

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096185.D
 Acq On : 24 Jun 2017 12:22
 Operator : SJ/MA
 Sample : I3872-01 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-062217-A

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-BF060517.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	1.546	7	10	31	rBV	144088	278263	15.42%	0.838%
2	5.539	683	689	696	rVB	90271	132552	7.34%	0.399%
3	6.092	779	783	790	rVB2	92089	142328	7.89%	0.428%
4	6.175	790	797	802	rBV3	59381	107869	5.98%	0.325%
5	6.404	828	836	842	rVB3	51494	89039	4.93%	0.268%
6	6.481	842	849	852	rBV5	51029	112569	6.24%	0.339%
7	6.516	852	855	859	rVV	116877	137688	7.63%	0.414%
8	6.563	859	863	873	rVB	125013	196581	10.89%	0.592%
9	6.657	873	879	883	rBV2	124493	234411	12.99%	0.706%
10	6.763	893	897	904	rVB	80890	123789	6.86%	0.373%
11	6.851	906	912	915	rBV3	86586	140369	7.78%	0.423%
12	7.069	944	949	955	rVB	578331	787219	43.62%	2.370%
13	7.204	962	972	976	rBV7	43664	113266	6.28%	0.341%
14	7.263	979	982	987	rBV	284045	382904	21.22%	1.153%
15	7.357	992	998	1002	rVB2	324684	426198	23.61%	1.283%
16	7.410	1002	1007	1014	rBV6	76335	139256	7.72%	0.419%
17	7.510	1019	1024	1031	rBV6	194921	457563	25.35%	1.377%
18	7.663	1046	1050	1053	rBV2	67695	85513	4.74%	0.257%
19	7.739	1060	1063	1068	rVB	111262	160588	8.90%	0.483%
20	7.792	1068	1072	1074	rBV2	152596	221988	12.30%	0.668%
21	7.833	1077	1079	1085	rVB3	201164	277725	15.39%	0.836%
22	7.892	1085	1089	1091	rBV	182658	244779	13.56%	0.737%
23	7.963	1097	1101	1108	rVB	209740	283303	15.70%	0.853%
24	8.045	1111	1115	1117	rBV3	88818	114835	6.36%	0.346%
25	8.080	1117	1121	1127	rVB2	76911	112682	6.24%	0.339%
26	8.151	1128	1133	1138	rVV3	178251	296560	16.43%	0.893%
27	8.216	1140	1144	1150	rVV4	88790	137458	7.62%	0.414%
28	8.316	1154	1161	1169	rBV	948040	1347339	74.65%	4.056%
29	8.380	1169	1172	1178	rVB5	91449	156020	8.64%	0.470%
30	8.439	1178	1182	1185	rBV4	76520	115454	6.40%	0.348%
31	8.527	1194	1197	1201	rVB	215168	242391	13.43%	0.730%
32	8.569	1201	1204	1207	rVV	149239	166634	9.23%	0.502%
33	8.604	1207	1210	1213	rVB2	122177	120085	6.65%	0.362%
34	8.704	1221	1227	1229	rBV4	125363	227962	12.63%	0.686%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.733	1229	1232	1235	rVB2	101066	112683	6.24%	0.339%
36	8.775	1235	1239	1242	rBV4	112298	187407	10.38%	0.564%
37	8.922	1255	1264	1267	rBV7	423906	933569	51.73%	2.810%
38	8.963	1267	1271	1274	rVV2	234007	355197	19.68%	1.069%
39	8.998	1274	1277	1278	rVV2	183396	224913	12.46%	0.677%
40	9.022	1278	1281	1283	rVV	311021	403407	22.35%	1.214%
41	9.051	1283	1286	1288	rVV2	238341	342695	18.99%	1.032%
42	9.086	1290	1292	1296	rVB	284744	306284	16.97%	0.922%
43	9.157	1301	1304	1310	rVB	122573	171591	9.51%	0.517%
44	9.216	1310	1314	1319	rBV4	101334	149847	8.30%	0.451%
45	9.298	1319	1328	1337	rBV2	544205	1345450	74.55%	4.050%
46	9.404	1340	1346	1353	rVB	1206609	1612112	89.32%	4.853%
47	9.527	1362	1367	1371	rVB	489354	665022	36.85%	2.002%
48	9.569	1371	1374	1377	rBV2	88528	123184	6.83%	0.371%
49	9.604	1377	1380	1383	rBV3	71679	89950	4.98%	0.271%
50	9.663	1387	1390	1395	rVB4	177176	266392	14.76%	0.802%
51	9.786	1406	1411	1416	rVB4	145675	300701	16.66%	0.905%
52	9.839	1416	1420	1428	rBV6	205264	440296	24.40%	1.325%
53	9.916	1429	1433	1434	rBV	189849	216434	11.99%	0.652%
54	9.933	1434	1436	1442	rVB5	168449	244835	13.57%	0.737%
55	9.980	1442	1444	1447	rVB	191007	203354	11.27%	0.612%
56	10.039	1447	1454	1458	rBV4	358700	478671	26.52%	1.441%
57	10.110	1458	1466	1469	rBV2	553890	1111774	61.60%	3.347%
58	10.216	1479	1484	1486	rBV3	65773	119189	6.60%	0.359%
59	10.304	1496	1499	1501	rBV3	84175	109755	6.08%	0.330%
60	10.392	1506	1514	1519	rVB2	1176717	1804801	100.00%	5.433%
61	10.469	1521	1527	1528	rBV3	106025	167908	9.30%	0.505%
62	10.539	1535	1539	1544	rVB3	239854	366972	20.33%	1.105%
63	10.621	1550	1553	1555	rVV4	131553	202863	11.24%	0.611%
64	10.663	1557	1560	1564	rVV2	268455	415967	23.05%	1.252%
65	10.704	1564	1567	1570	rVV2	165548	241761	13.40%	0.728%
66	10.733	1570	1572	1575	rVV2	96739	113247	6.27%	0.341%
67	10.763	1575	1577	1582	rVV6	63863	126834	7.03%	0.382%
68	10.810	1582	1585	1587	rVV3	98843	129083	7.15%	0.389%
69	10.845	1587	1591	1594	rVV2	403959	581885	32.24%	1.752%
70	10.880	1594	1597	1601	rVV4	233008	369702	20.48%	1.113%
71	10.921	1601	1604	1609	rVV3	221849	323639	17.93%	0.974%

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72	10.980	1610	1614	1617	rVV	294656	415929	23.05%	1.252%
73	11.010	1617	1619	1622	rVV2	160295	237883	13.18%	0.716%
74	11.045	1622	1625	1628	rVV2	276623	396172	21.95%	1.193%
75	11.080	1628	1631	1635	rVV2	522129	630784	34.95%	1.899%
76	11.121	1635	1638	1644	rVB5	87236	138619	7.68%	0.417%
77	11.310	1663	1670	1677	rVB	1072013	1459869	80.89%	4.395%
78	11.374	1677	1681	1686	rBV4	117279	184955	10.25%	0.557%
79	11.427	1687	1690	1694	rVB5	86770	113727	6.30%	0.342%
80	11.486	1697	1700	1707	rBV7	93764	171466	9.50%	0.516%
81	11.721	1732	1740	1743	rBV4	158307	349097	19.34%	1.051%
82	11.768	1743	1748	1751	rVV4	179729	353891	19.61%	1.065%
83	11.821	1751	1757	1761	rVV2	350299	633114	35.08%	1.906%
84	11.857	1761	1763	1768	rVV2	178547	214669	11.89%	0.646%
85	11.916	1769	1773	1778	rVV3	158342	240574	13.33%	0.724%
86	11.980	1778	1784	1791	rVB7	94948	243250	13.48%	0.732%
87	12.116	1803	1807	1811	rBV2	394311	538072	29.81%	1.620%
88	12.168	1811	1816	1820	rVB	490584	635537	35.21%	1.913%
89	12.539	1875	1879	1884	rBV6	43299	98085	5.43%	0.295%
90	12.680	1898	1903	1907	rVV3	86095	125594	6.96%	0.378%
91	12.974	1949	1953	1958	rVV	238710	270338	14.98%	0.814%
92	13.327	2007	2013	2018	rBV	56475	104275	5.78%	0.314%
93	13.745	2079	2084	2093	rVB	127784	232953	12.91%	0.701%
94	14.474	2203	2208	2210	rBV	84371	99499	5.51%	0.300%
95	14.509	2210	2214	2227	rVB	351868	519974	28.81%	1.565%
96	16.321	2519	2522	2526	rVB	94537	106417	5.90%	0.320%
97	16.898	2616	2620	2625	rVB	129451	147704	8.18%	0.445%
98	18.174	2831	2837	2841	rBV	56780	91500	5.07%	0.275%
99	18.250	2846	2850	2857	rBV	345762	443156	24.55%	1.334%
100	19.927	3132	3135	3140	rBV	265941	348541	19.31%	1.049%

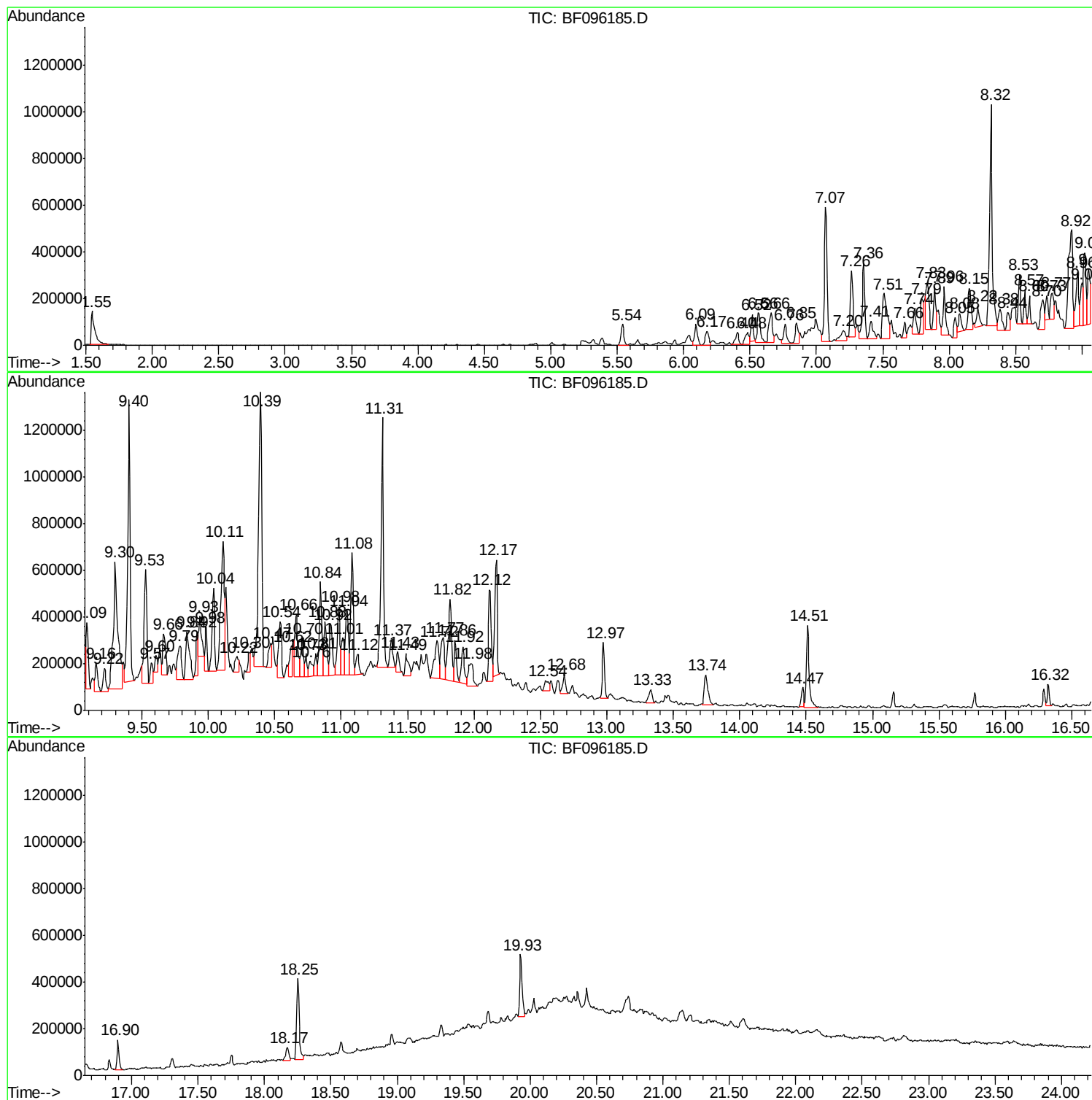
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Instrument :
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ClientSampled :
HR-05-062217-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.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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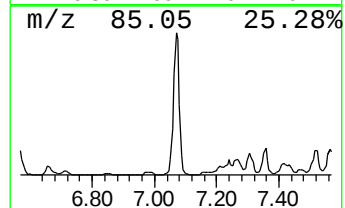
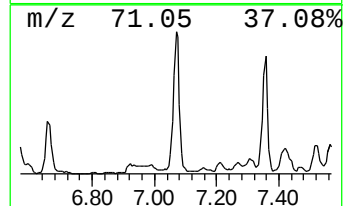
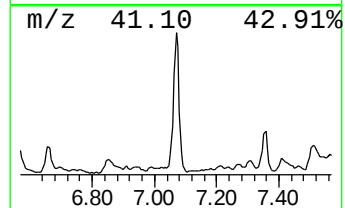
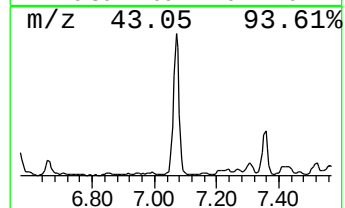
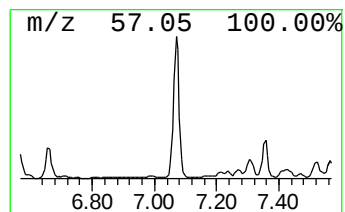
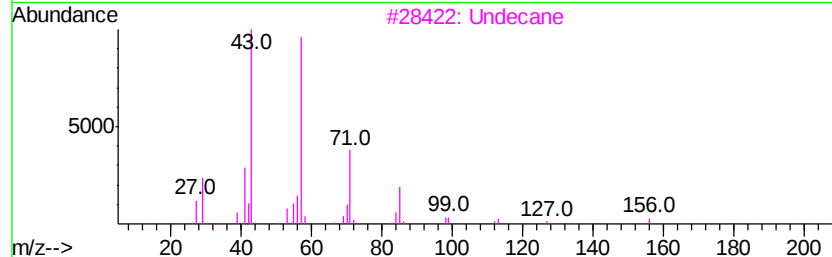
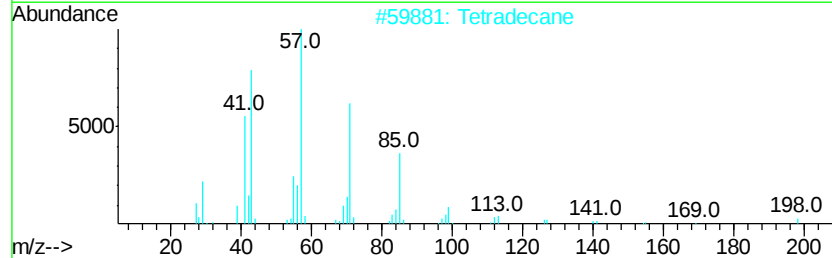
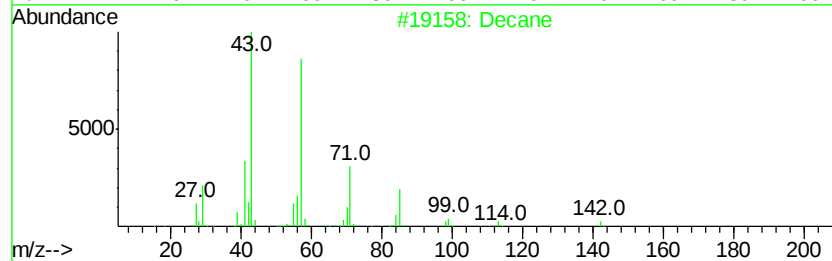
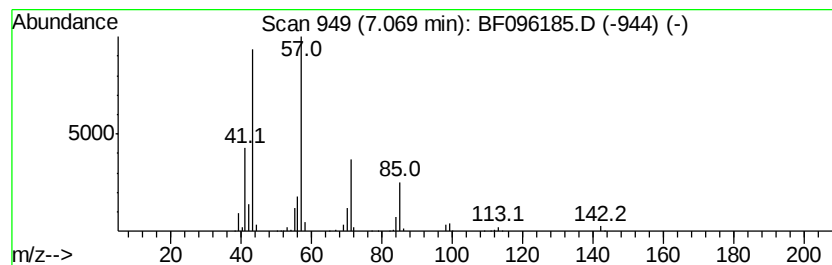
Instrument :
BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	41.12 ng	787219	1,4-Dichlorobenzene-d4	7.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane		142 C10H22	000124-18-5 95
2	Tetradecane		198 C14H30	000629-59-4 90
3	Undecane		156 C11H24	001120-21-4 83
4	Nonane		128 C9H20	000111-84-2 83
5	Undecane, 4,7-dimethyl-		184 C13H28	017301-32-5 64



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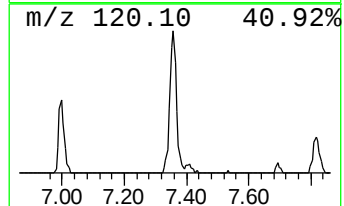
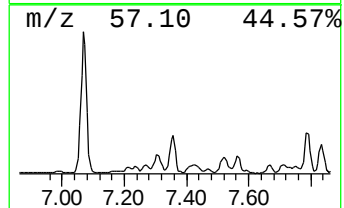
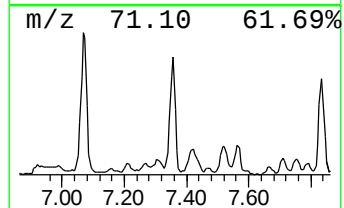
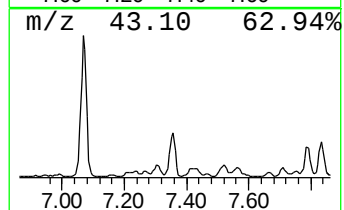
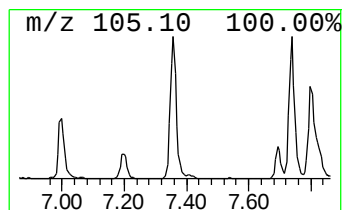
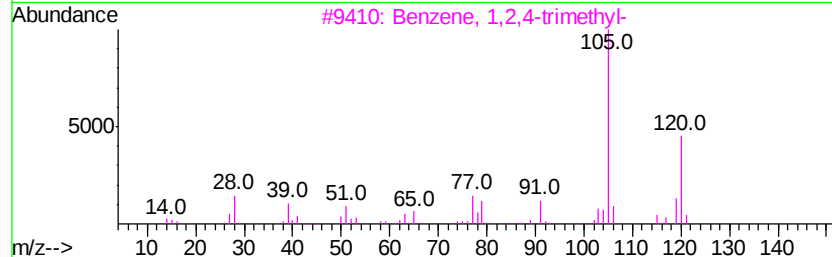
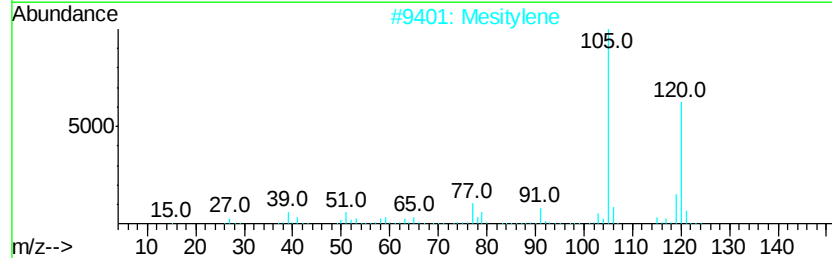
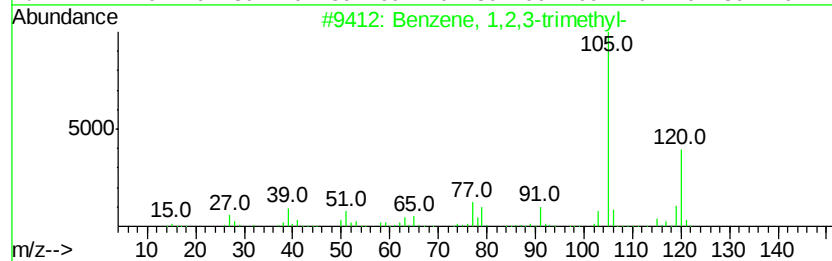
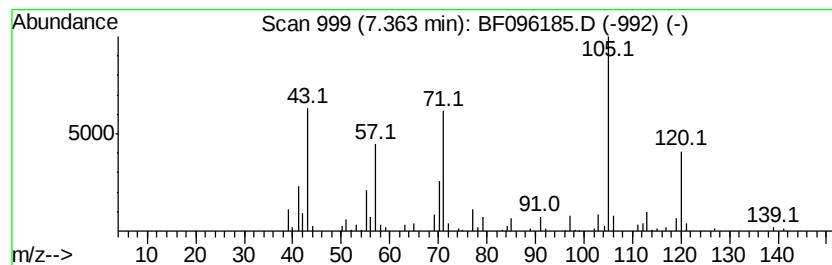
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	22.26 ng	426198	1,4-Dichlorobenzene-d4	7.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70
2		Mesitylene	120	C9H12	000108-67-8	70
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	47
4		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	47
5		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	43



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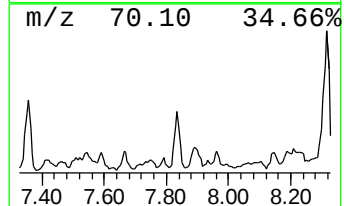
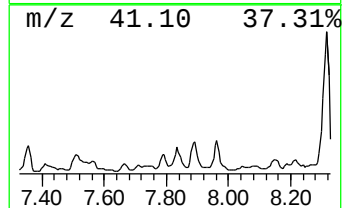
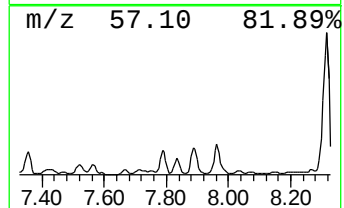
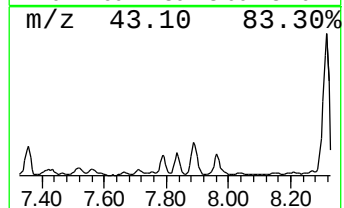
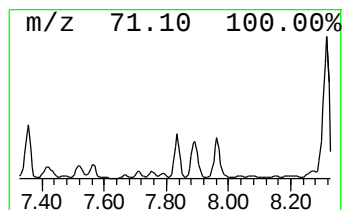
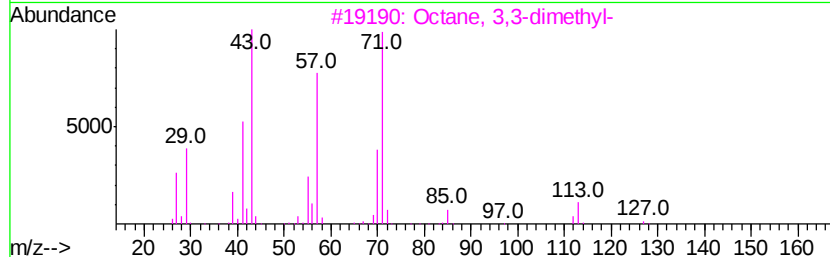
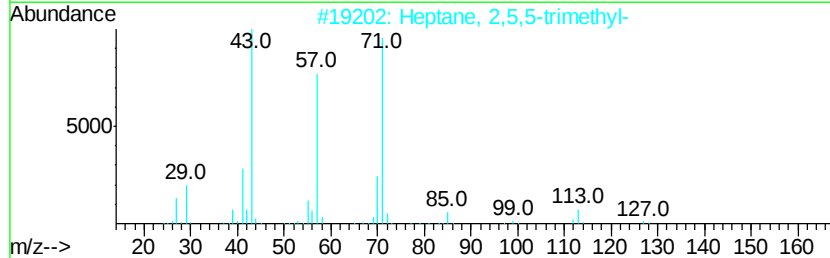
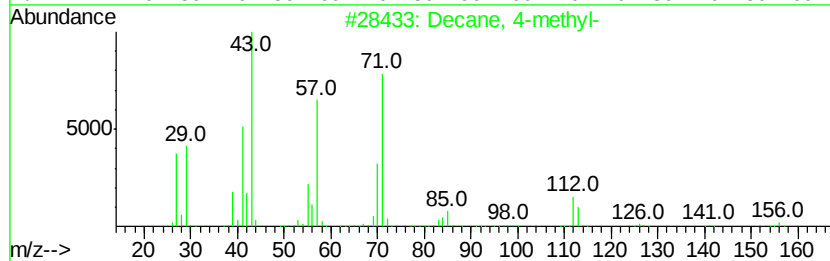
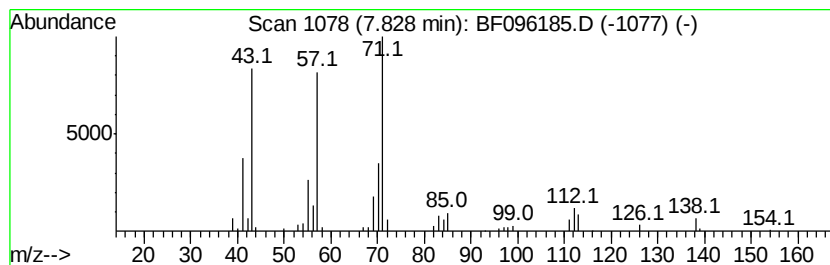
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Decane, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	14.51 ng	277725	1,4-Dichlorobenzene-d4	7.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	72	
2	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	64	
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64	
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59	
5	Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	59	



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Operator : SJ/MA
Sample : I3872-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-05-062217-A

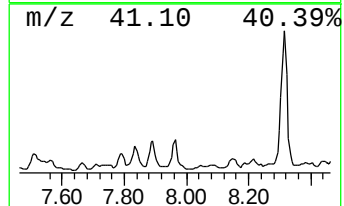
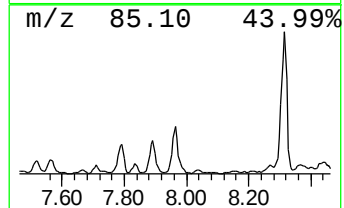
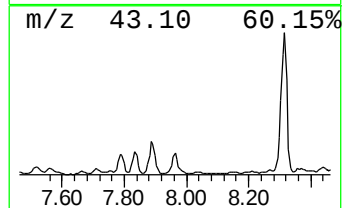
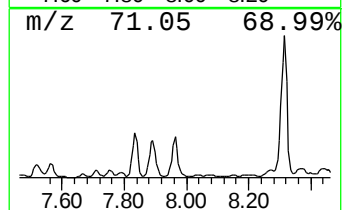
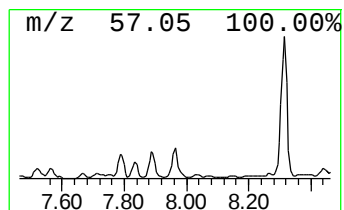
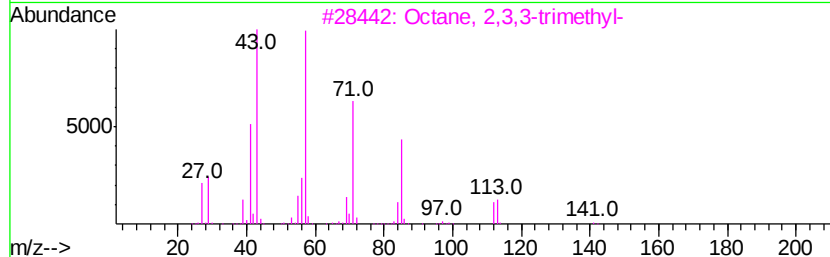
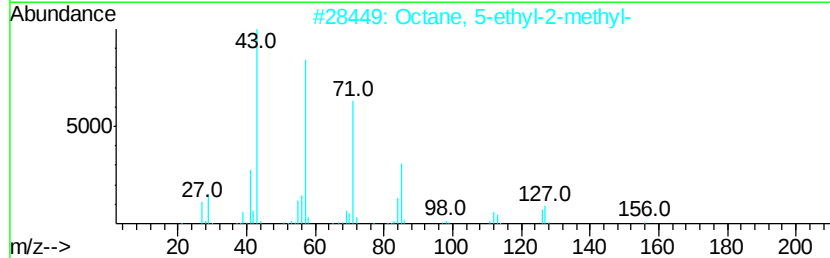
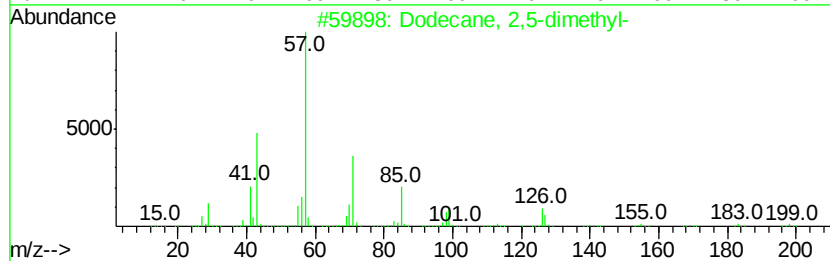
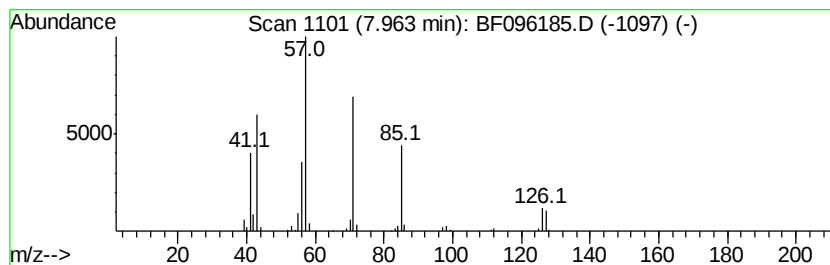
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	14.80 ng	283303	1,4-Dichlorobenzene-d4	7.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	78
2			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	64
3			Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	64
4			Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	64
5			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
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ClientSampleId :
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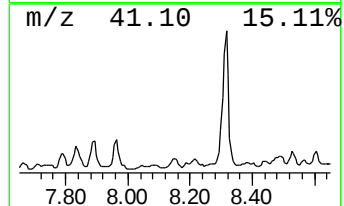
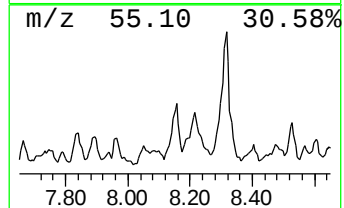
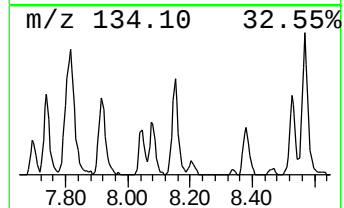
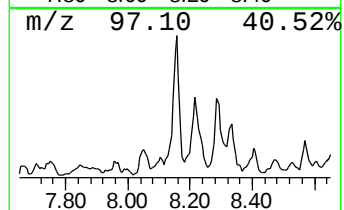
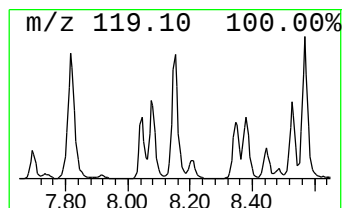
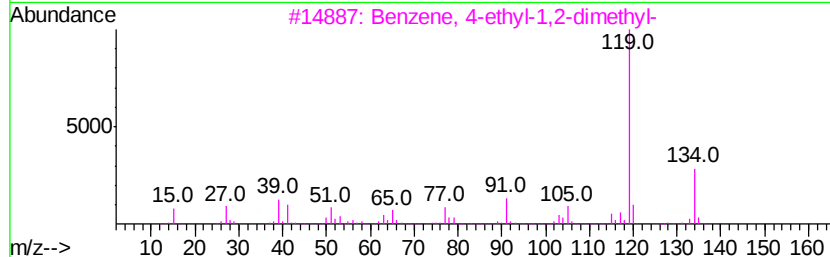
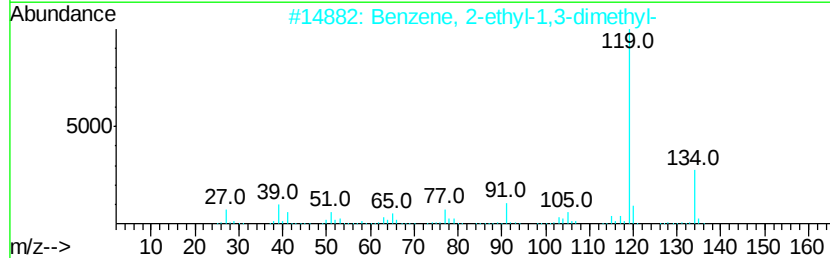
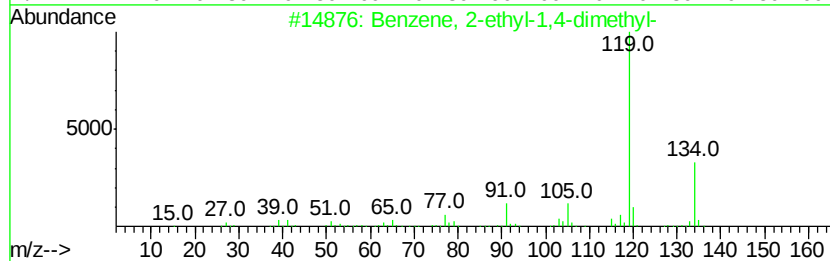
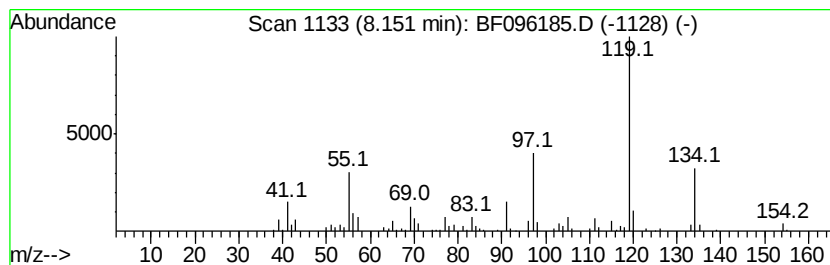
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	15.49 ng	296560	1,4-Dichlorobenzene-d4	7.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
Data File : BF096185.D
Acq On : 24 Jun 2017 12:22
Operator : SJ/MA
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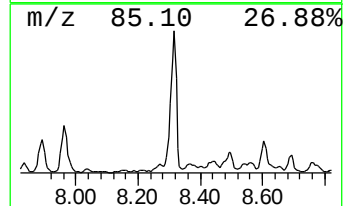
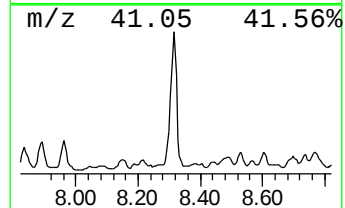
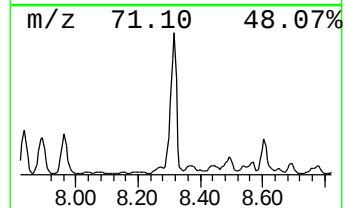
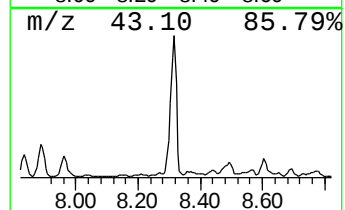
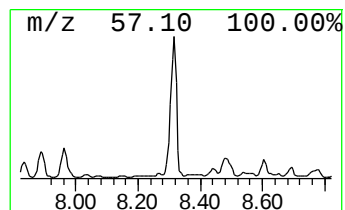
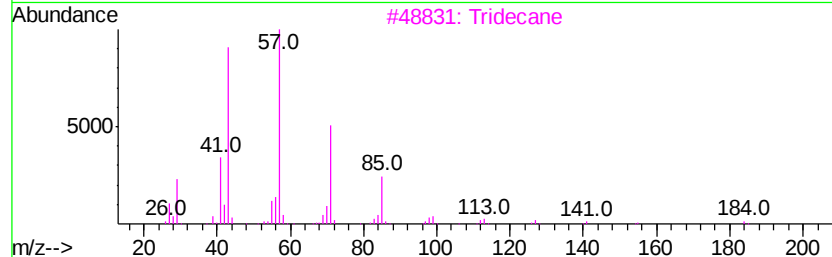
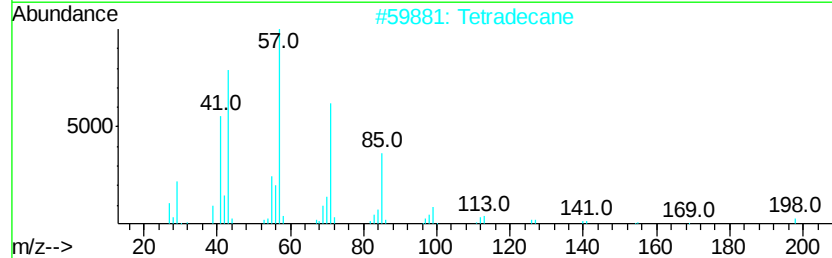
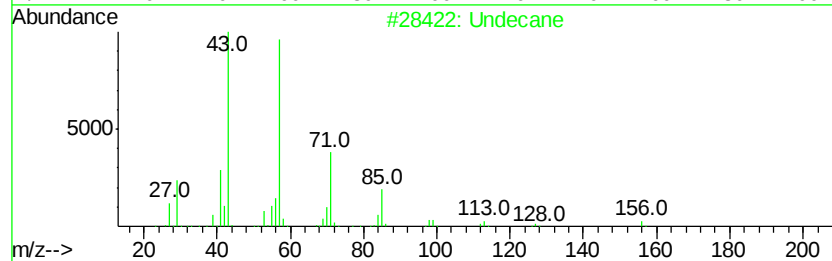
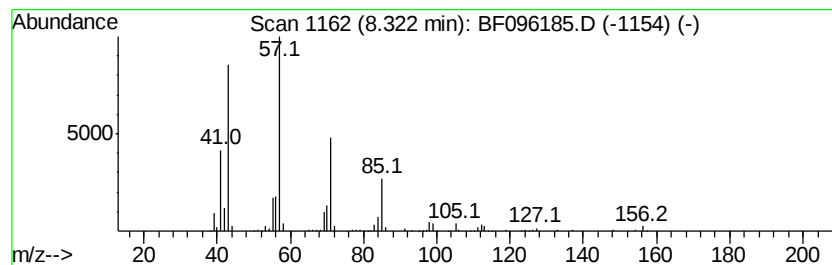
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	20.03 ng	1347340	Napthalene-d8	9.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	94
2		Tetradecane	198	C14H30	000629-59-4	90
3		Tridecane	184	C13H28	000629-50-5	86
4		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	83
5		Decane, 2-methyl-	156	C11H24	006975-98-0	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
Data File : BF096185.D
Acq On : 24 Jun 2017 12:22
Operator : SJ/MA
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ALS Vial : 7 Sample Multiplier: 1

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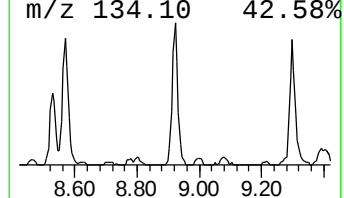
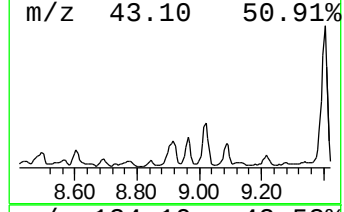
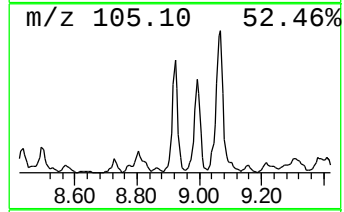
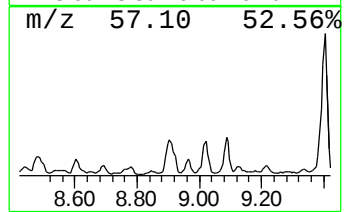
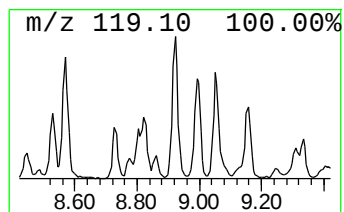
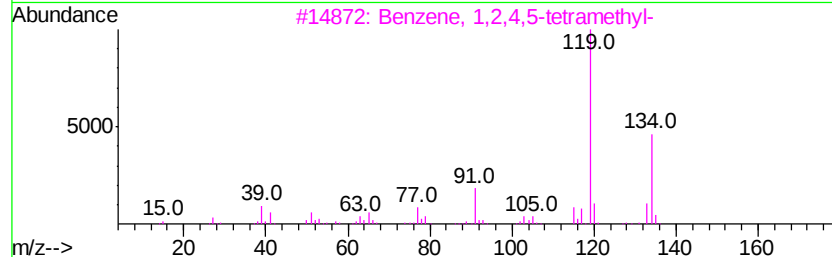
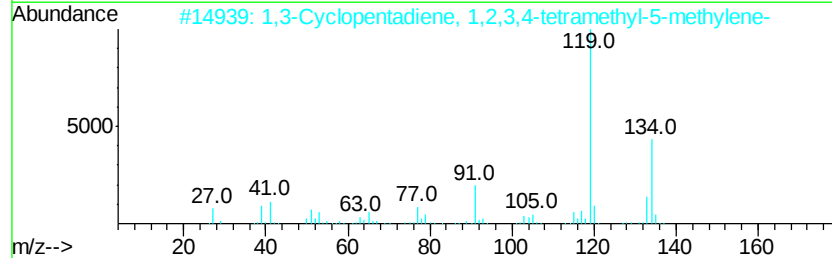
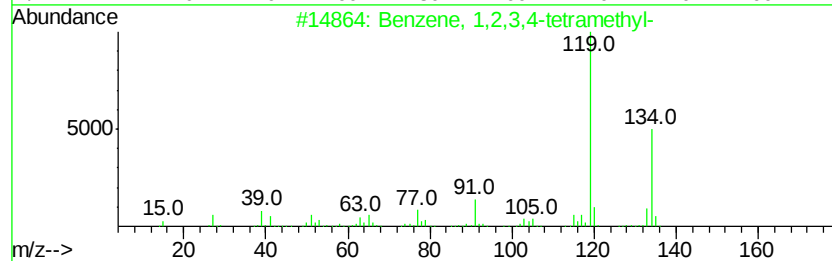
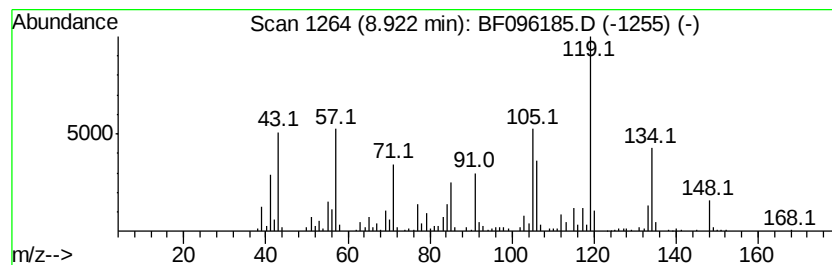
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	13.88 ng	933569	Naphthalene-d8	9.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	92
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	92
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5		o-Cymene	134	C10H14	000527-84-4	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062417\
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ClientSampleId :
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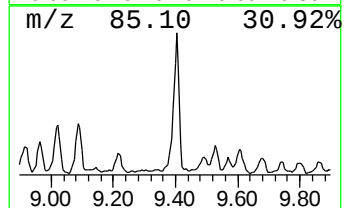
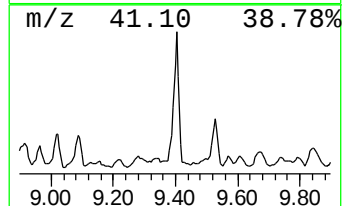
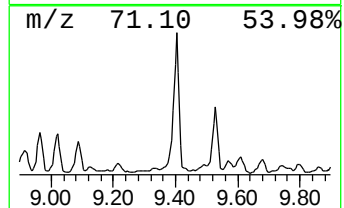
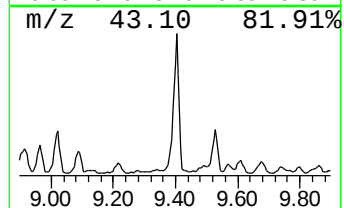
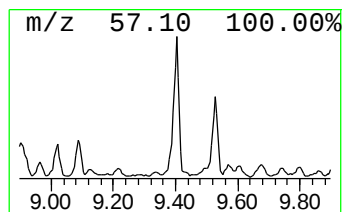
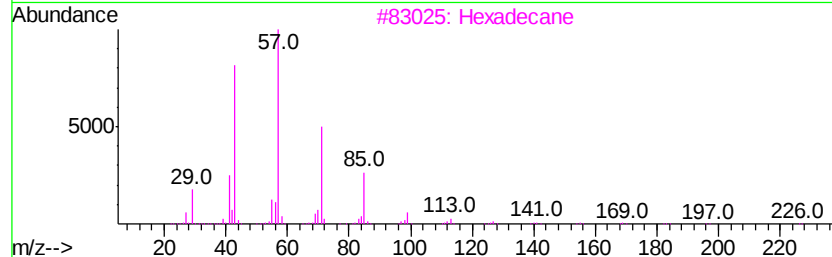
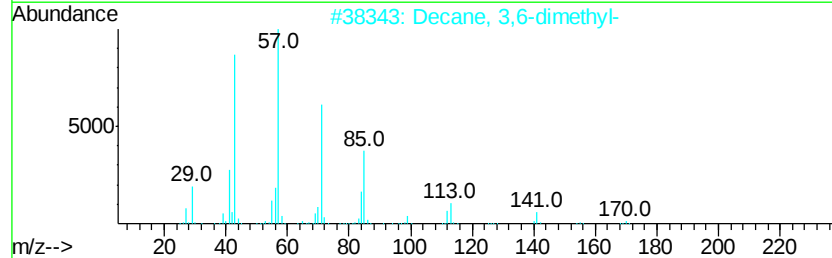
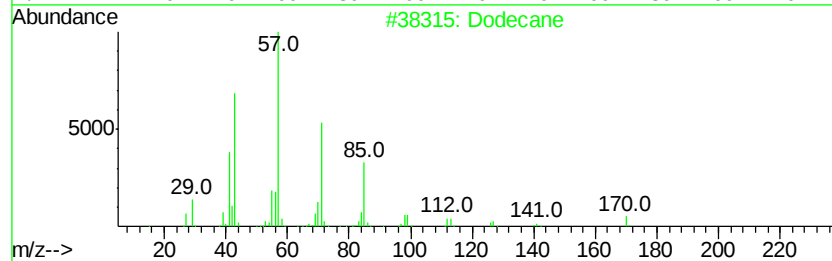
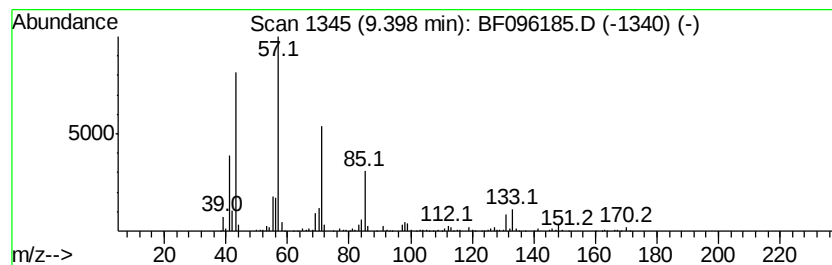
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	23.96 ng	1612110	Naphthalene-d8	9.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	94
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	74
3		Hexadecane	226	C16H34	000544-76-3	72
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
5		Hexatriacontane	507	C36H74	000630-06-8	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
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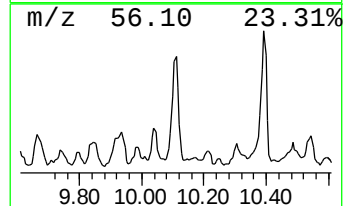
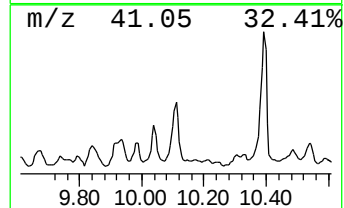
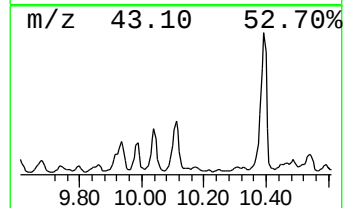
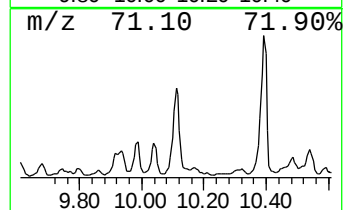
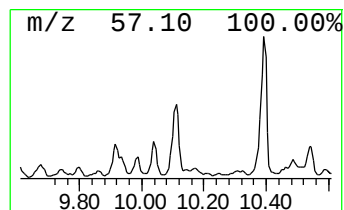
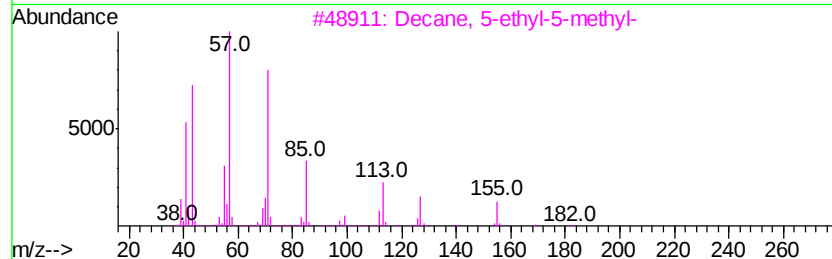
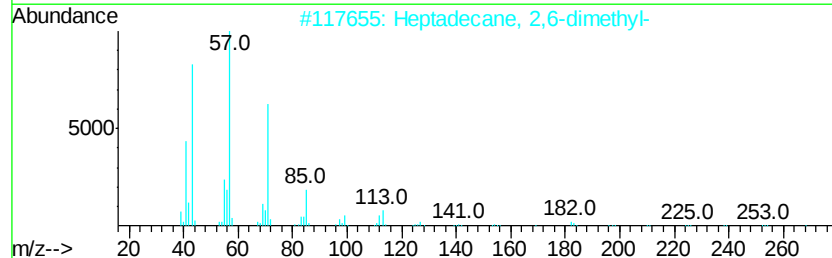
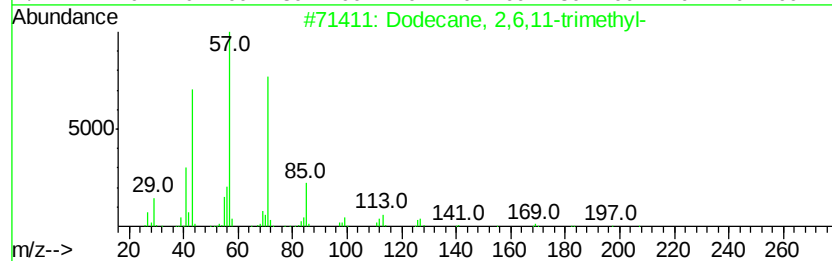
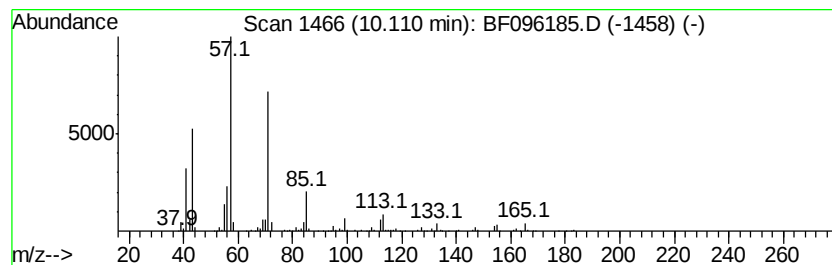
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	16.53 ng	1111770	Napthalene-d8	9.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
2		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
3		Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	64
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
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Operator : SJ/MA
Sample : I3872-01 5X
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ALS Vial : 7 Sample Multiplier: 1

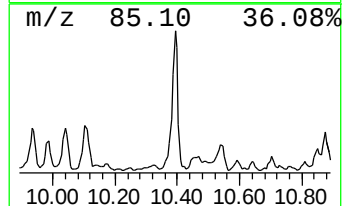
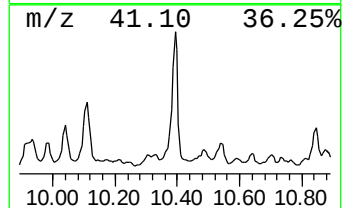
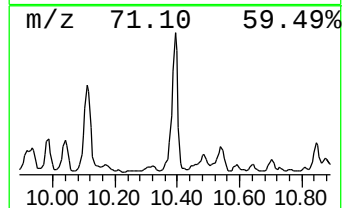
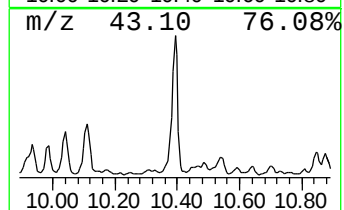
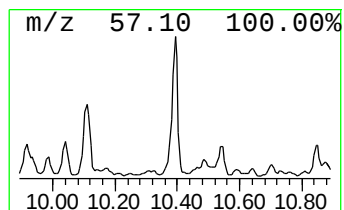
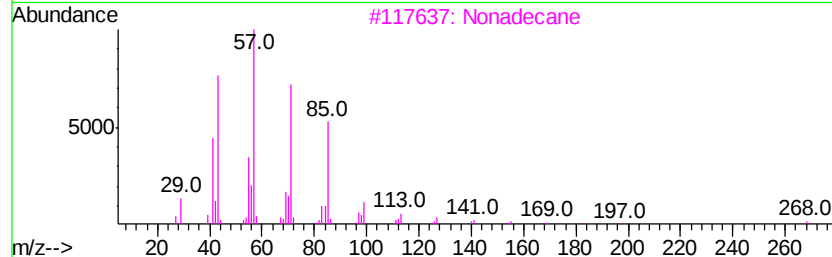
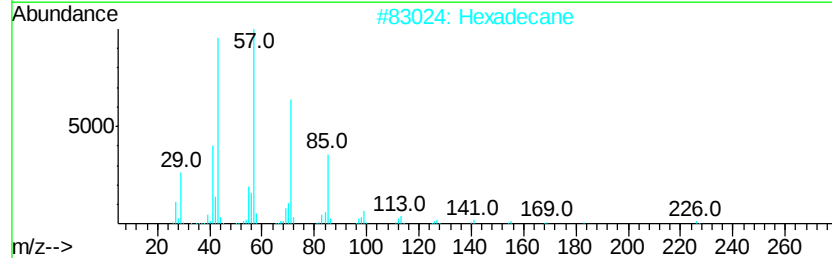
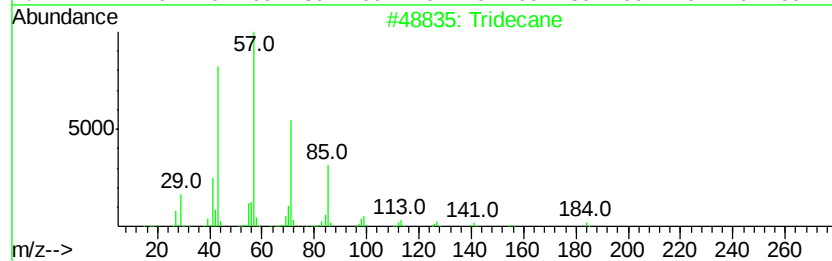
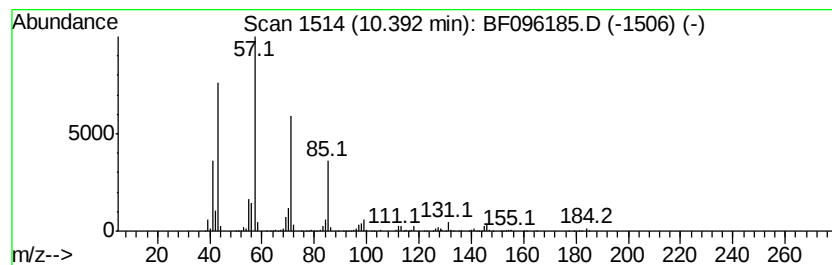
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ClientSampleId :
HR-05-062217-A

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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 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	26.83 ng	1804800	Napthalene-d8	9.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	90
2	Hexadecane	226 C16H34	000544-76-3	87
3	Nonadecane	268 C19H40	000629-92-5	86
4	Tetradecane	198 C14H30	000629-59-4	86
5	Nonane, 5-butyl-	184 C13H28	017312-63-9	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062417\
Data File : BF096185.D
Acq On : 24 Jun 2017 12:22
Operator : SJ/MA
Sample : I3872-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-062217-A

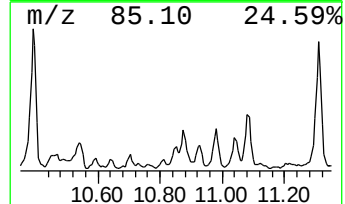
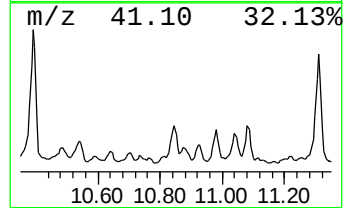
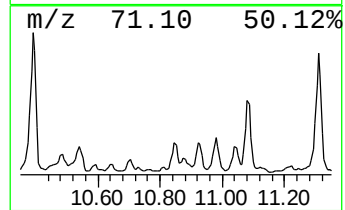
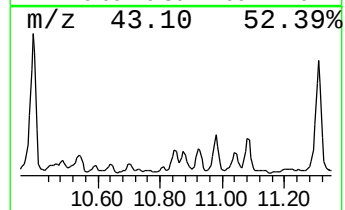
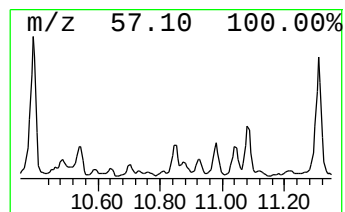
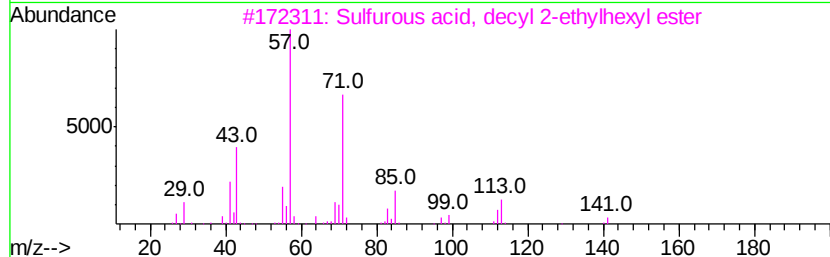
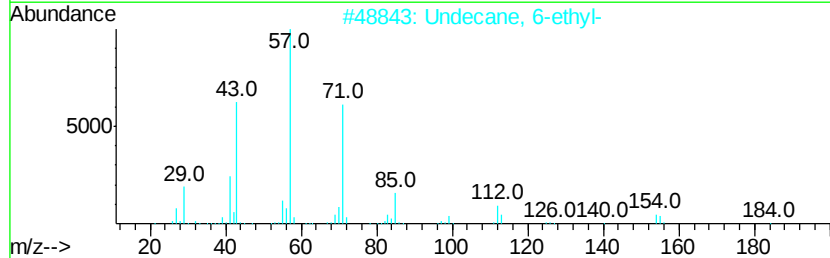
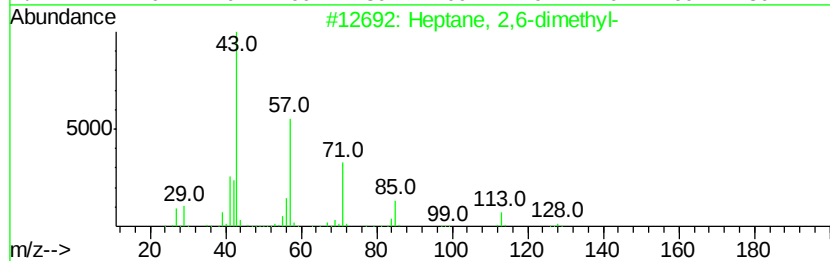
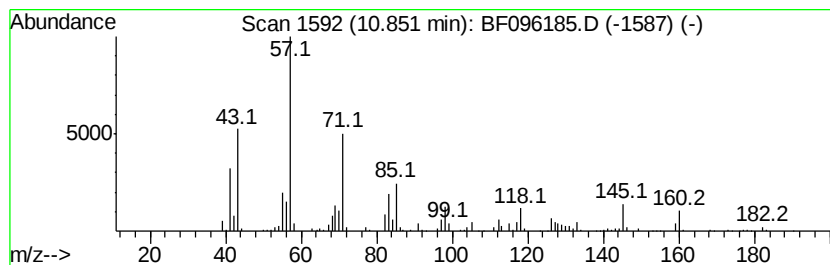
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown10.85 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	21.63 ng	581885	Acenaphthene-d10	12.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	27
2		Undecane, 6-ethyl-	184	C13H28	017312-60-6	27
3		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	27
4		Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	27
5		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
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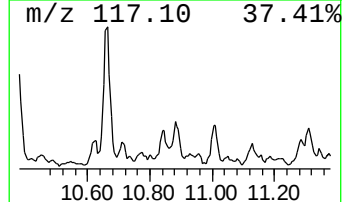
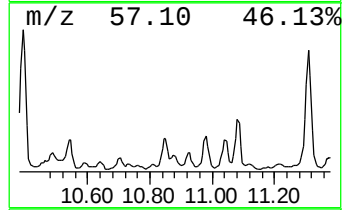
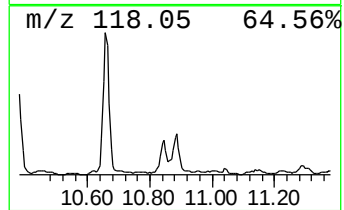
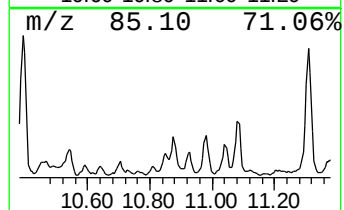
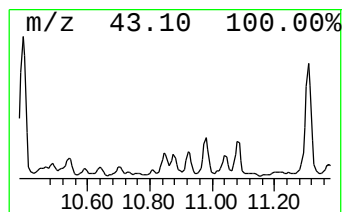
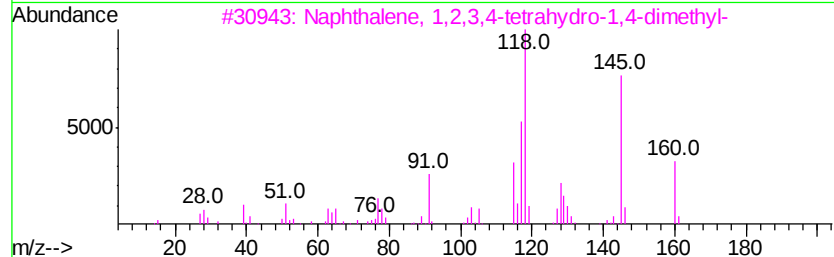
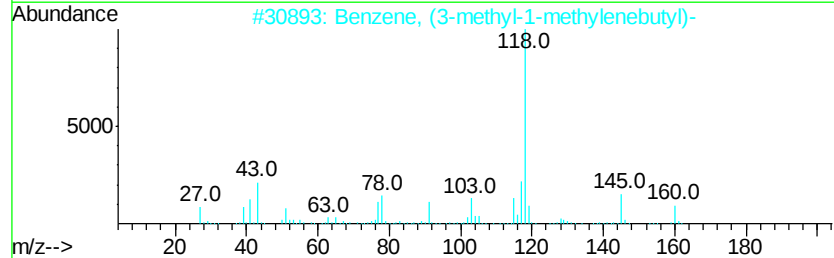
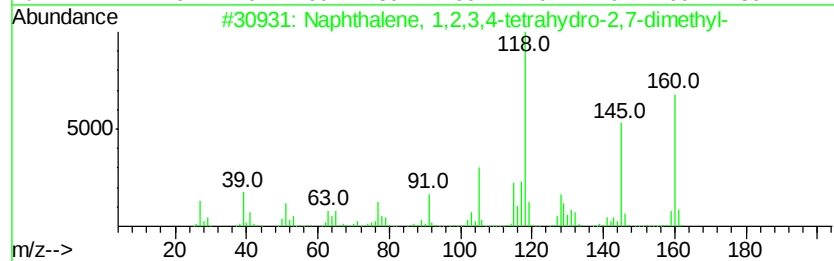
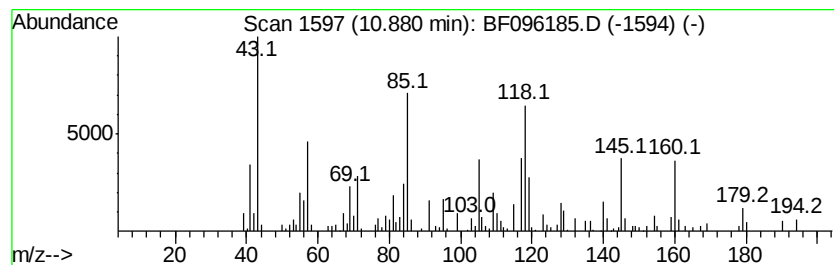
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown10.88 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	13.74 ng	369702	Acenaphthene-d10	12.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	41
2		Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	41
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	41
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	35
5		1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
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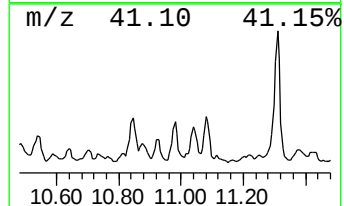
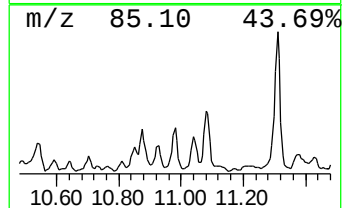
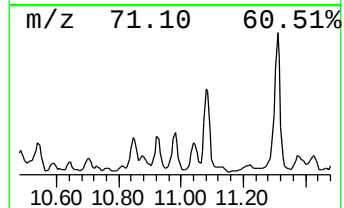
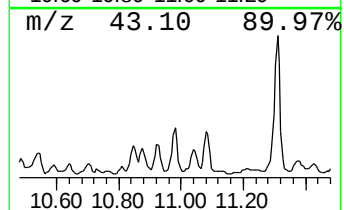
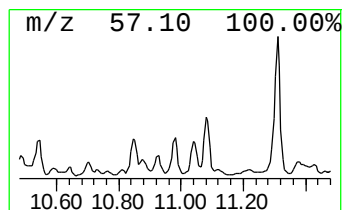
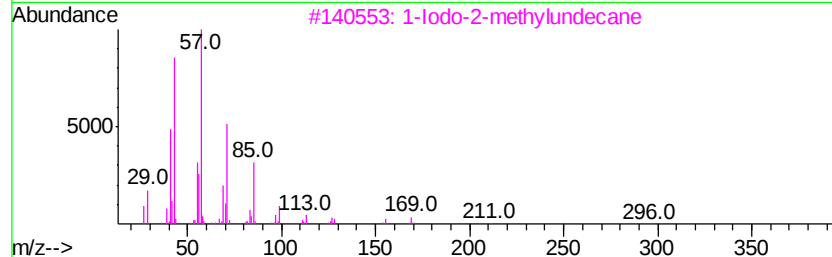
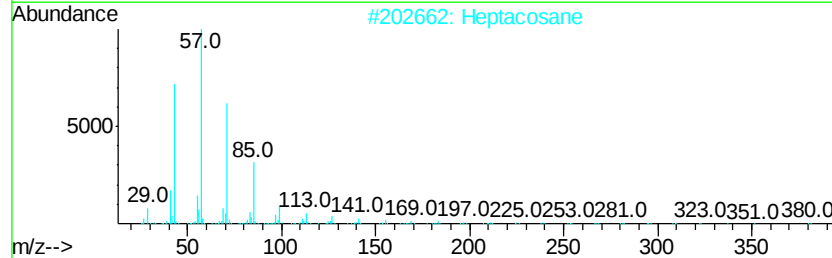
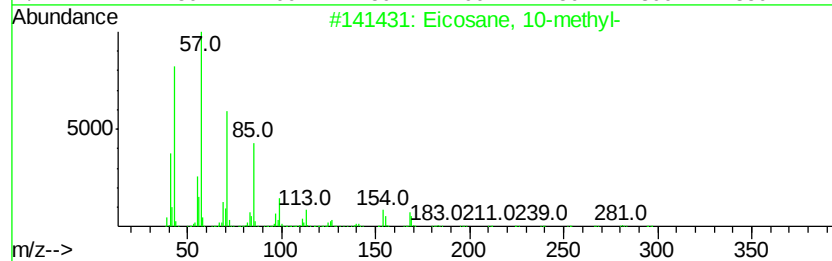
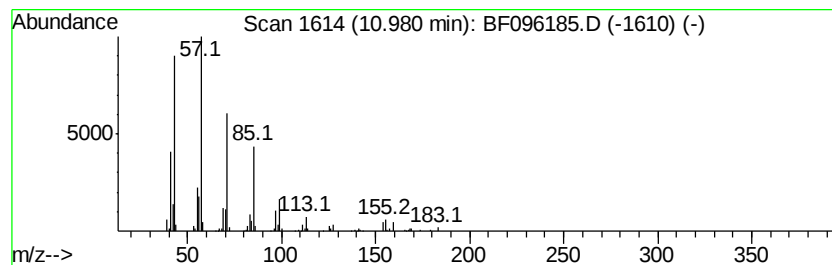
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Eicosane, 10-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	15.46 ng	415929	Acenaphthene-d10	12.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2		Heptacosane	380	C27H56	000593-49-7	80
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	80
4		Tetracosane	338	C24H50	000646-31-1	80
5		Tridecane, 2-methyl-	198	C14H30	001560-96-9	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
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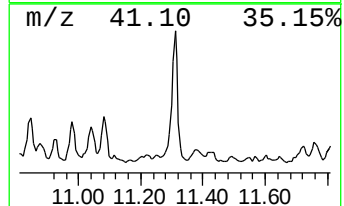
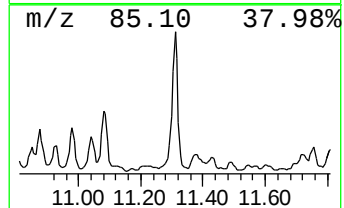
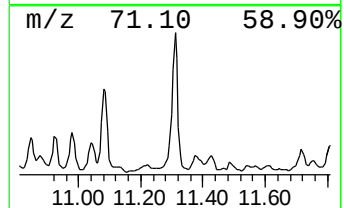
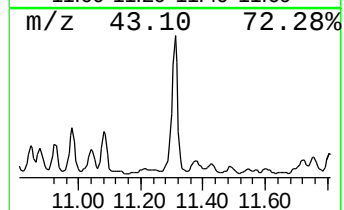
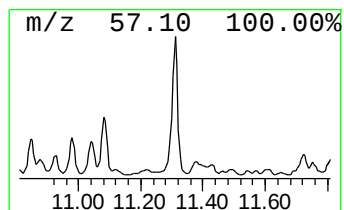
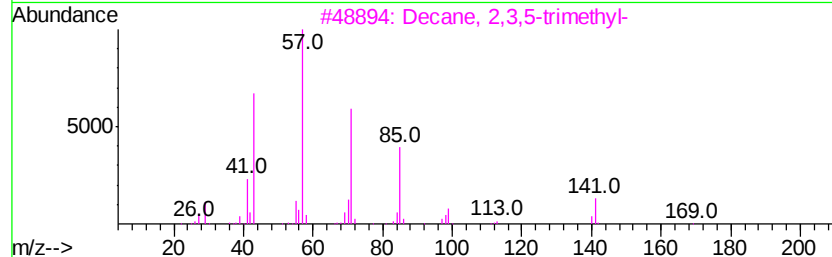
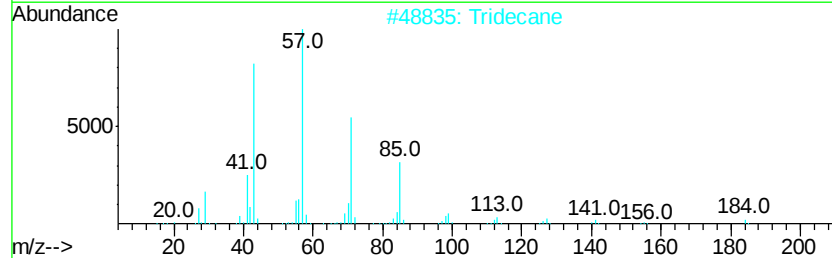
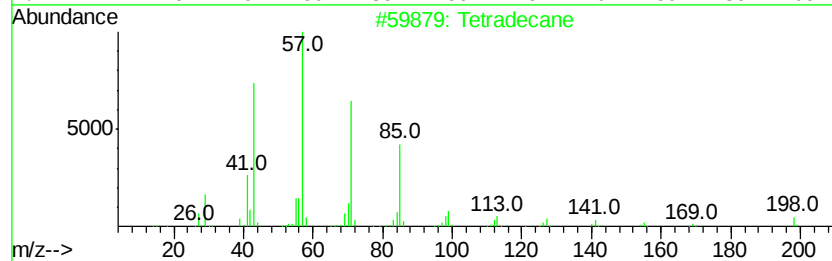
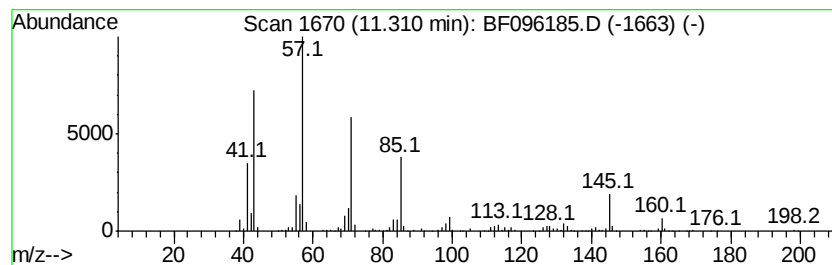
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	54.26 ng	1459870	Acenaphthene-d10	12.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 96
2		Tridecane	184 C13H28	000629-50-5 68
3		Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3 64
4		Hexadecane	226 C16H34	000544-76-3 64
5		Tridecane, 6-methyl-	198 C14H30	013287-21-3 62



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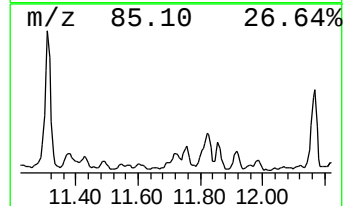
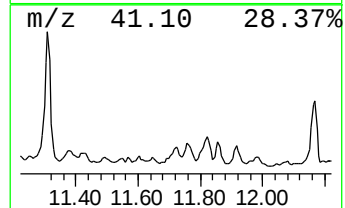
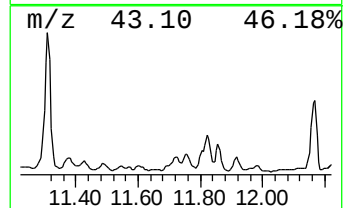
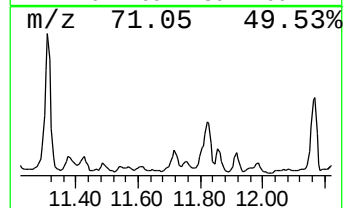
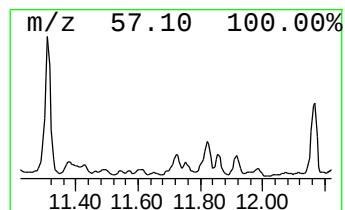
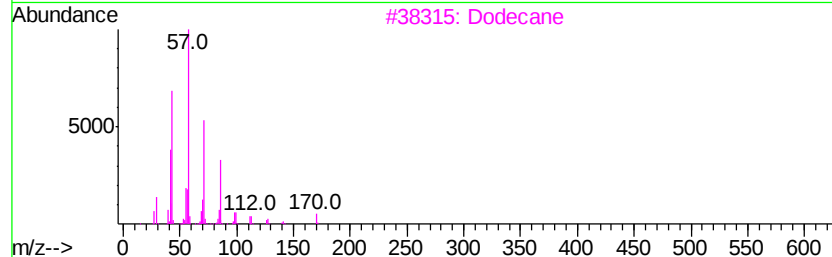
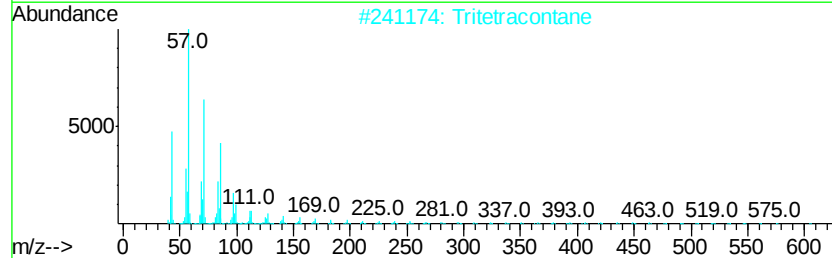
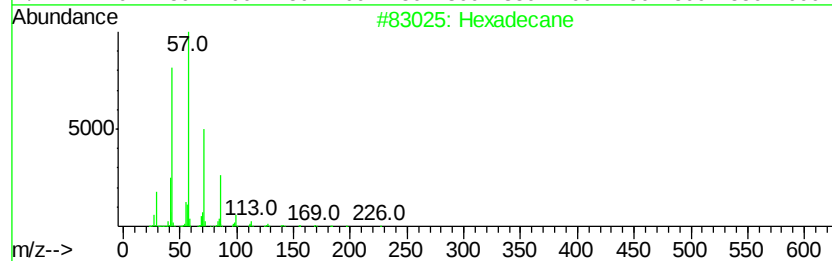
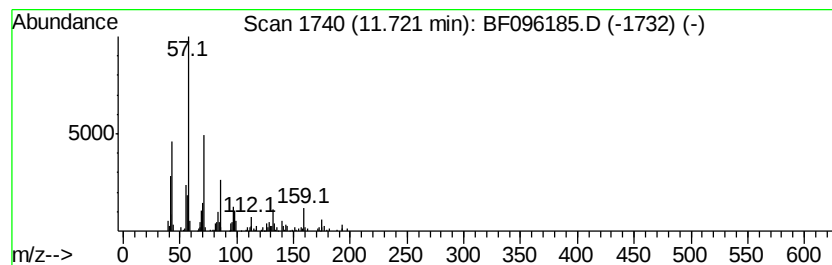
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	12.98 ng	349097	Acenaphthene-d10	12.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	50
2	Tritetracontane	605 C43H88	007098-21-7	47
3	Dodecane	170 C12H26	000112-40-3	47
4	Heptadecane, 2,6,10,14-tetramethyl-	296 C21H44	018344-37-1	47
5	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	43



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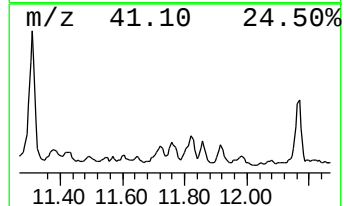
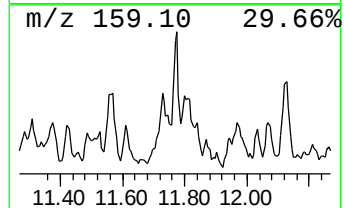
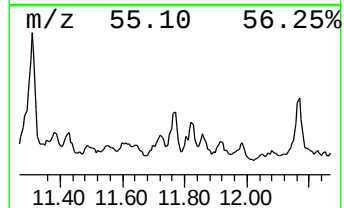
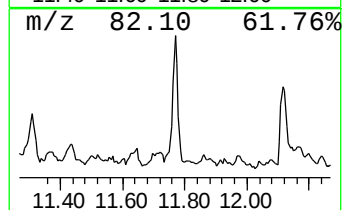
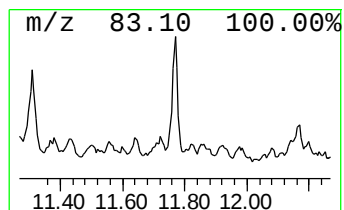
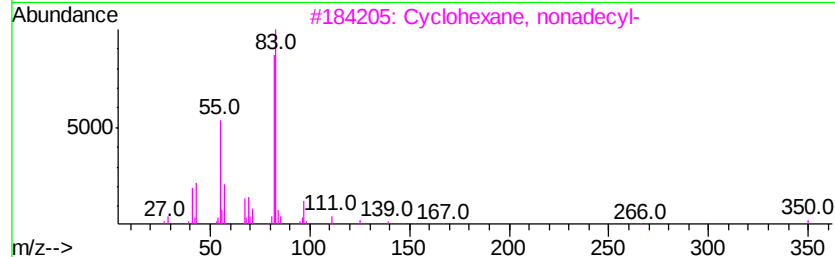
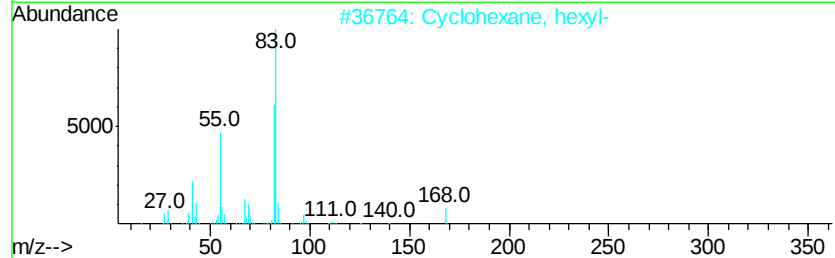
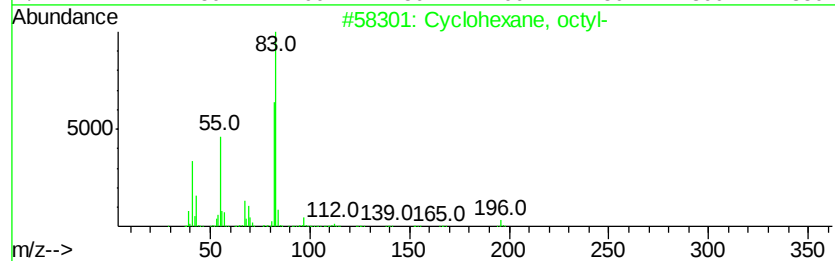
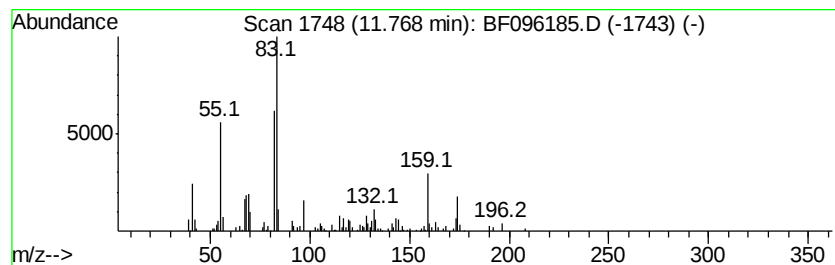
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cyclohexane, octyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	13.15 ng	353891	Acenaphthene-d10	12.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, octyl-	196	C14H28	001795-15-9	62
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	58
3		Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	53
4		Cyclohexane, undecyl-	238	C17H34	054105-66-7	53
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	53



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ALS Vial : 7 Sample Multiplier: 1

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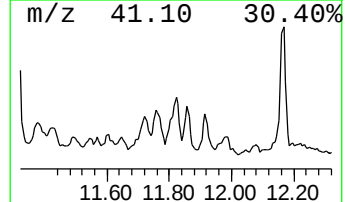
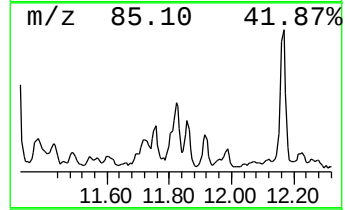
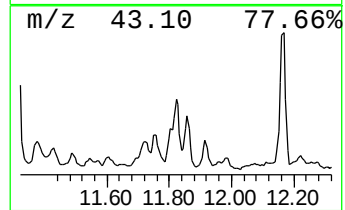
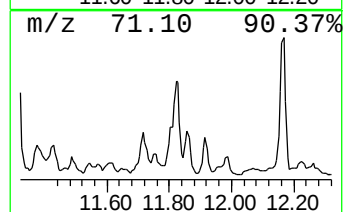
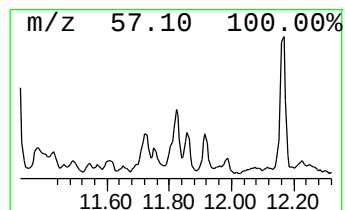
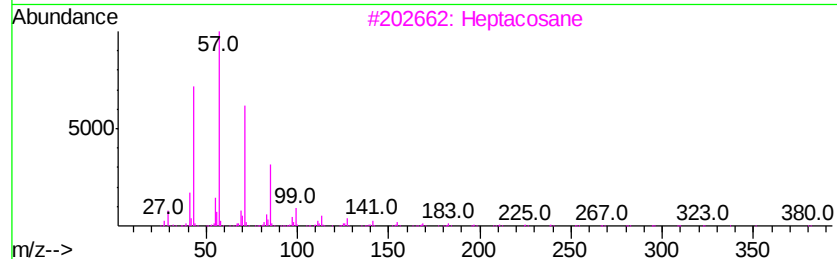
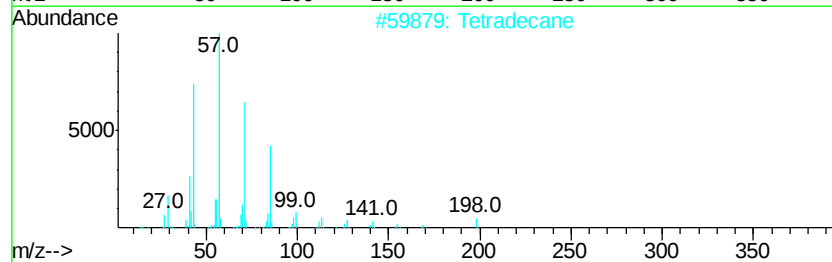
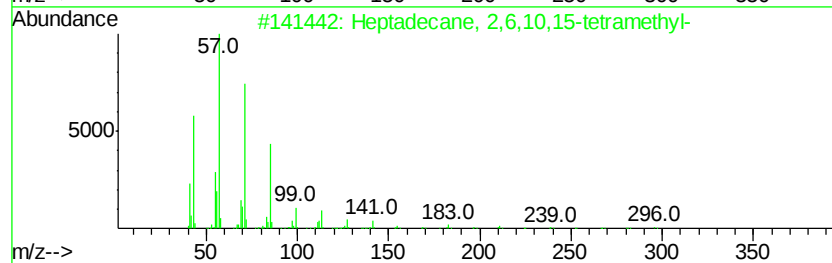
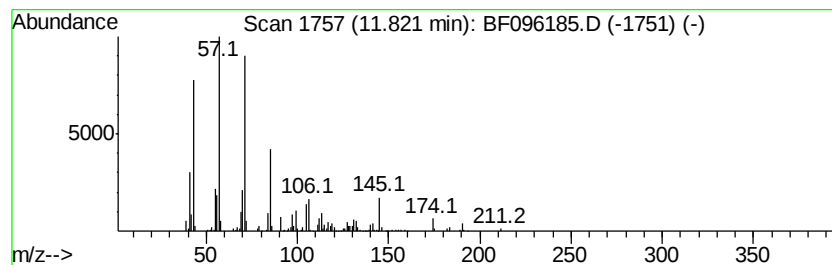
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	23.53 ng	633114	Acenaphthene-d10	12.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
2		Tetradecane	198	C14H30	000629-59-4	72
3		Heptacosane	380	C27H56	000593-49-7	64
4		Hexadecane	226	C16H34	000544-76-3	59
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062417\
 Data File : BF096185.D
 Acq On : 24 Jun 2017 12:22
 Operator : SJ/MA
 Sample : I3872-01 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-062217-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Decane	7.07	41.1	ng	787219	1	7.26	382904	20.0
Benzene, 1,2,3-tr...	7.36	22.3	ng	426198	1	7.26	382904	20.0
Decane, 4-methyl-	7.83	14.5	ng	277725	1	7.26	382904	20.0
Dodecane, 2,5-dim...	7.96	14.8	ng	283303	1	7.26	382904	20.0
Benzene, 2-ethyl-...	8.15	15.5	ng	296560	1	7.26	382904	20.0
Undecane	8.32	20.0	ng	1347340	2	9.30	1345450	20.0
Benzene, 1,2,3,4-...	8.92	13.9	ng	933569	2	9.30	1345450	20.0
Dodecane	9.40	24.0	ng	1612110	2	9.30	1345450	20.0
Dodecane, 2,6,11-...	10.11	16.5	ng	1111770	2	9.30	1345450	20.0
Tridecane	10.39	26.8	ng	1804800	2	9.30	1345450	20.0
unknown10.85	10.85	21.6	ng	581885	3	12.12	538072	20.0
unknown10.88	10.88	13.7	ng	369702	3	12.12	538072	20.0
Eicosane, 10-methyl-	10.98	15.5	ng	415929	3	12.12	538072	20.0
Tetradecane	11.31	54.3	ng	1459870	3	12.12	538072	20.0
Hexadecane	11.72	13.0	ng	349097	3	12.12	538072	20.0
Cyclohexane, octyl-	11.77	13.2	ng	353891	3	12.12	538072	20.0
Heptadecane, 2,6,...	11.82	23.5	ng	633114	3	12.12	538072	20.0