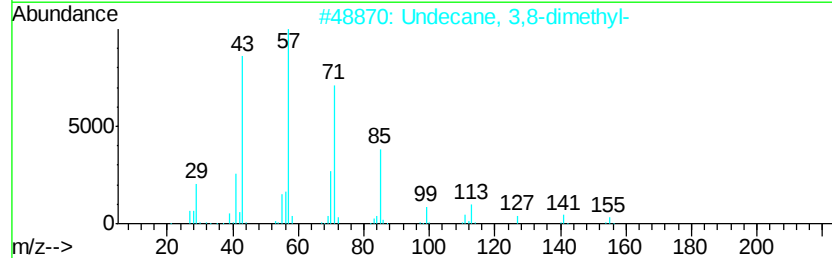
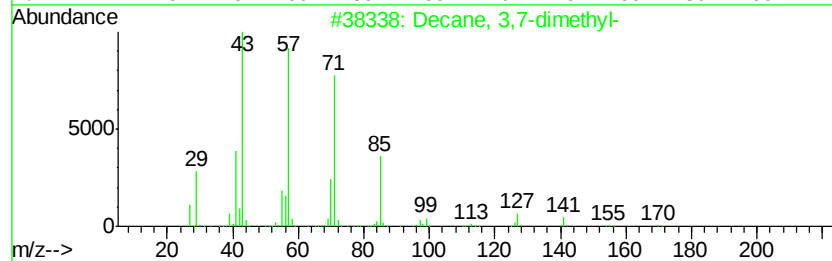
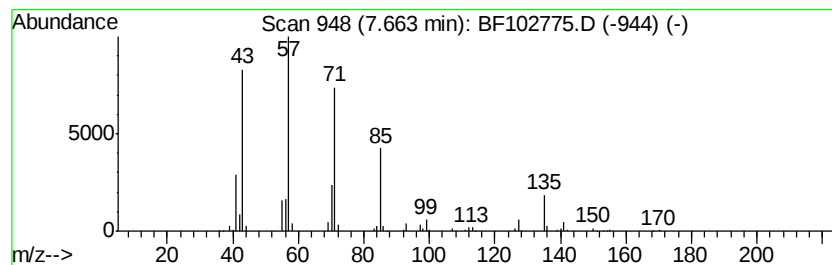
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 3,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	19.58 ng	1820360	Naphthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	95
2			Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	64
3			Pentadecane	212	C15H32	000629-62-9	59
4			Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	53
5			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102775.D
Acq On : 6 Feb 2018 11:15
Operator : SJ/JU
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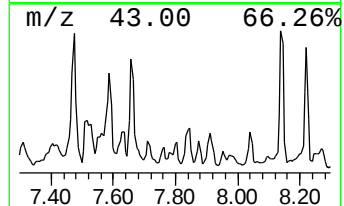
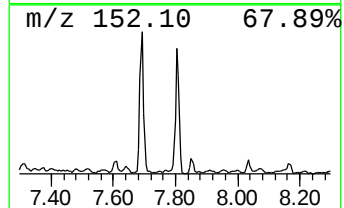
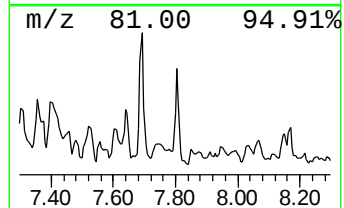
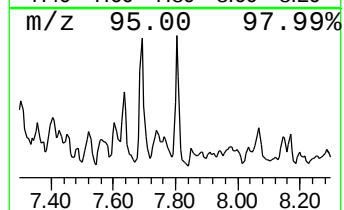
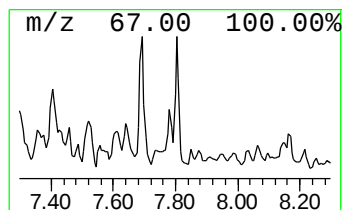
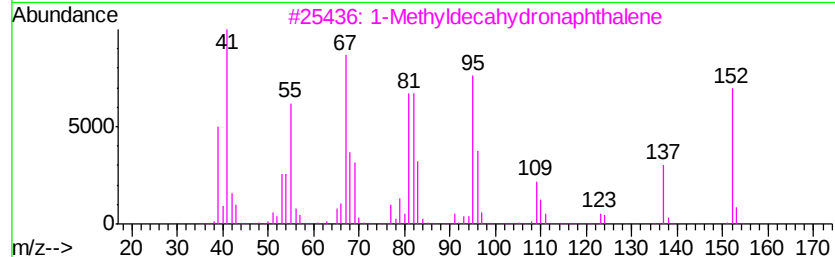
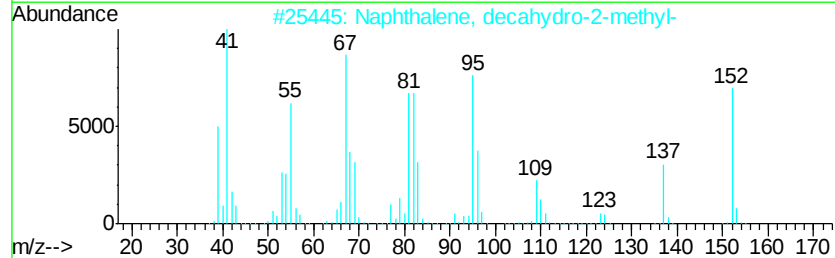
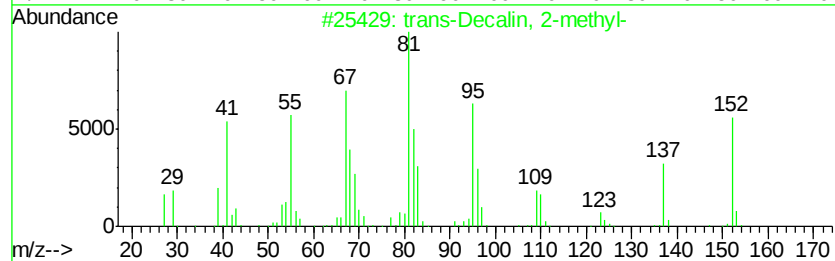
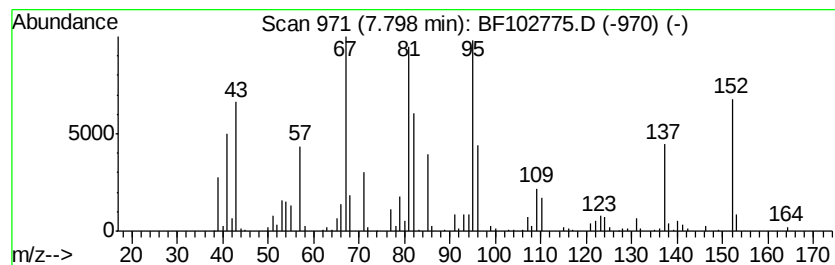
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 trans-Decalin, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	16.25 ng	1510970	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86
3		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	86
4		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	72
5		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
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8-SAN-9-EW(1-4)

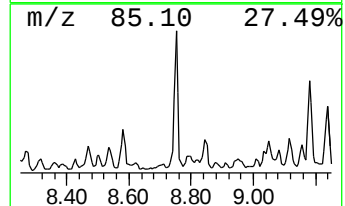
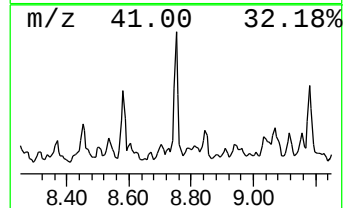
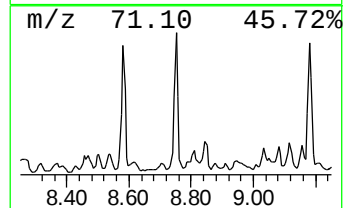
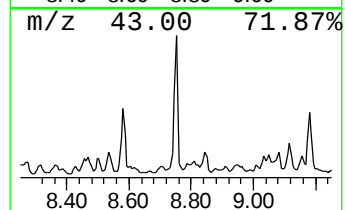
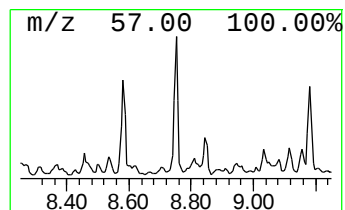
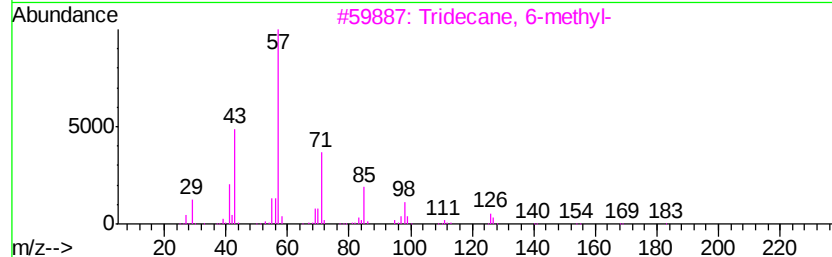
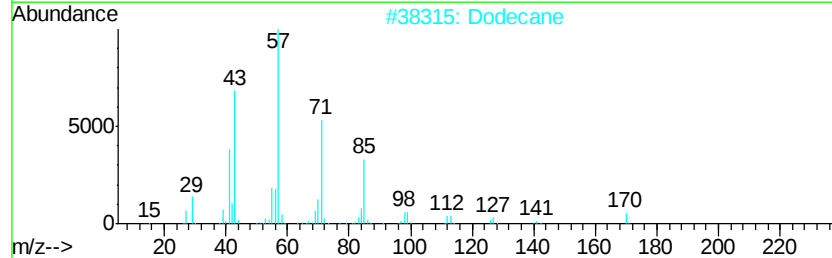
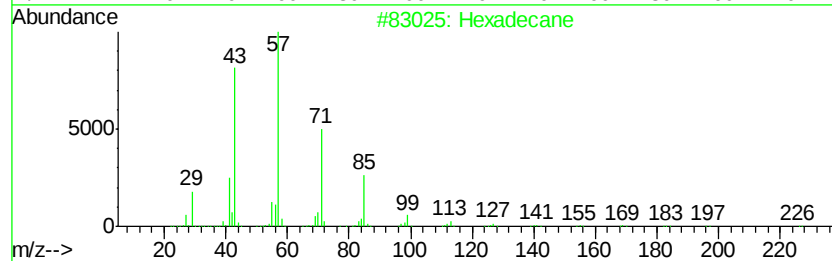
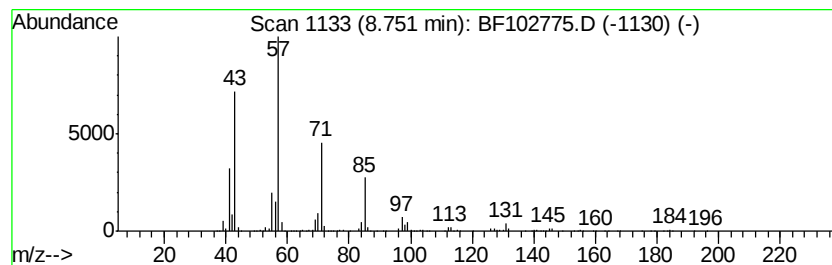
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	26.31 ng	2445930	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	86
2		Dodecane	170	C12H26	000112-40-3	86
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	78
4		Tetradecane	198	C14H30	000629-59-4	78
5		Undecane	156	C11H24	001120-21-4	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102775.D
Acq On : 6 Feb 2018 11:15
Operator : SJ/JU
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Instrument :
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8-SAN-9-EW(1-4)

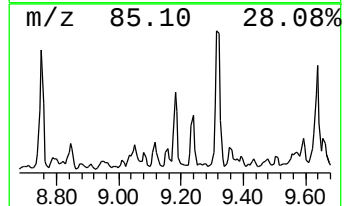
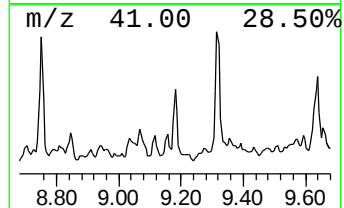
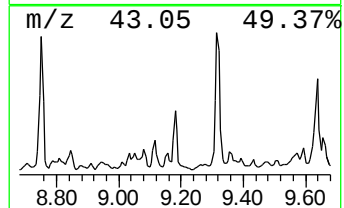
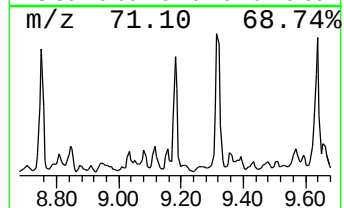
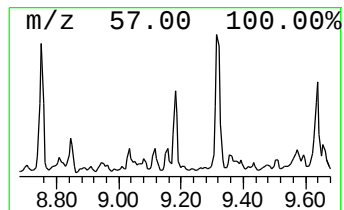
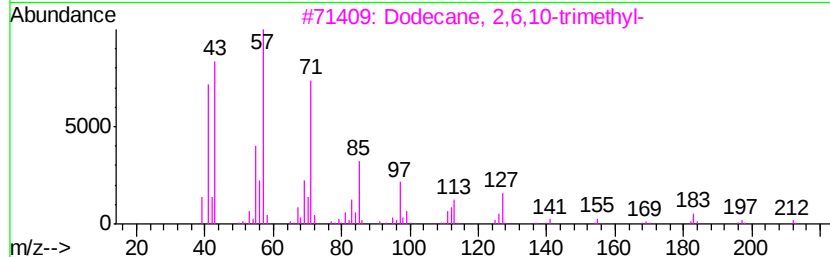
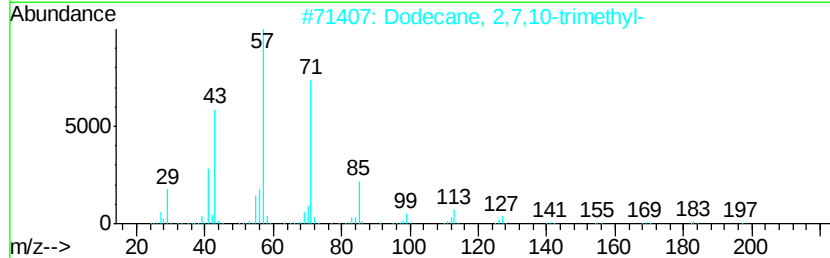
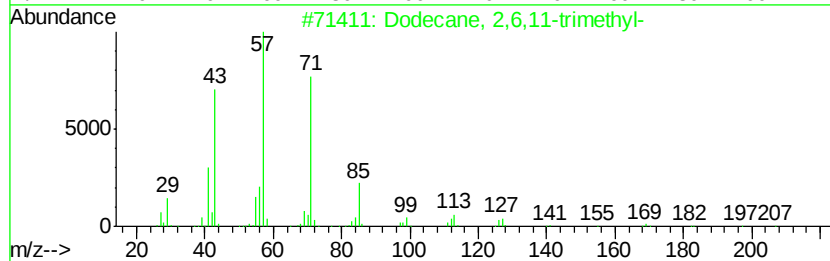
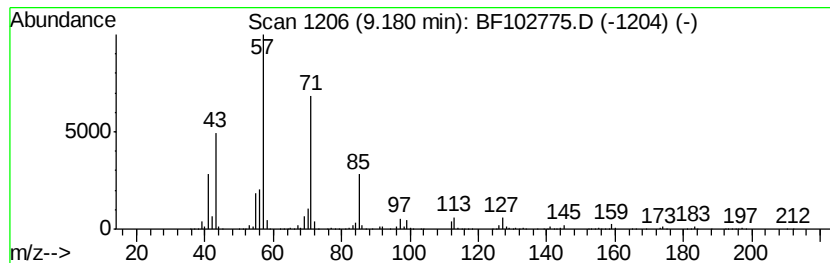
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 2,6,11-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	22.49 ng	1644880	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
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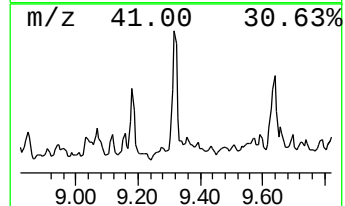
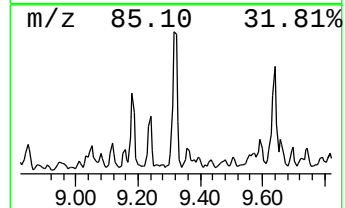
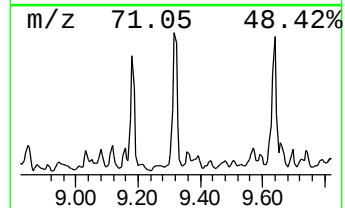
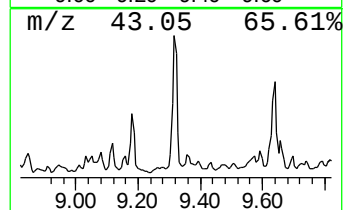
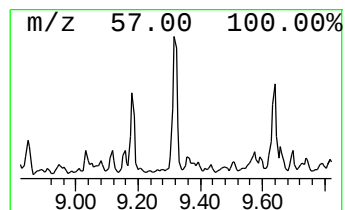
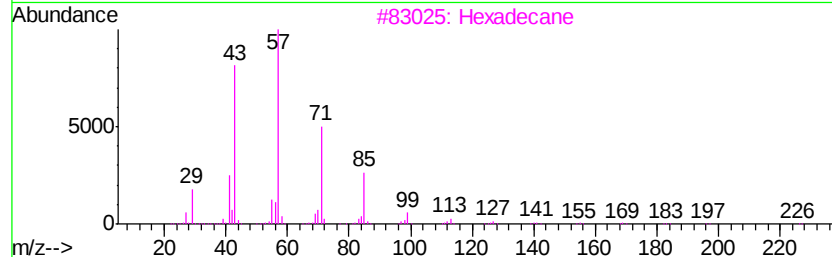
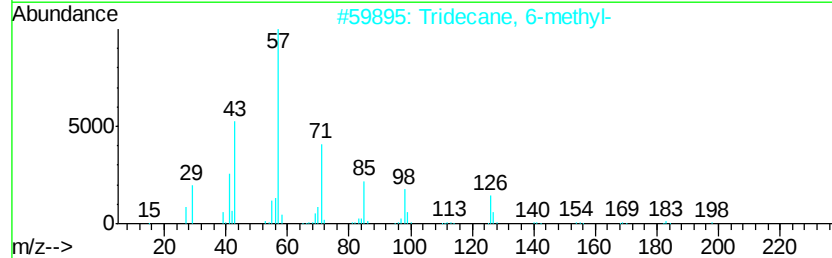
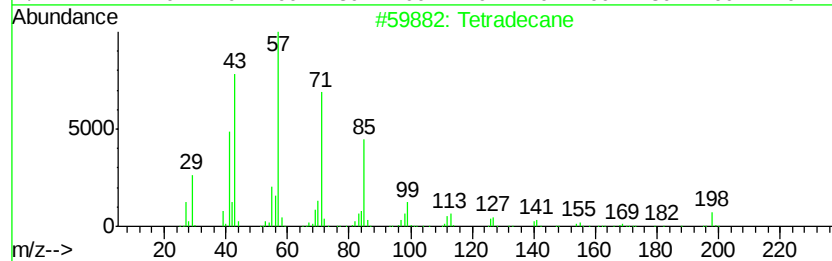
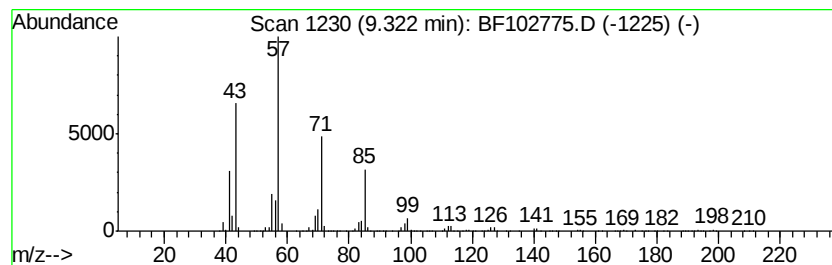
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	51.36 ng	3757390	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 95
2		Tridecane, 6-methyl-	198 C14H30	013287-21-3 90
3		Hexadecane	226 C16H34	000544-76-3 90
4		Dodecane	170 C12H26	000112-40-3 86
5		Pentadecane	212 C15H32	000629-62-9 83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
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ALS Vial : 5 Sample Multiplier: 1

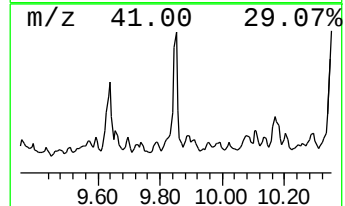
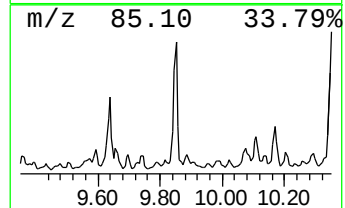
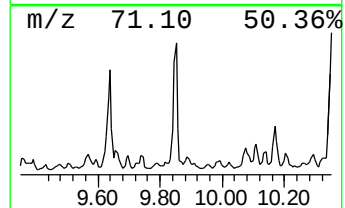
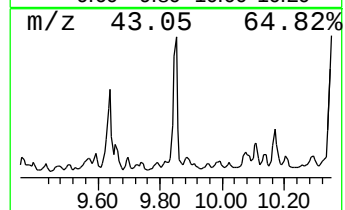
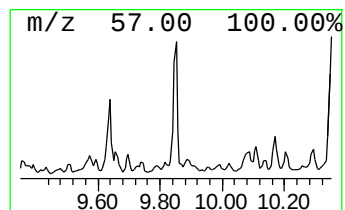
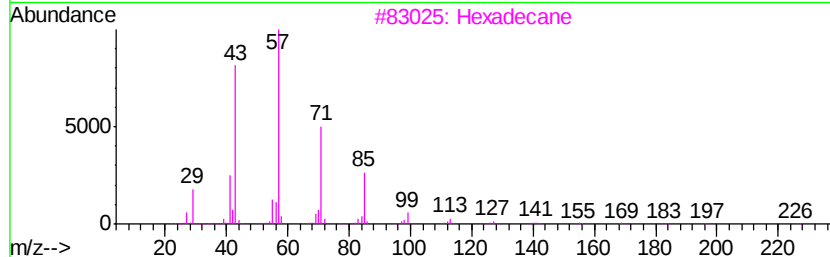
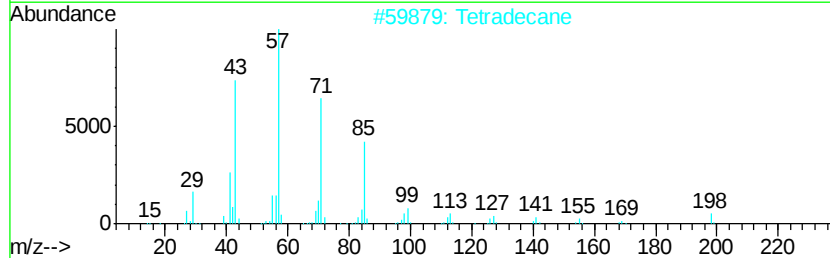
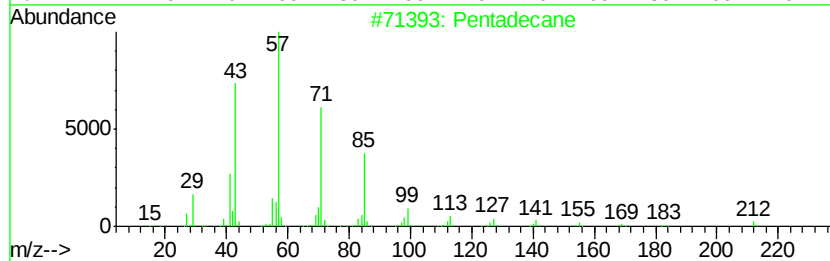
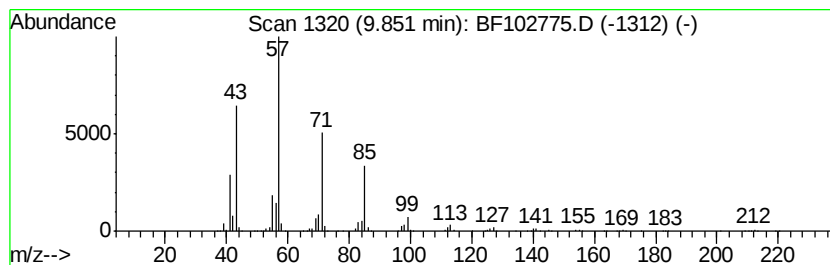
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ClientSampleId :
8-SAN-9-EW(1-4)

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 12 Pentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	55.02 ng	4024770	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	91
2	Tetradecane	198 C14H30	000629-59-4	90
3	Hexadecane	226 C16H34	000544-76-3	87
4	Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2	80
5	Eicosane	282 C20H42	000112-95-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102775.D
Acq On : 6 Feb 2018 11:15
Operator : SJ/JU
Sample : J1454-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-9-EW(1-4)

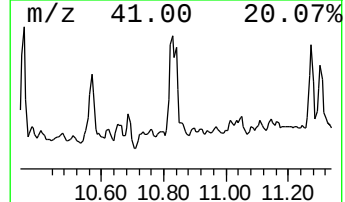
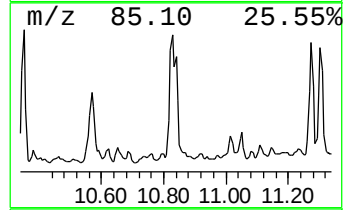
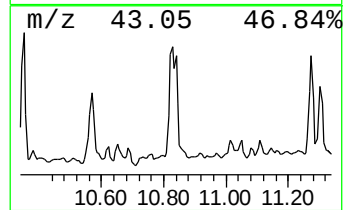
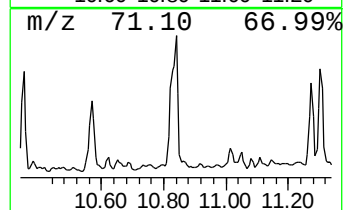
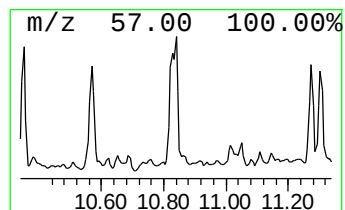
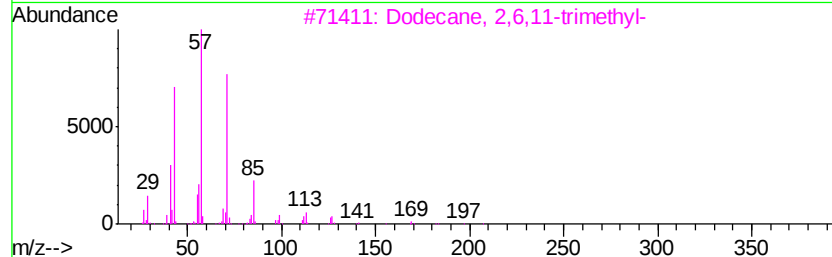
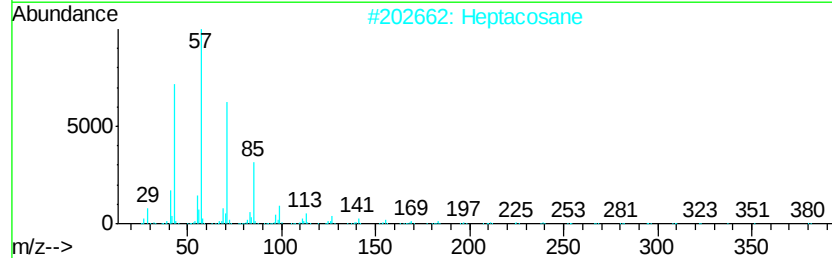
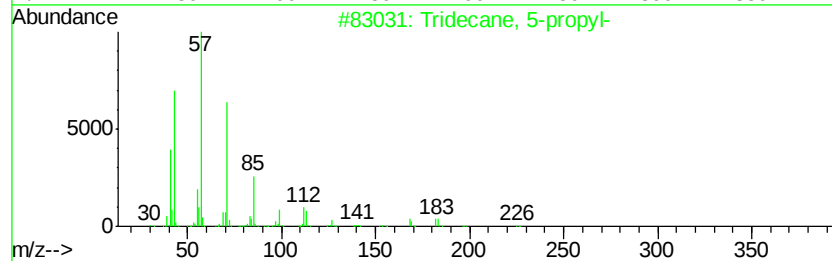
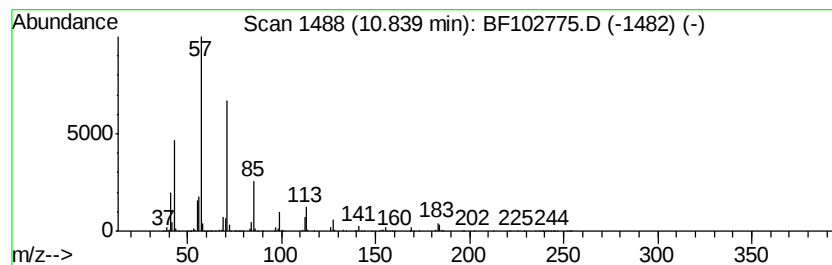
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	97.13 ng	6367190	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2		Heptacosane	380	C27H56	000593-49-7	72
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	60
5		Hexadecane	226	C16H34	000544-76-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102775.D
Acq On : 6 Feb 2018 11:15
Operator : SJ/JU
Sample : J1454-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-9-EW(1-4)

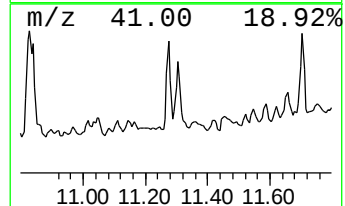
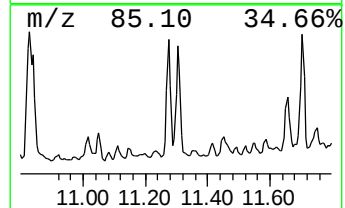
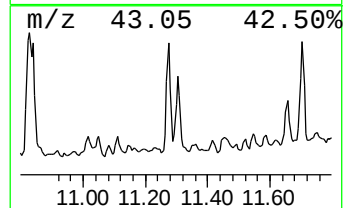
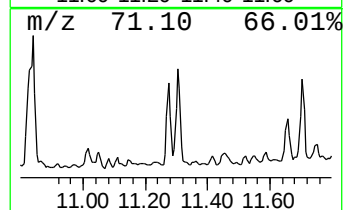
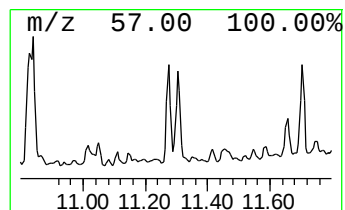
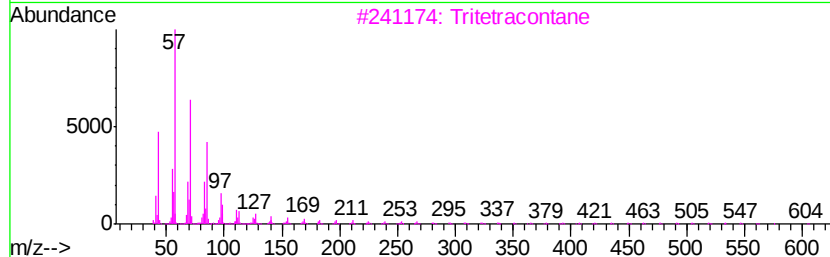
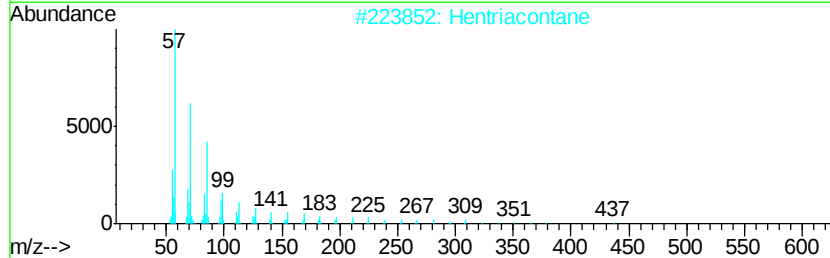
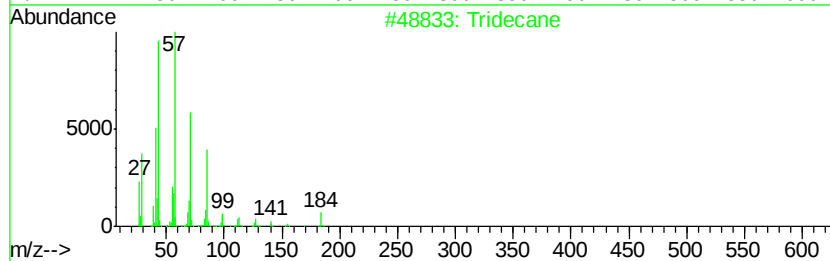
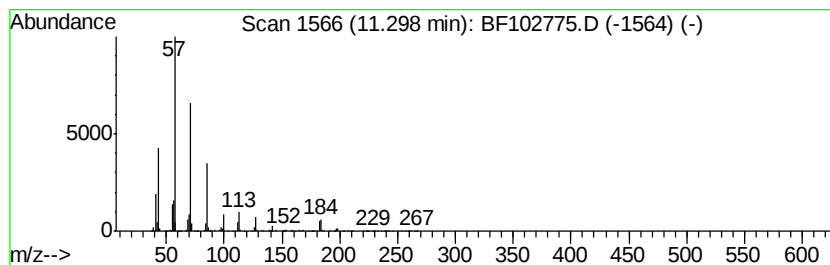
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	47.72 ng	3127900	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	80
2		Hentriacontane	437	C31H64	000630-04-6	78
3		Tritetracontane	605	C43H88	007098-21-7	72
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
5		Octacosane	394	C28H58	000630-02-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102775.D
Acq On : 6 Feb 2018 11:15
Operator : SJ/JU
Sample : J1454-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-9-EW(1-4)

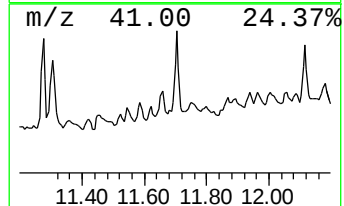
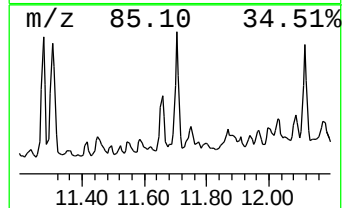
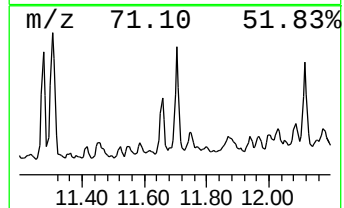
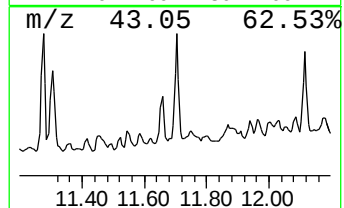
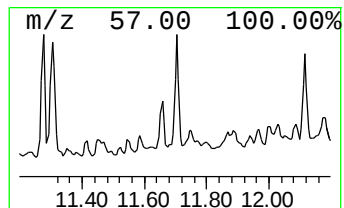
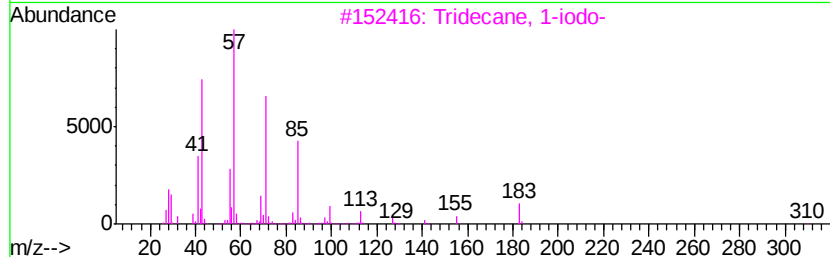
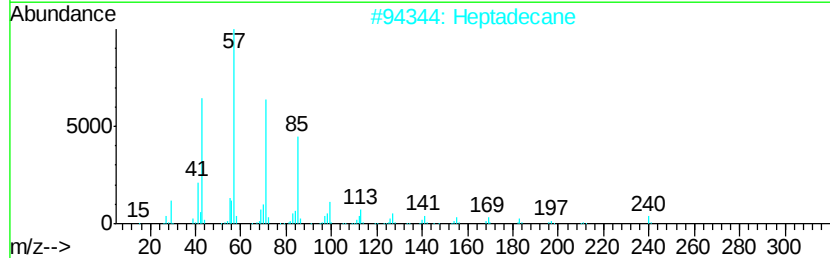
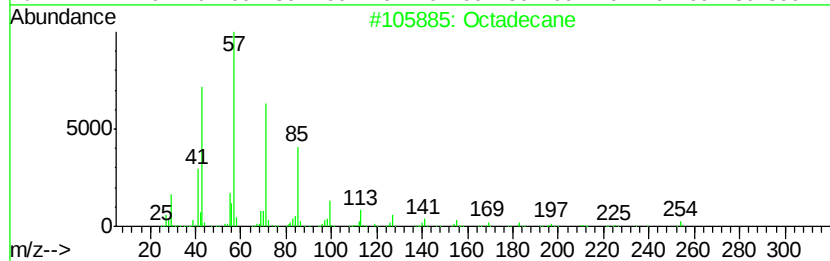
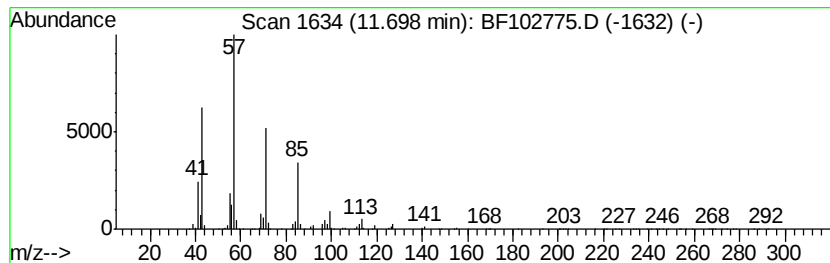
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	31.50 ng	2064770	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	90
2		Heptadecane	240	C17H36	000629-78-7	90
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	78
5		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102775.D
Acq On : 6 Feb 2018 11:15
Operator : SJ/JU
Sample : J1454-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-9-EW(1-4)

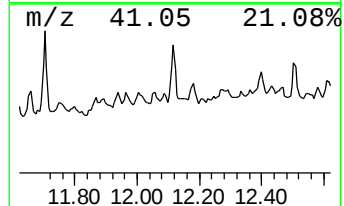
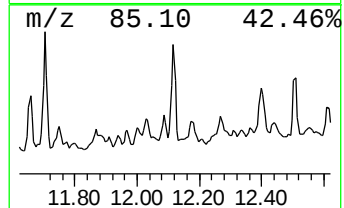
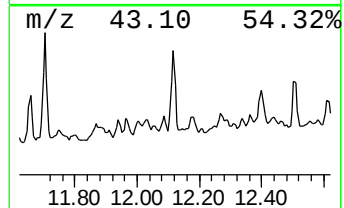
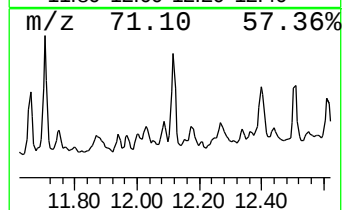
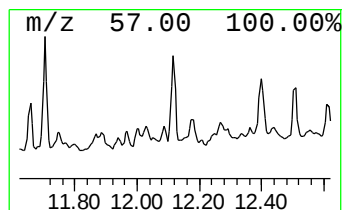
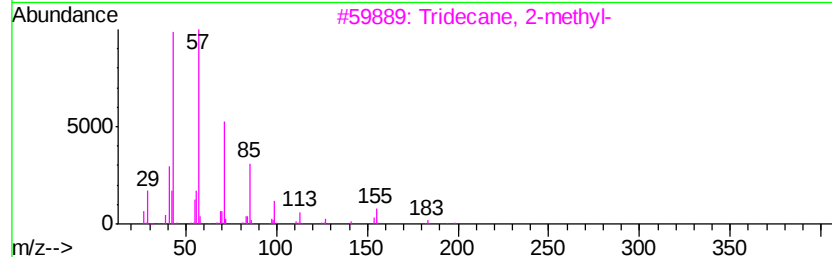
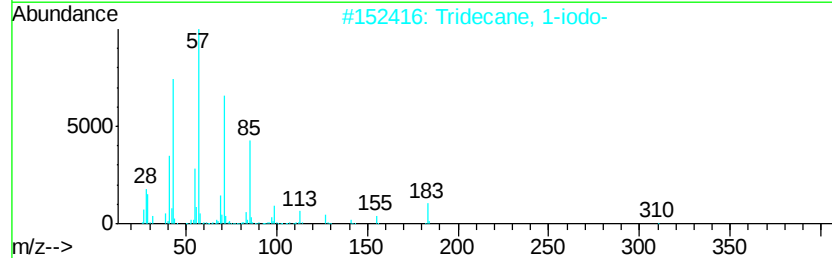
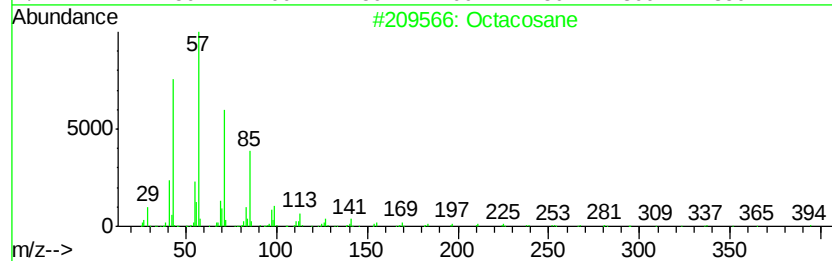
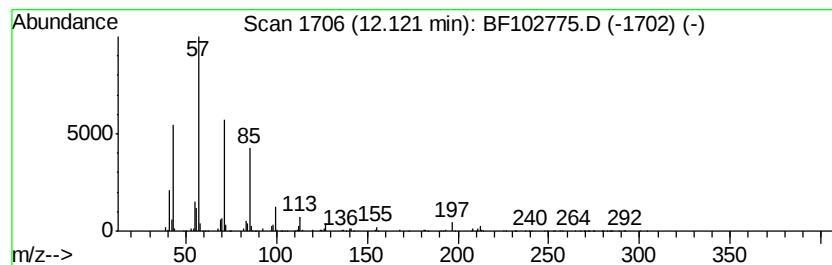
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	24.91 ng	1633200	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
4		Tridecane, 4-methyl-	198	C14H30	026730-12-1	58
5		Pentadecane	212	C15H32	000629-62-9	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
 Data File : BF102775.D
 Acq On : 6 Feb 2018 11:15
 Operator : SJ/JU
 Sample : J1454-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-9-EW(1-4)

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
Cyclohexane, 1,1,...	6.42	13.8	ng	6314200	1	6.88	9143210	20.0
unknown6.65	6.65	23.4	ng	10693100	1	6.88	9143210	20.0
Cyclopentane, 1-b...	7.53	31.8	ng	2960800	2	8.16	1859590	20.0
Undecane, 3-methyl-	7.59	21.6	ng	2004890	2	8.16	1859590	20.0
Decane, 3,7-dimet...	7.66	19.6	ng	1820360	2	8.16	1859590	20.0
trans-Decalin, 2-...	7.80	16.3	ng	1510970	2	8.16	1859590	20.0
Hexadecane	8.75	26.3	ng	2445930	2	8.16	1859590	20.0
Dodecane, 2,6,11-...	9.18	22.5	ng	1644880	3	9.92	1463030	20.0
Tetradecane	9.32	51.4	ng	3757390	3	9.92	1463030	20.0
Pentadecane	9.85	55.0	ng	4024770	3	9.92	1463030	20.0
Tridecane, 5-propyl-	10.84	97.1	ng	6367190	4	11.41	1311050	20.0
Tridecane	11.30	47.7	ng	3127900	4	11.41	1311050	20.0
Octadecane	11.70	31.5	ng	2064770	4	11.41	1311050	20.0
Octacosane	12.12	24.9	ng	1633200	4	11.41	1311050	20.0