

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102781.D
 Acq On : 6 Feb 2018 13:57
 Operator : SJ/JU
 Sample : J1454-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-9-WW(4-6)

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	2.193	12	18	24	rVB	563930	790234	14.45%	0.770%
2	5.122	513	516	524	rVB	133109	190560	3.49%	0.186%
3	5.504	571	581	584	rBV	4780093	5223890	95.54%	5.092%
4	6.128	682	687	691	rVV2	340733	452287	8.27%	0.441%
5	6.163	691	693	695	rVV2	231688	222538	4.07%	0.217%
6	6.187	695	697	699	rVV	338456	259689	4.75%	0.253%
7	6.322	715	720	723	rBV3	174434	255191	4.67%	0.249%
8	6.416	732	736	742	rBV3	419092	645470	11.81%	0.629%
9	6.510	746	752	755	rBV	4276906	5098741	93.25%	4.970%
10	6.651	767	776	780	rBV	4638960	5467766	100.00%	5.330%
11	6.710	783	786	789	rBV3	514953	546941	10.00%	0.533%
12	6.881	811	815	820	rVB2	1658250	1836060	33.58%	1.790%
13	6.939	821	825	827	rVB3	186876	182120	3.33%	0.178%
14	6.992	831	834	837	rVB4	260090	285239	5.22%	0.278%
15	7.039	837	842	845	rBV	3882203	4007620	73.30%	3.907%
16	7.151	858	861	864	rVB2	452440	420588	7.69%	0.410%
17	7.198	864	869	870	rBV3	188921	255861	4.68%	0.249%
18	7.275	876	882	885	rBV2	364954	510576	9.34%	0.498%
19	7.304	885	887	892	rVB5	152032	182221	3.33%	0.178%
20	7.416	900	906	907	rBV2	371374	532749	9.74%	0.519%
21	7.445	907	911	913	rVV	3019466	3129285	57.23%	3.051%
22	7.475	913	916	920	rVB	815134	776723	14.21%	0.757%
23	7.528	920	925	928	rBV5	289570	486279	8.89%	0.474%
24	7.581	928	934	937	rVB5	115267	204698	3.74%	0.200%
25	7.651	944	946	948	rVV2	235382	246455	4.51%	0.240%
26	7.686	948	952	955	rVB2	232708	335189	6.13%	0.327%
27	7.781	966	968	970	rVV2	228199	187509	3.43%	0.183%
28	7.804	970	972	975	rVV3	381481	370108	6.77%	0.361%
29	7.834	975	977	981	rVB2	181955	229790	4.20%	0.224%
30	7.904	986	989	992	rBV2	375399	433126	7.92%	0.422%
31	8.034	1008	1011	1014	rBV2	204573	236175	4.32%	0.230%
32	8.110	1019	1024	1026	rBV4	144604	259435	4.74%	0.253%
33	8.139	1026	1029	1031	rVV	1182781	1131490	20.69%	1.103%
34	8.163	1031	1033	1035	rVV	1869083	1679678	30.72%	1.637%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.186	1035	1037	1039	rVV	636550	476281	8.71%	0.464%
36	8.222	1039	1043	1045	rVB2	703360	755531	13.82%	0.737%
37	8.251	1045	1048	1051	rBV4	262590	303672	5.55%	0.296%
38	8.457	1074	1083	1087	rBV8	492744	851392	15.57%	0.830%
39	8.545	1094	1098	1101	rVB4	311921	427453	7.82%	0.417%
40	8.581	1101	1104	1106	rBV	913884	757089	13.85%	0.738%
41	8.628	1110	1112	1115	rVB3	250313	199183	3.64%	0.194%
42	8.669	1116	1119	1121	rBV2	350697	282600	5.17%	0.275%
43	8.704	1121	1125	1127	rBV5	213208	248815	4.55%	0.243%
44	8.751	1130	1133	1137	rBV	1916612	1549781	28.34%	1.511%
45	8.792	1137	1140	1142	rBV2	190066	220566	4.03%	0.215%
46	8.845	1146	1149	1152	rVB2	332672	430278	7.87%	0.419%
47	8.875	1152	1154	1158	rVB	286322	222632	4.07%	0.217%
48	8.939	1163	1165	1167	rBV3	211712	230880	4.22%	0.225%
49	9.033	1179	1181	1185	rBV5	274744	433417	7.93%	0.423%
50	9.069	1185	1187	1191	rVB4	368506	444118	8.12%	0.433%
51	9.116	1191	1195	1198	rBV2	374667	438174	8.01%	0.427%
52	9.157	1199	1202	1204	rBV	308488	254764	4.66%	0.248%
53	9.181	1204	1206	1211	rVB	1160407	956087	17.49%	0.932%
54	9.239	1211	1216	1221	rBV	4355312	4302904	78.70%	4.195%
55	9.316	1225	1229	1234	rBV	2361661	2582867	47.24%	2.518%
56	9.433	1247	1249	1254	rBV3	304166	304032	5.56%	0.296%
57	9.504	1257	1261	1264	rVV2	592441	764554	13.98%	0.745%
58	9.575	1270	1273	1276	rVV2	938594	1068155	19.54%	1.041%
59	9.604	1276	1278	1280	rVV	615008	491471	8.99%	0.479%
60	9.633	1280	1283	1286	rVV3	1662471	2001264	36.60%	1.951%
61	9.657	1286	1287	1290	rVB2	362927	294178	5.38%	0.287%
62	9.698	1290	1294	1295	rBV2	516254	463114	8.47%	0.451%
63	9.786	1305	1309	1312	rBV3	318513	367070	6.71%	0.358%
64	9.845	1312	1319	1324	rBV	2545656	2972080	54.36%	2.897%
65	9.892	1324	1327	1328	rBV3	233826	262239	4.80%	0.256%
66	9.922	1329	1332	1335	rVV2	1661027	1462287	26.74%	1.425%
67	9.951	1335	1337	1340	rVV2	554823	461609	8.44%	0.450%
68	10.022	1346	1349	1354	rBV	561226	660952	12.09%	0.644%
69	10.075	1354	1358	1361	rBV5	373461	648317	11.86%	0.632%
70	10.122	1361	1366	1370	rVV2	855919	1275112	23.32%	1.243%
71	10.163	1370	1373	1378	rVV3	1036306	1233332	22.56%	1.202%

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72	10.204	1378	1380	1383	rVB	323078	265567	4.86%	0.259%
73	10.239	1383	1386	1388	rBV	653418	664592	12.15%	0.648%
74	10.263	1388	1390	1392	rBV	449802	366759	6.71%	0.358%
75	10.292	1392	1395	1397	rVB2	341336	340159	6.22%	0.332%
76	10.351	1397	1405	1407	rBV	2755100	3220741	58.90%	3.140%
77	10.375	1407	1409	1412	rBV2	285696	282177	5.16%	0.275%
78	10.404	1412	1414	1419	rVB5	297824	394721	7.22%	0.385%
79	10.469	1422	1425	1427	rBV3	531210	610563	11.17%	0.595%
80	10.569	1437	1442	1448	rBV	1767419	2231698	40.82%	2.176%
81	10.622	1448	1451	1453	rBV2	376385	341365	6.24%	0.333%
82	10.686	1460	1462	1463	rBV	543699	369142	6.75%	0.360%
83	10.710	1463	1466	1469	rVB	1928705	1674240	30.62%	1.632%
84	10.822	1482	1485	1486	rBV	2868989	2572472	47.05%	2.508%
85	11.016	1515	1518	1520	rBV2	390924	401009	7.33%	0.391%
86	11.275	1558	1562	1564	rBV	2261375	2052013	37.53%	2.000%
87	11.304	1564	1567	1572	rVB	2345369	2408240	44.04%	2.348%
88	11.410	1582	1585	1587	rBV	1431596	1378153	25.21%	1.343%
89	11.439	1587	1590	1593	rVV	1876768	2086672	38.16%	2.034%
90	11.486	1596	1598	1600	rVB	645808	486950	8.91%	0.475%
91	11.545	1606	1608	1610	rBV2	439149	355787	6.51%	0.347%
92	11.651	1623	1626	1629	rVB2	929446	944968	17.28%	0.921%
93	11.704	1631	1635	1637	rVB	2078563	1952743	35.71%	1.904%
94	12.110	1701	1704	1708	rBV	1843505	1608875	29.42%	1.568%
95	12.392	1750	1752	1755	rVB	749204	587753	10.75%	0.573%
96	12.498	1767	1770	1773	rBV	1451447	1218452	22.28%	1.188%
97	12.633	1790	1793	1796	rVB	1465224	1354731	24.78%	1.321%
98	12.863	1830	1832	1837	rVB2	1294531	1466225	26.82%	1.429%
99	13.004	1853	1856	1863	rVB	1773623	2101251	38.43%	2.048%
100	13.227	1891	1894	1896	rBV2	667444	673553	12.32%	0.657%

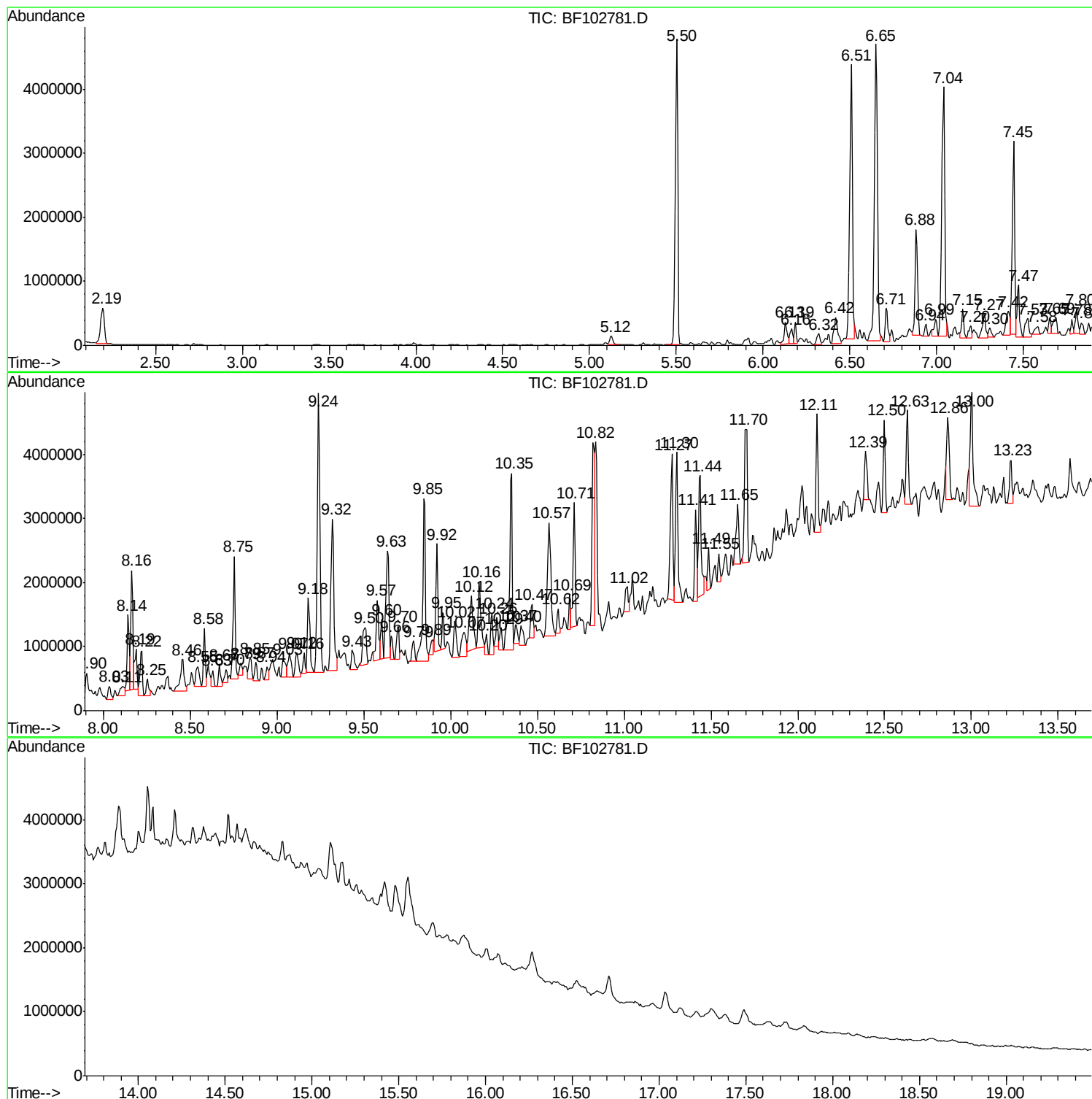
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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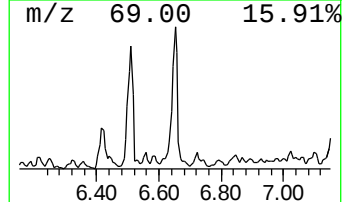
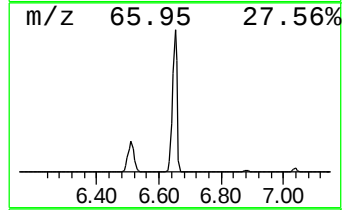
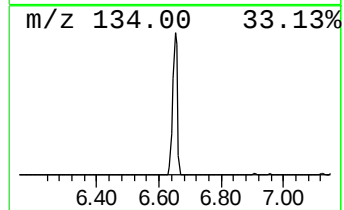
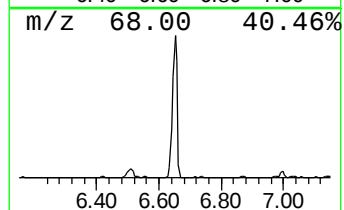
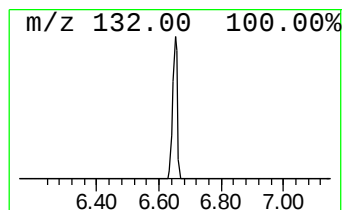
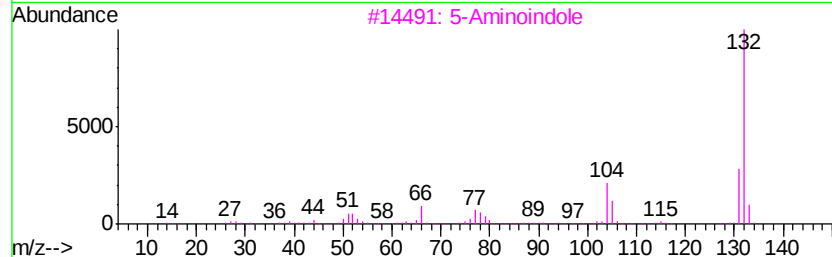
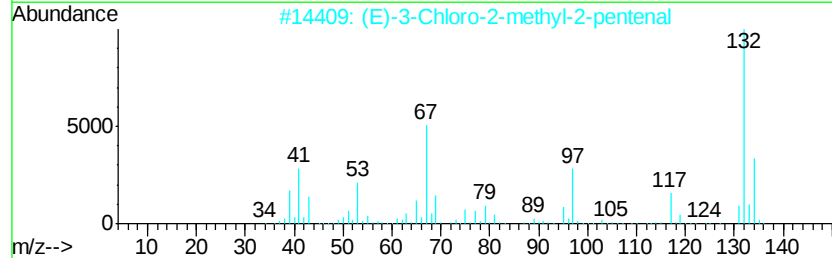
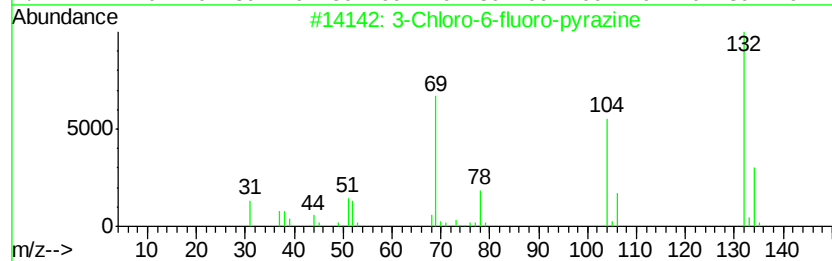
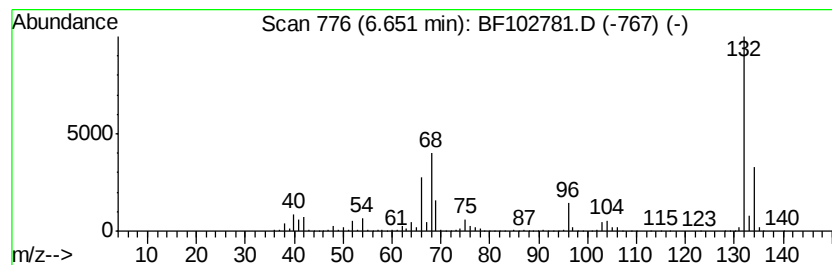
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	59.56 ng	5467770	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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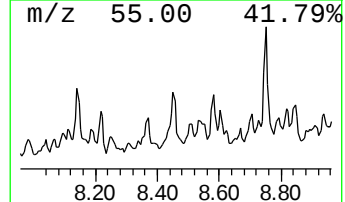
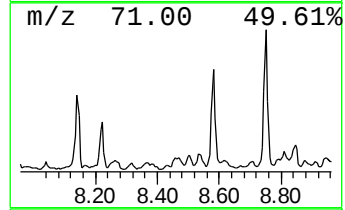
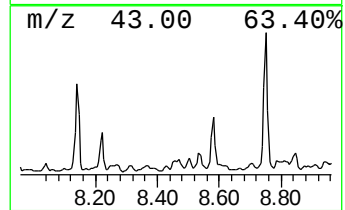
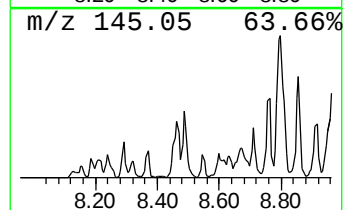
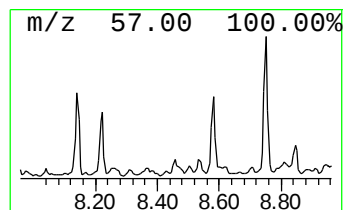
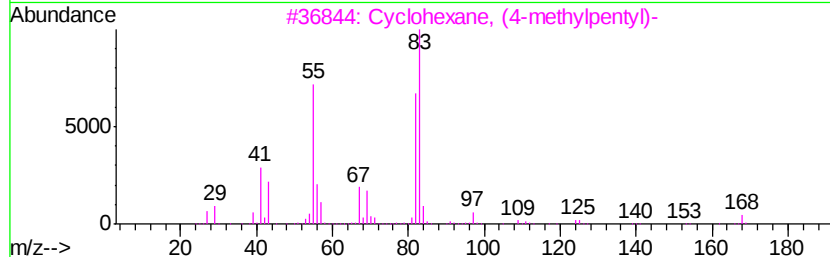
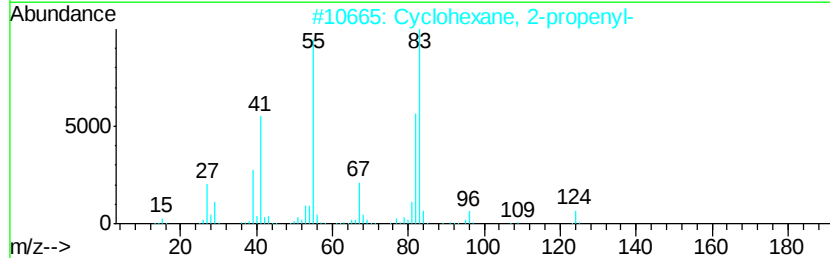
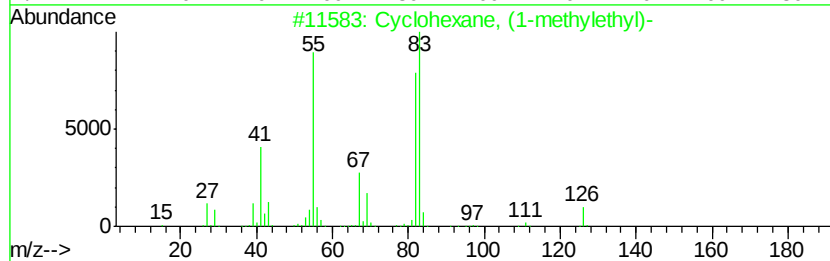
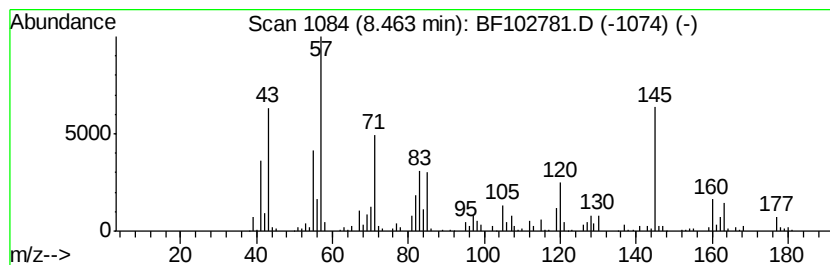
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown8.46 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	10.14 ng	851392	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
2		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	27
3		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	27
4		Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	18
5		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	18



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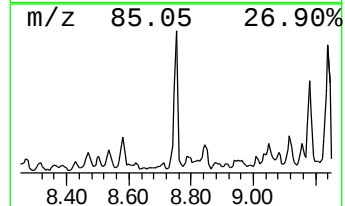
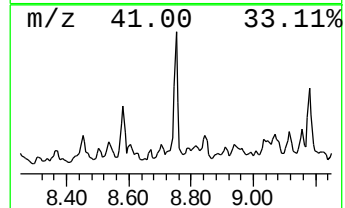
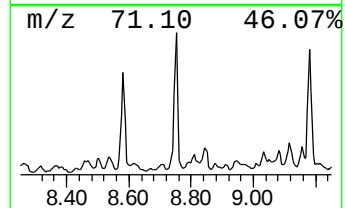
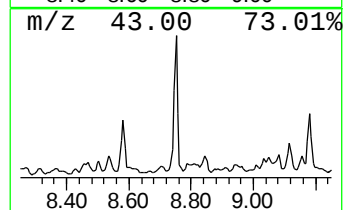
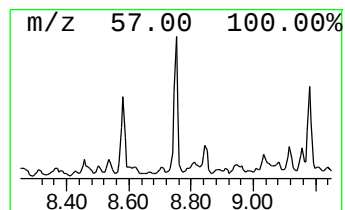
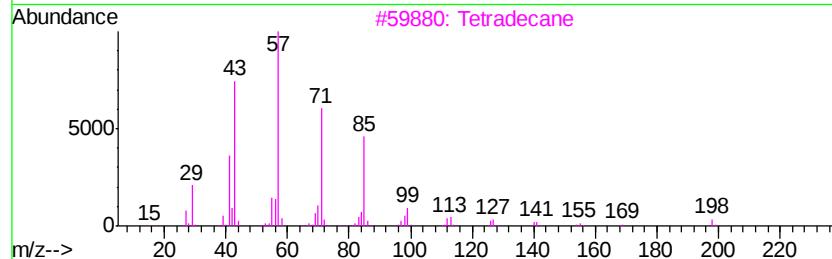
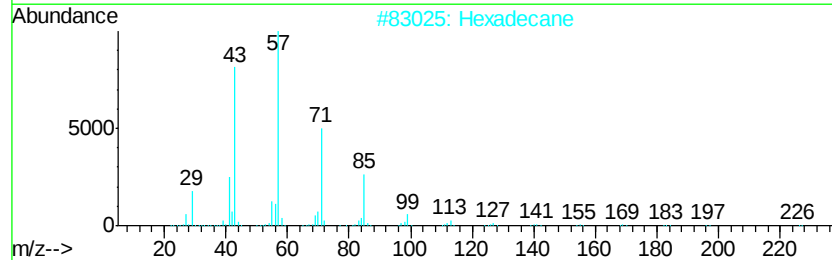
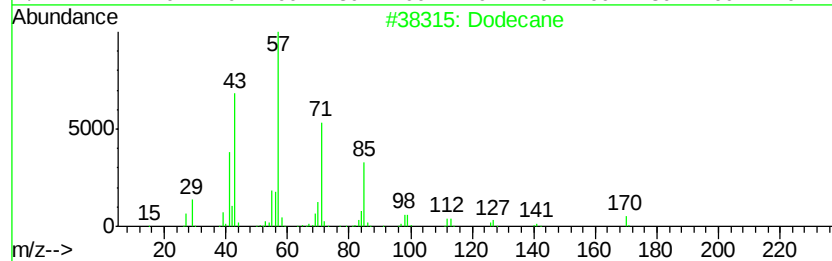
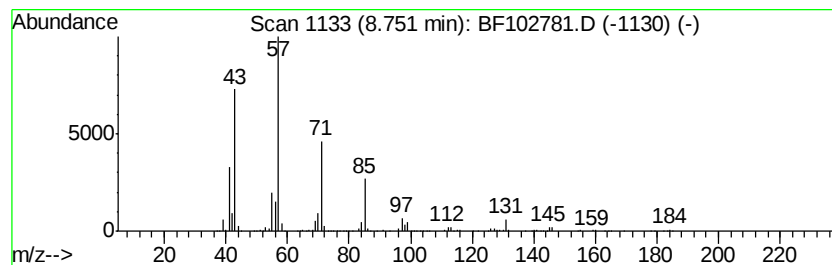
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Peak Number 4 Dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	18.45 ng	1549780	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	86
2		Hexadecane	226	C16H34	000544-76-3	80
3		Tetradecane	198	C14H30	000629-59-4	78
4		Tridecane	184	C13H28	000629-50-5	64
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
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Acq On : 6 Feb 2018 13:57
Operator : SJ/JU
Sample : J1454-13
Misc :
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Instrument :
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ClientSampleId :
8-SAN-9-WW(4-6)

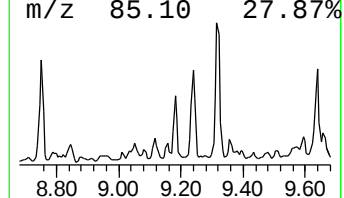
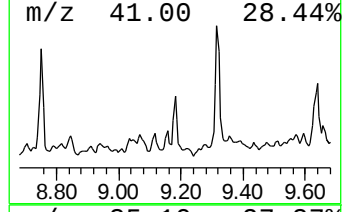
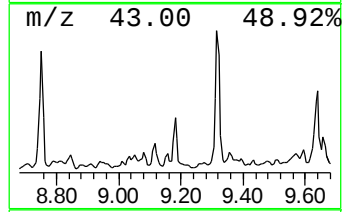
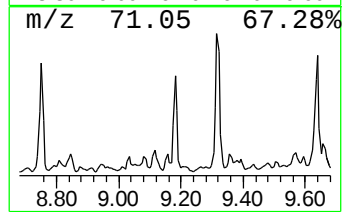
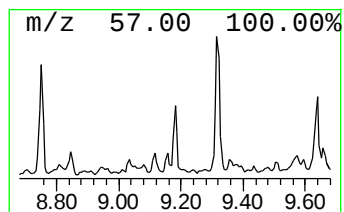
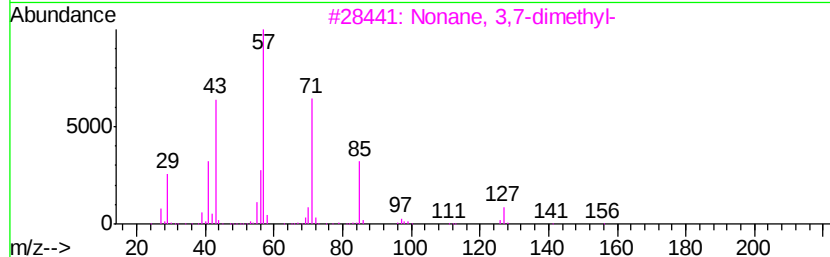
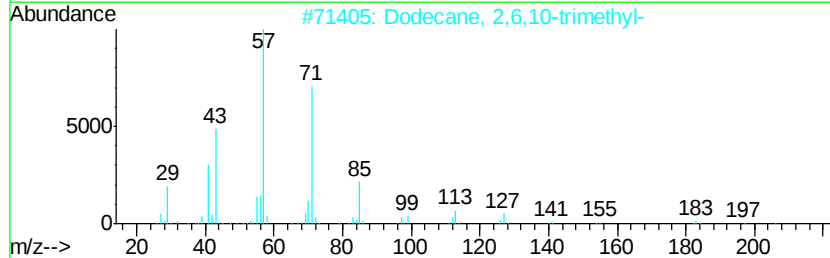
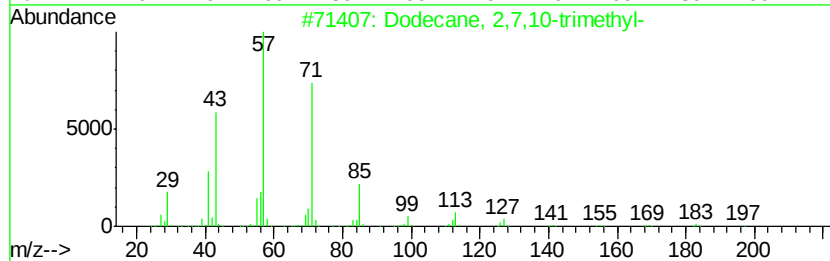
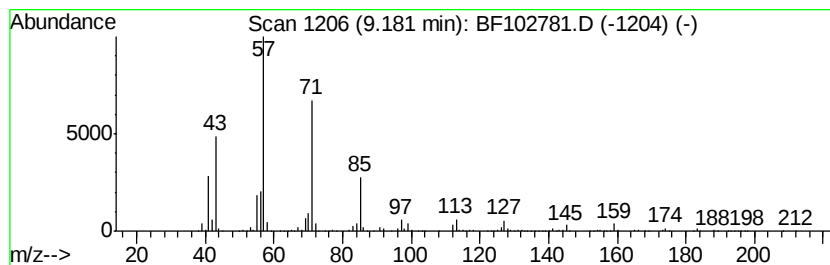
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2,7,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	13.08 ng	956087	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
4		Hexadecane	226	C16H34	000544-76-3	59
5		Heptacosane	380	C27H56	000593-49-7	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
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ClientSampleId :
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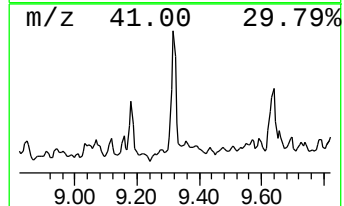
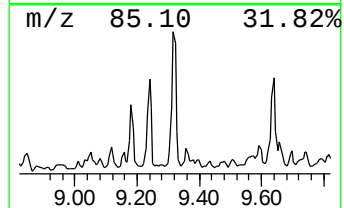
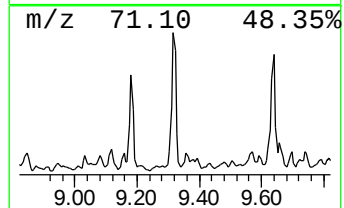
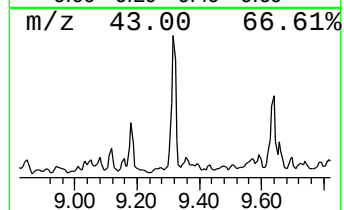
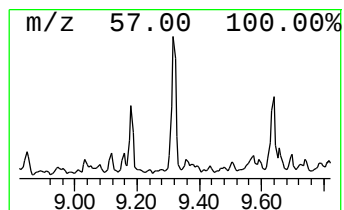
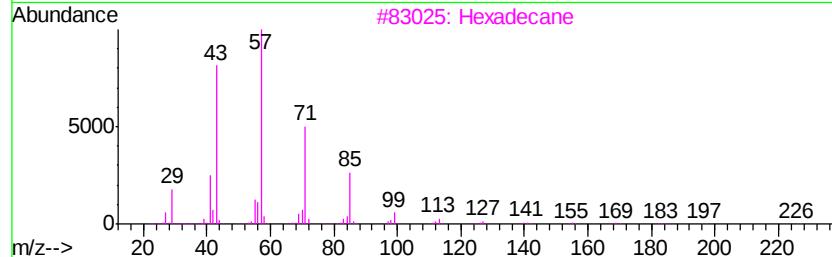
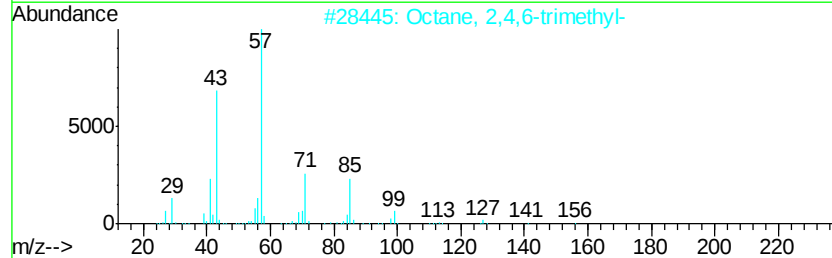
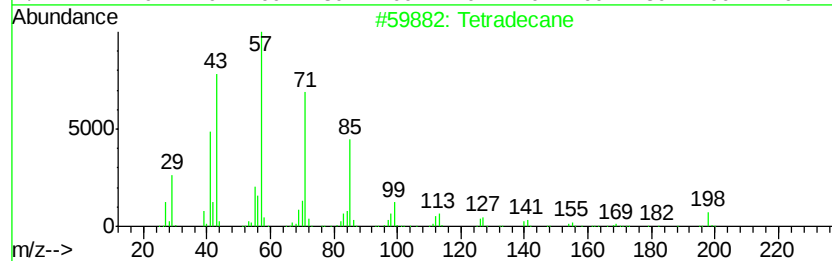
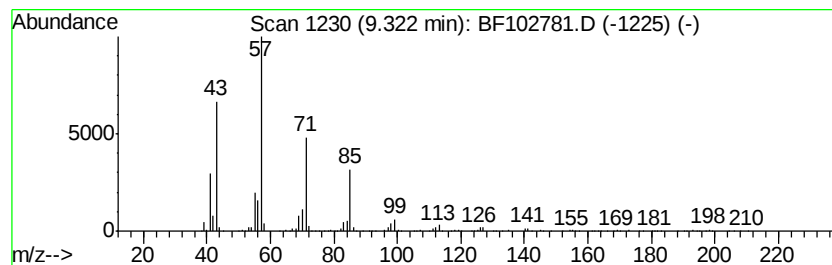
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	35.33 ng	2582870	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	80
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
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Operator : SJ/JU
Sample : J1454-13
Misc :
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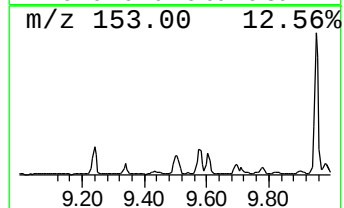
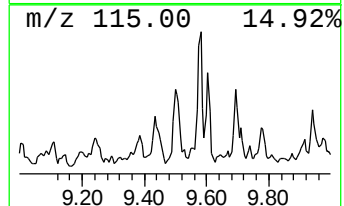
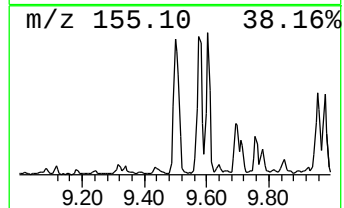
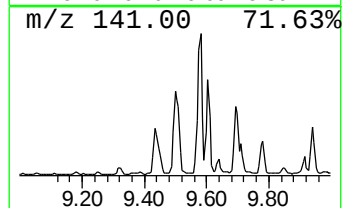
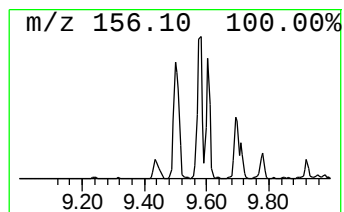
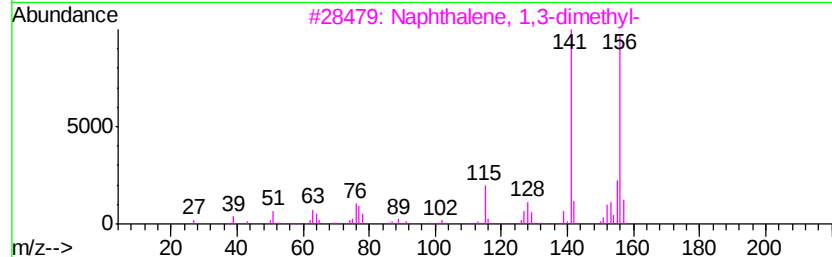
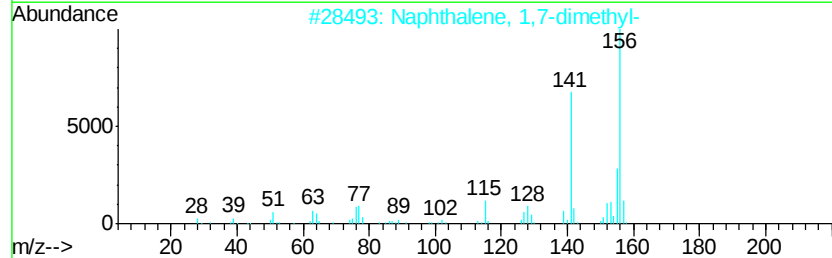
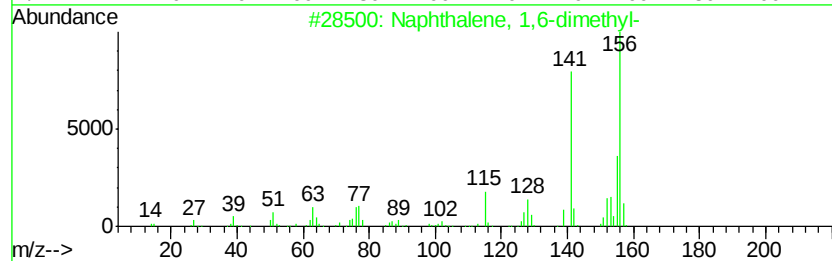
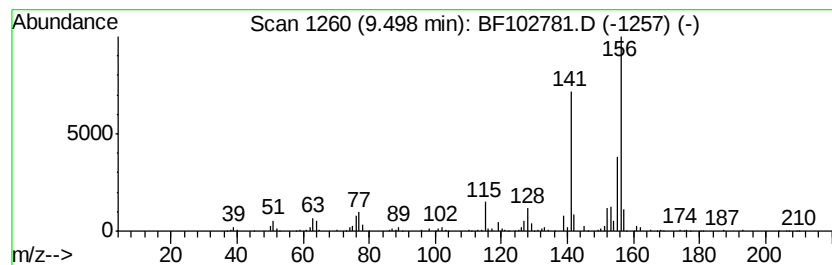
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	10.46 ng	764554	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
3		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
4		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 96
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102781.D
Acq On : 6 Feb 2018 13:57
Operator : SJ/JU
Sample : J1454-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
8-SAN-9-WW(4-6)

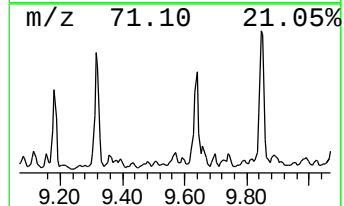
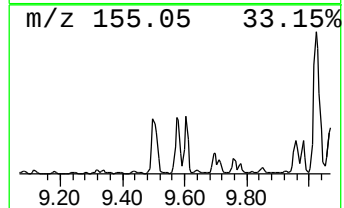
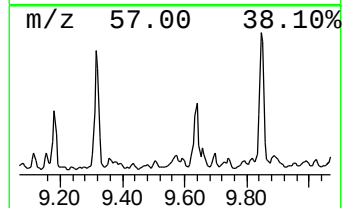
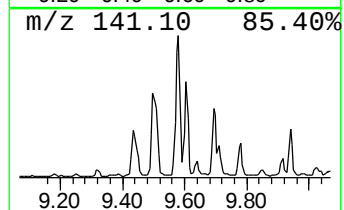
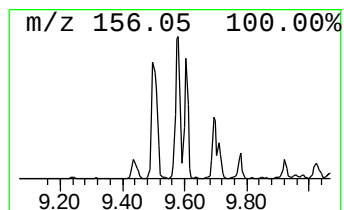
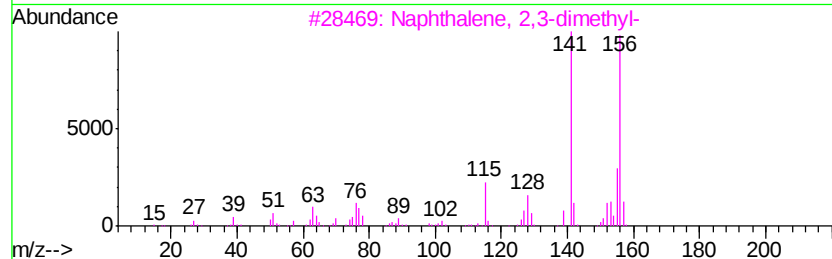
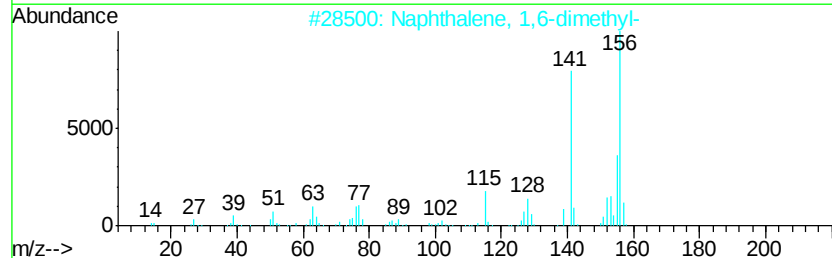
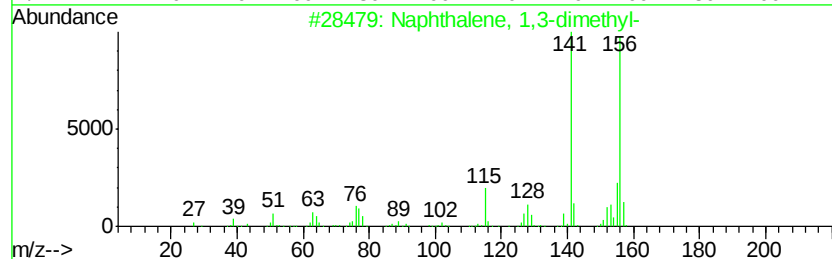
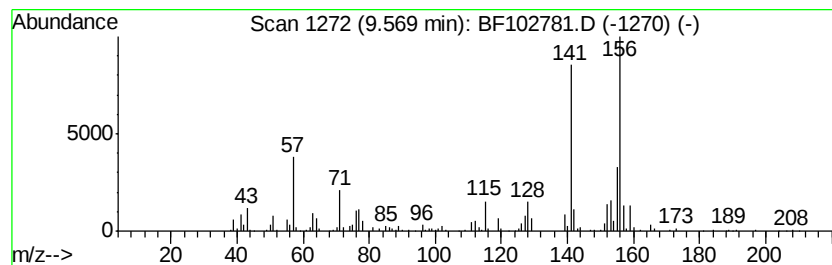
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	14.61 ng	1068160	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102781.D
Acq On : 6 Feb 2018 13:57
Operator : SJ/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
8-SAN-9-WW(4-6)

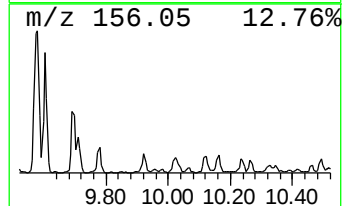
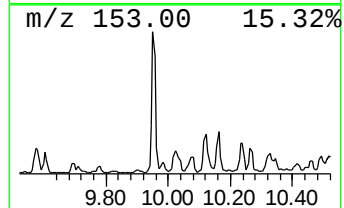
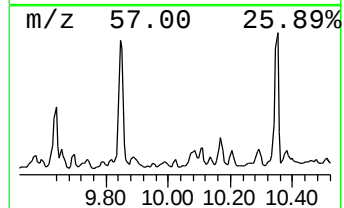
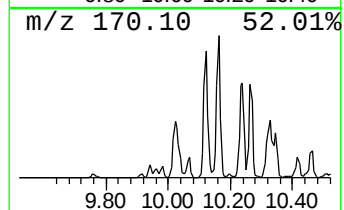
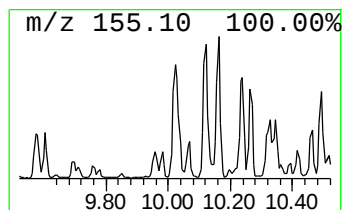
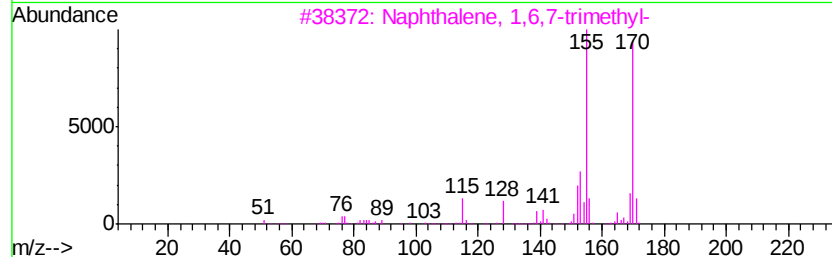
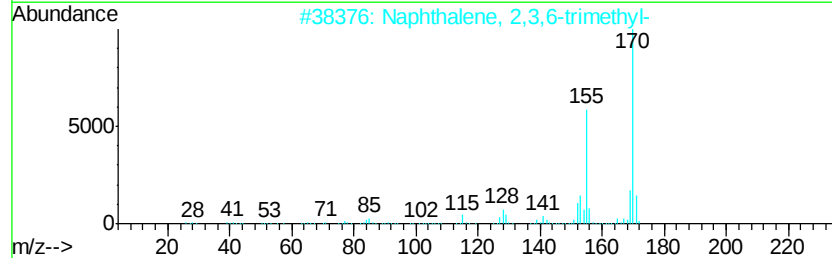
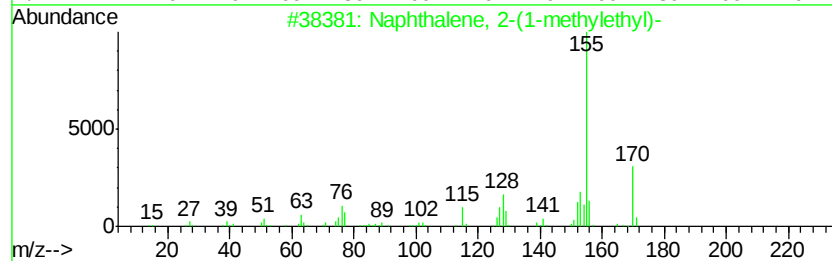
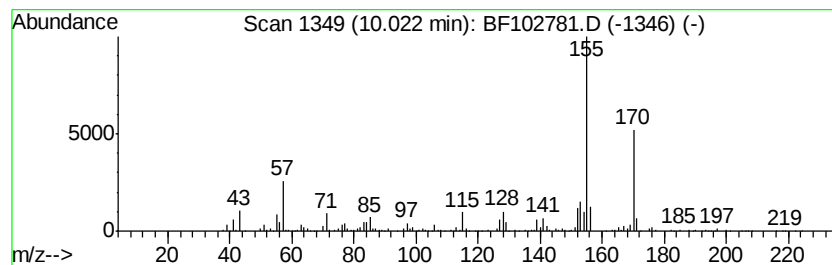
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 2-(1-methyleth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	9.04 ng	660952	Acenaphthene-d10	9.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
4			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	74
5			Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
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ALS Vial : 11 Sample Multiplier: 1

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8-SAN-9-WW(4-6)

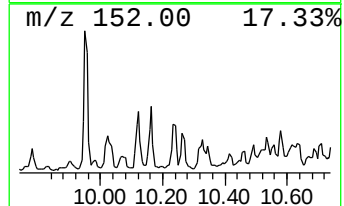
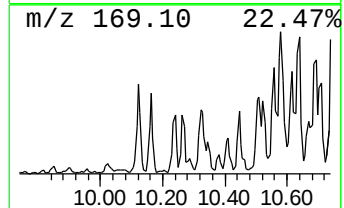
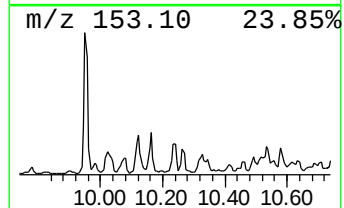
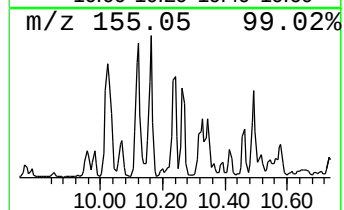
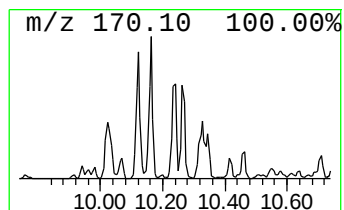
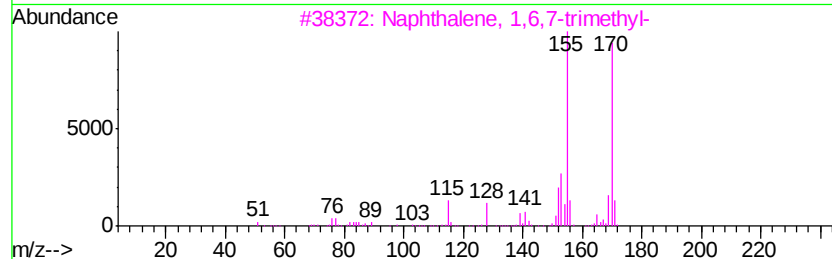
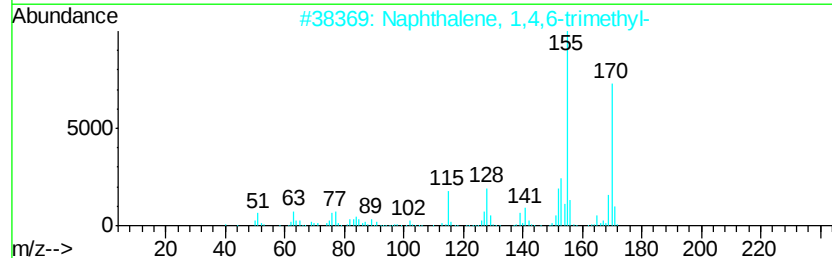
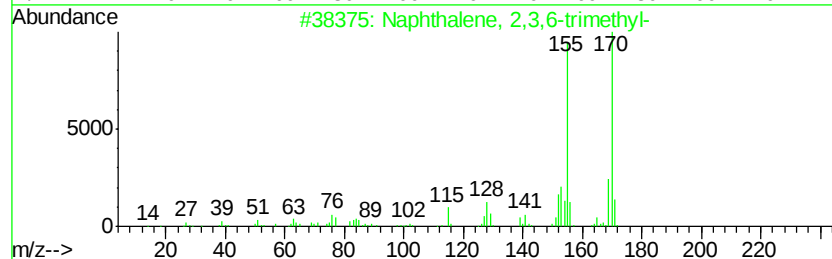
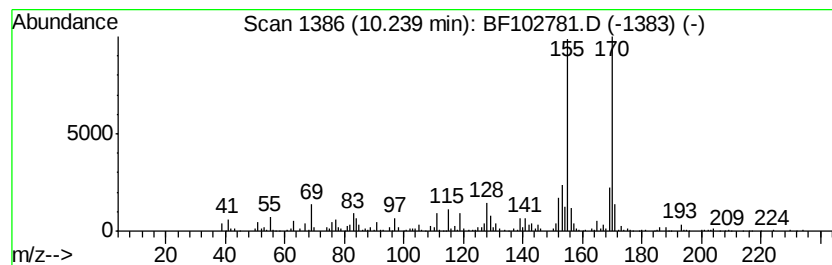
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	9.09 ng	664592	Acenaphthene-d10	9.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
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ClientSampleId :
8-SAN-9-WW(4-6)

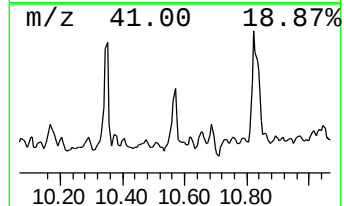
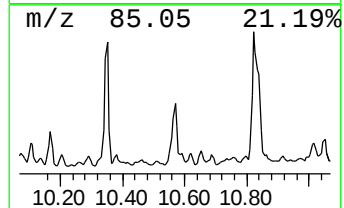
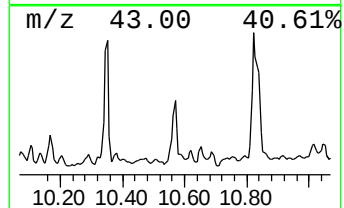
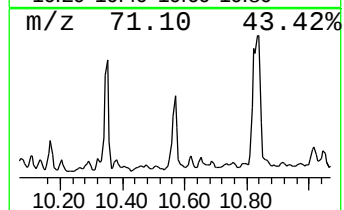
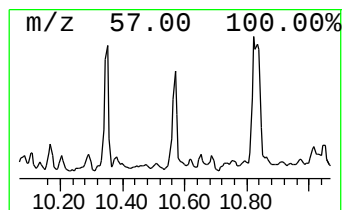
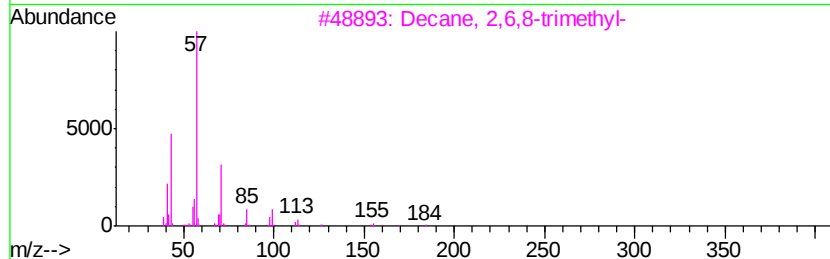
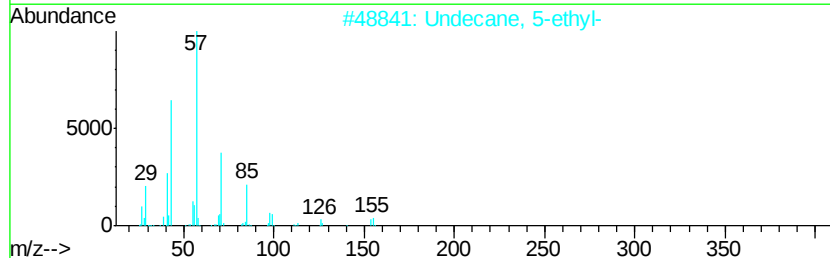
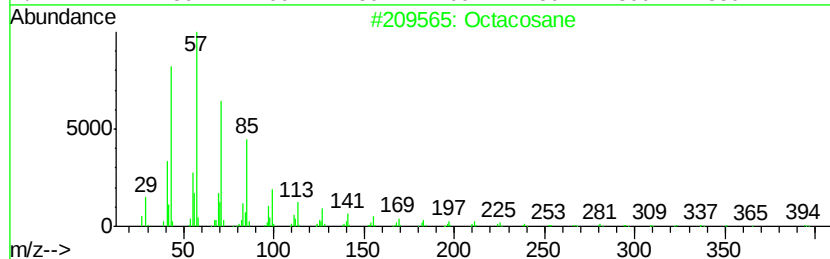
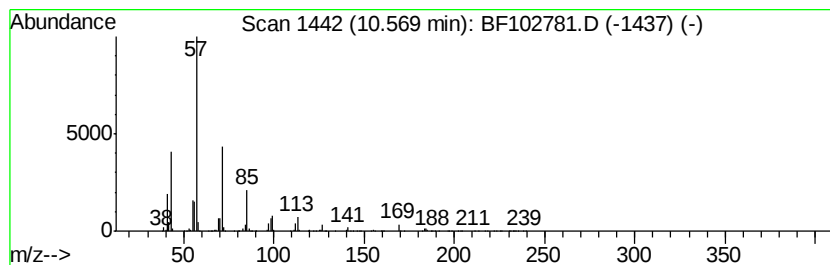
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	30.52 ng	2231700	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	72
2		Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
3		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
5		Heptacosane	380	C27H56	000593-49-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102781.D
Acq On : 6 Feb 2018 13:57
Operator : SJ/JU
Sample : J1454-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-9-WW(4-6)

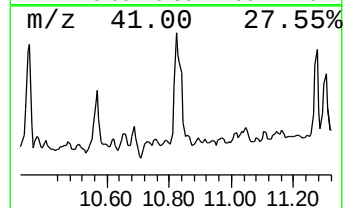
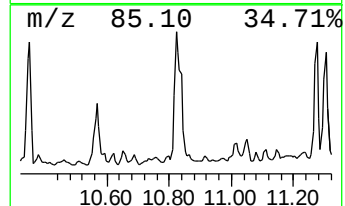
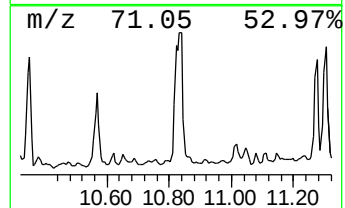
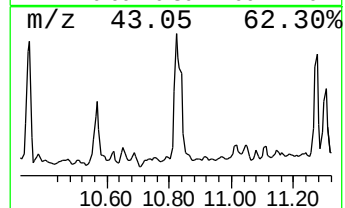
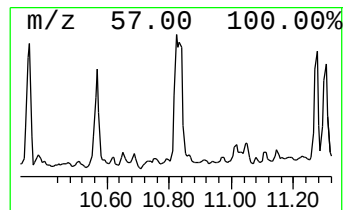
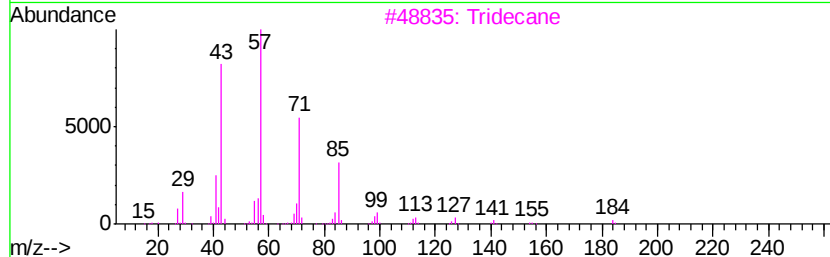
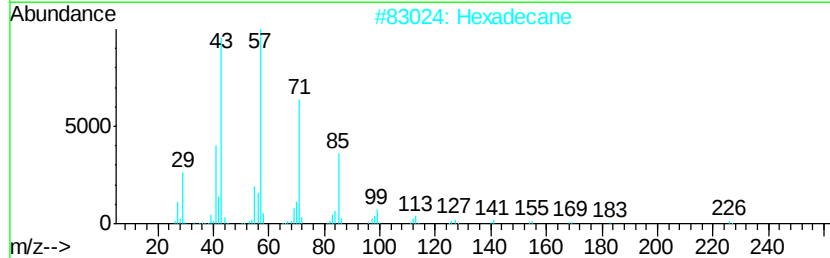
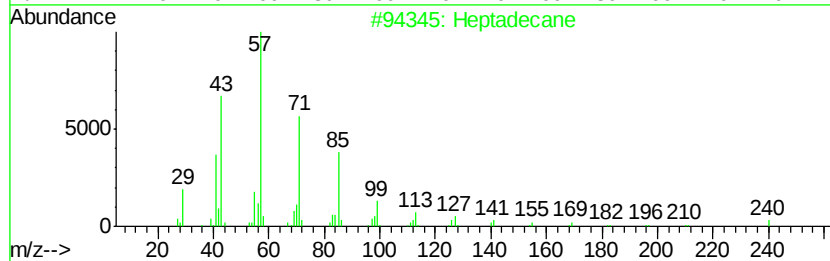
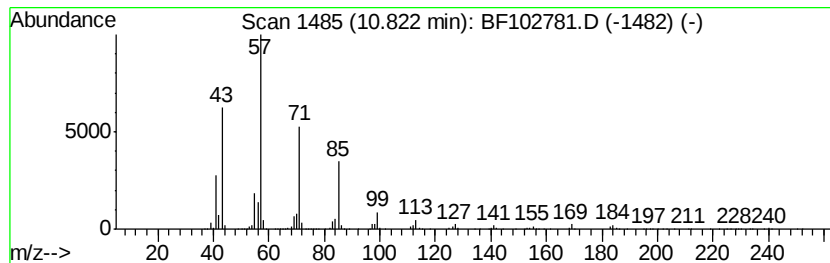
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	37.33 ng	2572470	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	95
2	Hexadecane		226	C16H34	000544-76-3	93
3	Tridecane		184	C13H28	000629-50-5	91
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	90
5	Tridecane, 5-propyl-		226	C16H34	055045-11-9	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102781.D
Acq On : 6 Feb 2018 13:57
Operator : SJ/JU
Sample : J1454-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-9-WW(4-6)

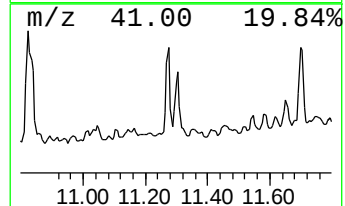
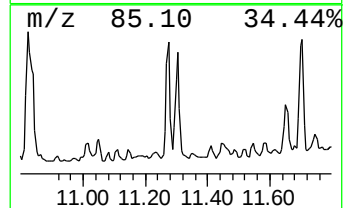
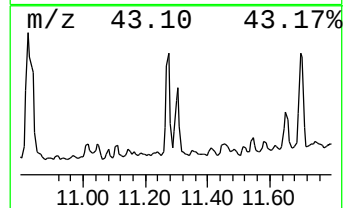
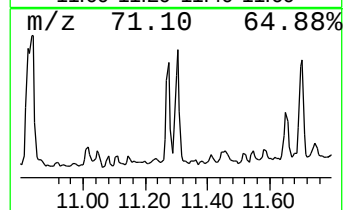
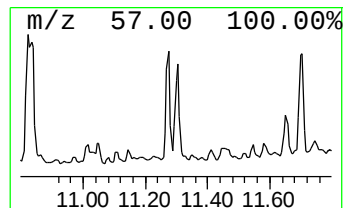
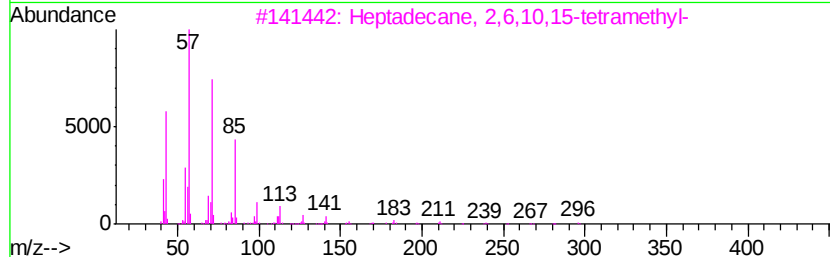
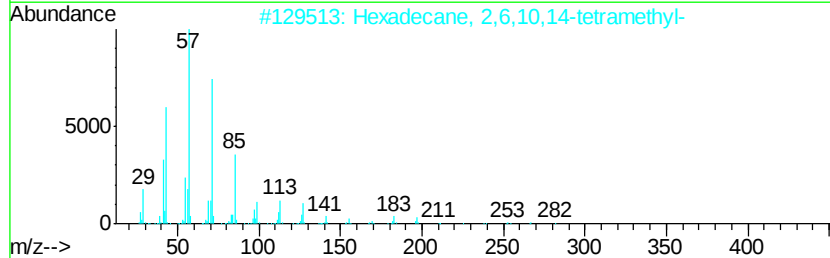
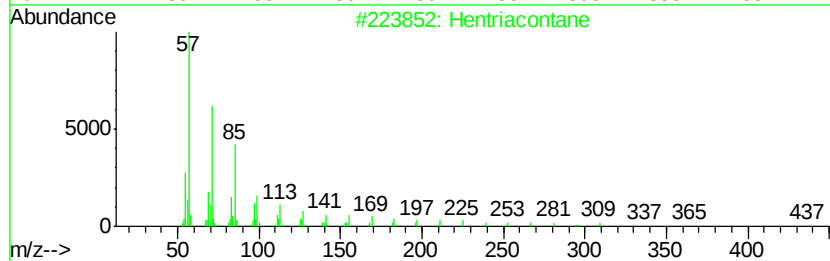
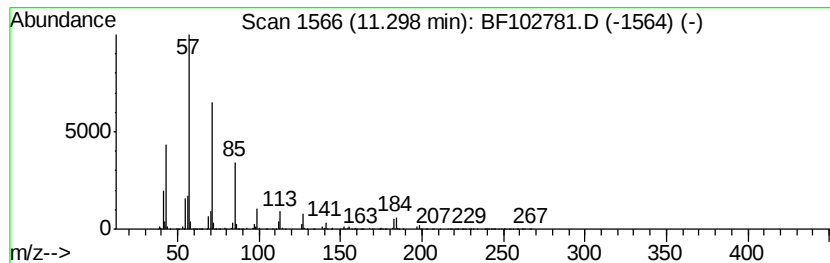
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	34.95 ng	2408240	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	86
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4		Tridecane	184	C13H28	000629-50-5	80
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102781.D
Acq On : 6 Feb 2018 13:57
Operator : SJ/JU
Sample : J1454-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-9-WW(4-6)

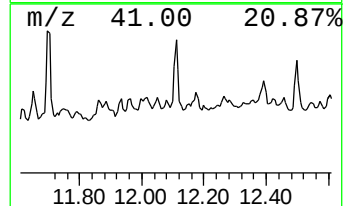
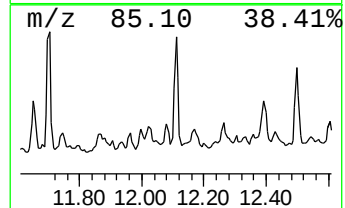
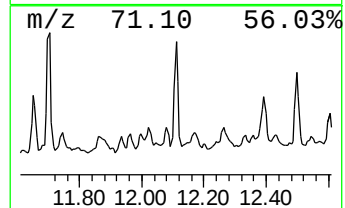
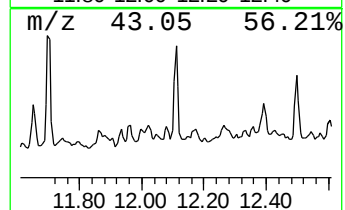
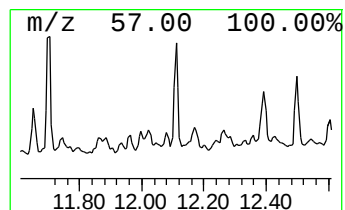
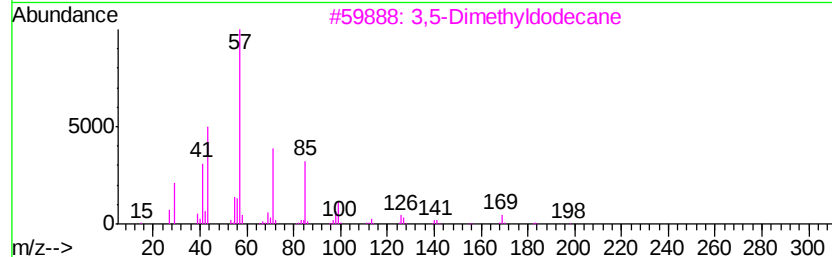
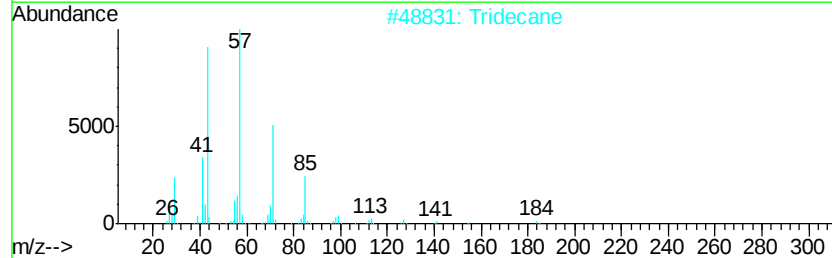
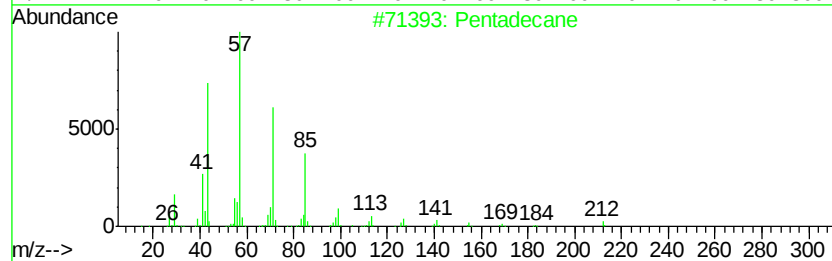
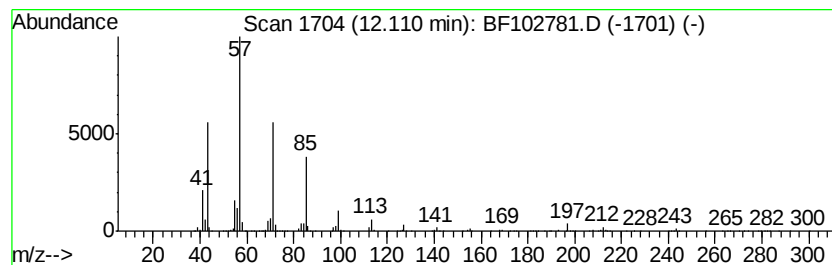
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	23.35 ng	1608880	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	87
2		Tridecane	184	C13H28	000629-50-5	87
3		3,5-Dimethyldodecane	198	C14H30	107770-99-0	68
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102781.D
Acq On : 6 Feb 2018 13:57
Operator : SJ/JU
Sample : J1454-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-9-WW(4-6)

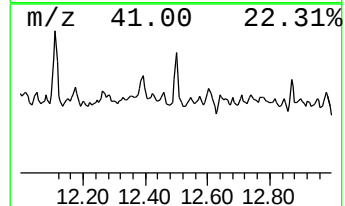
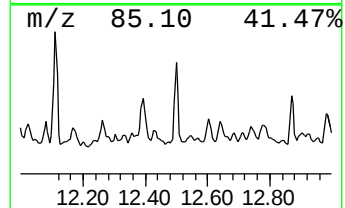
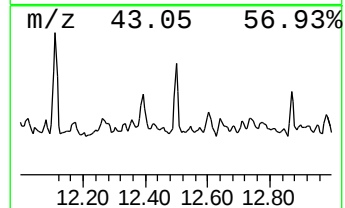
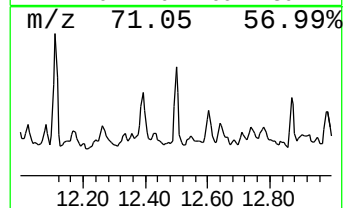
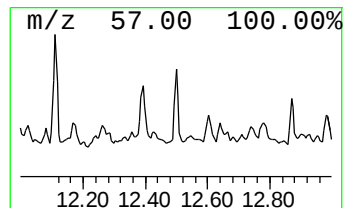
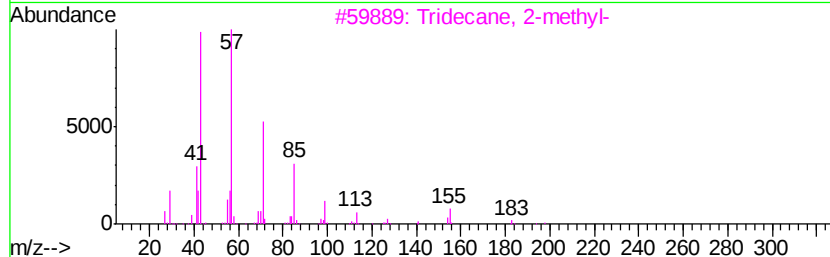
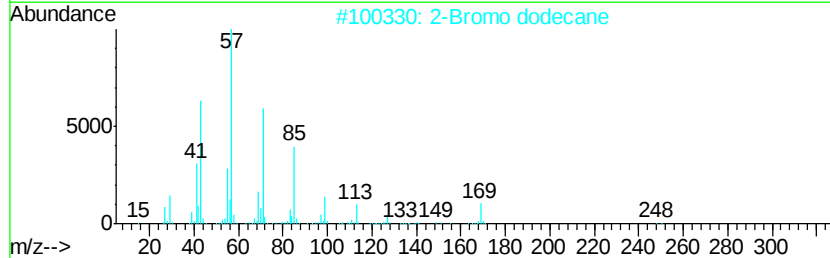
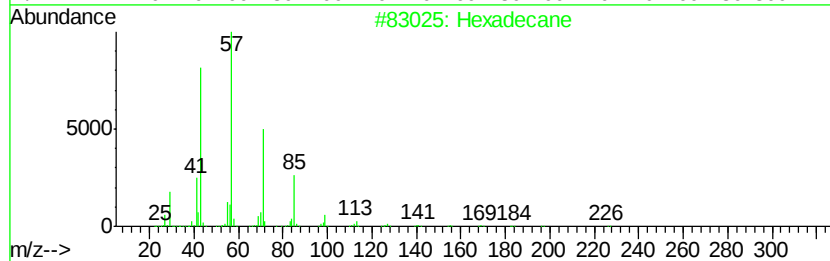
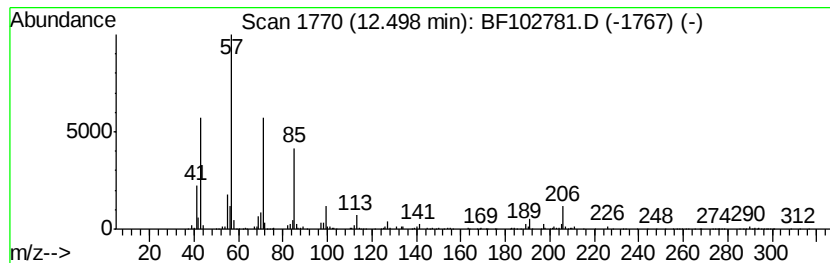
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	17.68 ng	1218450	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	86
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5		Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102781.D
Acq On : 6 Feb 2018 13:57
Operator : SJ/JU
Sample : J1454-13
Misc :
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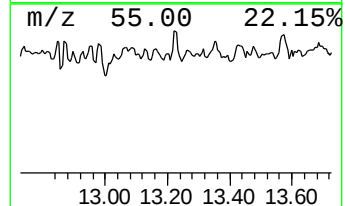
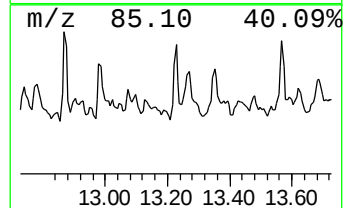
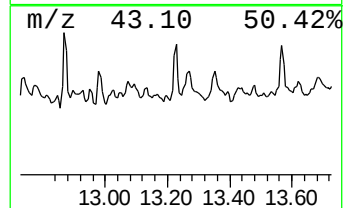
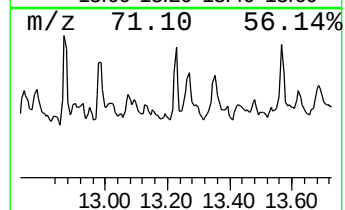
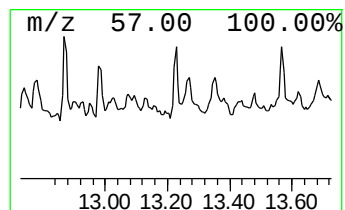
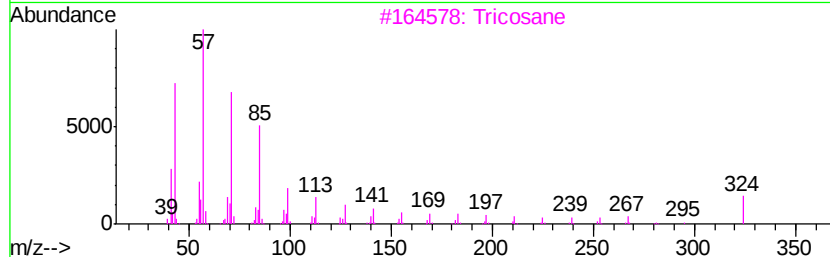
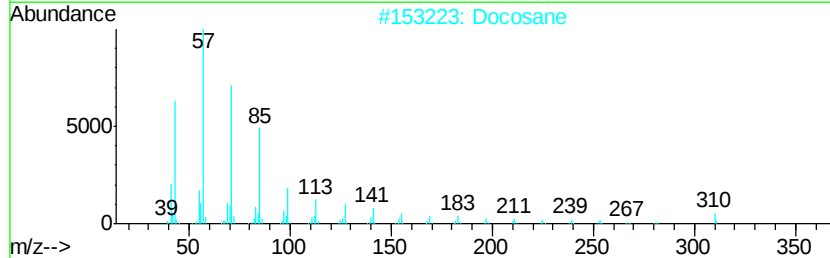
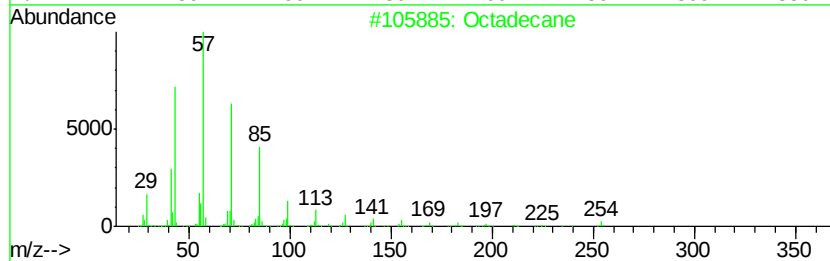
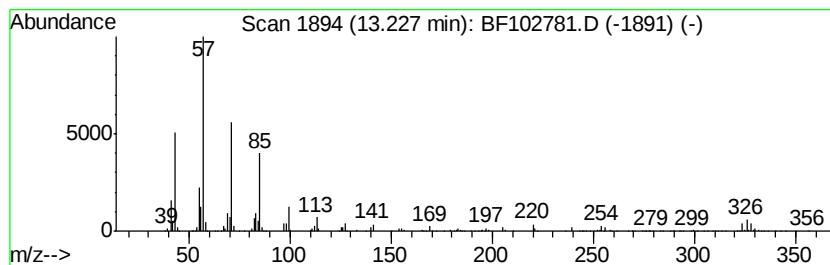
Instrument :
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ClientSampleId :
8-SAN-9-WW(4-6)

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 20 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	20.00 ng	673553	Chrysene-d12	14.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane	254 C18H38	000593-45-3	91
2	Docosane	310 C22H46	000629-97-0	90
3	Tricosane	324 C23H48	000638-67-5	87
4	Heptacosane	380 C27H56	000593-49-7	81
5	Hexadecane	226 C16H34	000544-76-3	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
 Data File : BF102781.D
 Acq On : 6 Feb 2018 13:57
 Operator : SJ/JU
 Sample : J1454-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 8-SAN-9-WW(4-6)

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
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unknown8.46	8.46	10.1	ng	851392	2	8.16	1679680	20.0
Dodecane	8.75	18.4	ng	1549780	2	8.16	1679680	20.0
Dodecane, 2,7,10-...	9.18	13.1	ng	956087	3	9.92	1462290	20.0
Tetradecane	9.32	35.3	ng	2582870	3	9.92	1462290	20.0
Naphthalene, 1,6-...	9.50	10.5	ng	764554	3	9.92	1462290	20.0
Naphthalene, 1,3-...	9.57	14.6	ng	1068160	3	9.92	1462290	20.0
Naphthalene, 2-(1...	10.02	9.0	ng	660952	3	9.92	1462290	20.0
Naphthalene, 2,3,...	10.24	9.1	ng	664592	3	9.92	1462290	20.0
Octacosane	10.57	30.5	ng	2231700	3	9.92	1462290	20.0
Heptadecane	10.82	37.3	ng	2572470	4	11.41	1378150	20.0
Hentriacontane	11.30	35.0	ng	2408240	4	11.41	1378150	20.0
Pentadecane	12.11	23.4	ng	1608880	4	11.41	1378150	20.0
Hexadecane	12.50	17.7	ng	1218450	4	11.41	1378150	20.0
Octadecane	13.23	20.0	ng	673553	5	14.06	673553	20.0