

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081718\
 Data File : BF108270.D
 Acq On : 18 Aug 2018 4:09
 Operator : JU/SJ
 Sample : J4511-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081418-ESW-15NSC-025

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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	3.660	223	225	237	rBV	30044	67287	1.62%	0.105%
2	5.260	493	497	511	rVB	222411	275263	6.62%	0.429%
3	5.648	558	563	566	rBV	3748233	3568089	85.78%	5.564%
4	6.642	726	732	738	rBV	3565673	3939951	94.72%	6.143%
5	6.789	752	757	760	rBV	4148599	3800542	91.37%	5.926%
6	6.836	762	765	769	rVB	193044	156500	3.76%	0.244%
7	7.013	792	795	799	rVB	1209234	1062380	25.54%	1.657%
8	7.172	818	822	826	rVB	3339340	2981565	71.68%	4.649%
9	7.278	834	840	842	rBV4	64120	83632	2.01%	0.130%
10	7.331	846	849	855	rVB2	61767	82171	1.98%	0.128%
11	7.542	880	885	887	rBV3	81370	113023	2.72%	0.176%
12	7.578	887	891	898	rVV	2676099	2816507	67.71%	4.392%
13	7.654	898	904	907	rVB4	53531	95816	2.30%	0.149%
14	7.701	907	912	916	rBV4	42089	66640	1.60%	0.104%
15	7.819	930	932	939	rVB2	57624	66160	1.59%	0.103%
16	7.936	949	952	954	rBV2	68643	60147	1.45%	0.094%
17	8.031	965	968	970	rBV	98657	82767	1.99%	0.129%
18	8.260	1004	1007	1009	rBV	405873	284547	6.84%	0.444%
19	8.301	1009	1014	1016	rVV	1428738	1266792	30.46%	1.975%
20	8.336	1018	1020	1023	rVB	289223	240769	5.79%	0.375%
21	8.378	1023	1027	1032	rVB5	81791	102512	2.46%	0.160%
22	8.436	1032	1037	1039	rBV2	40207	60283	1.45%	0.094%
23	8.495	1045	1047	1052	rVB2	82029	80853	1.94%	0.126%
24	8.542	1052	1055	1058	rBV3	38092	52246	1.26%	0.081%
25	8.578	1058	1061	1066	rBV5	171396	199192	4.79%	0.311%
26	8.619	1066	1068	1072	rBV3	67655	88930	2.14%	0.139%
27	8.701	1079	1082	1084	rVB	328171	252703	6.08%	0.394%
28	8.730	1084	1087	1090	rBV2	85066	77212	1.86%	0.120%
29	8.801	1096	1099	1101	rBV2	93908	100560	2.42%	0.157%
30	8.830	1101	1104	1106	rVV2	104362	107809	2.59%	0.168%
31	8.872	1106	1111	1115	rVV	724293	691497	16.62%	1.078%
32	8.919	1115	1119	1121	rVV4	104205	167358	4.02%	0.261%
33	8.966	1124	1127	1132	rVV2	174267	201637	4.85%	0.314%
34	9.013	1132	1135	1137	rVV	139763	115999	2.79%	0.181%

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35	9.066	1141	1144	1146	rVV2	87435	94007	2.26%	0.147%
36	9.113	1150	1152	1154	rVV	125382	106418	2.56%	0.166%
37	9.154	1157	1159	1161	rVV2	106224	101893	2.45%	0.159%
38	9.195	1164	1166	1169	rVB3	158453	168828	4.06%	0.263%
39	9.236	1169	1173	1177	rBV	181994	180343	4.34%	0.281%
40	9.277	1177	1180	1182	rBV	133303	127536	3.07%	0.199%
41	9.301	1182	1184	1187	rVV	521635	400626	9.63%	0.625%
42	9.372	1191	1196	1200	rBV	4471004	4159427	100.00%	6.486%
43	9.436	1204	1207	1212	rVV	1032684	990463	23.81%	1.544%
44	9.477	1212	1214	1216	rVV2	141308	136124	3.27%	0.212%
45	9.519	1219	1221	1223	rVB2	85746	66164	1.59%	0.103%
46	9.642	1237	1242	1245	rBV2	175231	307681	7.40%	0.480%
47	9.713	1252	1254	1257	rVB	221081	204331	4.91%	0.319%
48	9.760	1257	1262	1269	rVB4	1245688	1428846	34.35%	2.228%
49	9.819	1269	1272	1276	rBV2	156729	203331	4.89%	0.317%
50	9.919	1286	1289	1291	rBV2	199489	172801	4.15%	0.269%
51	9.972	1294	1298	1302	rVB	1235375	1101264	26.48%	1.717%
52	10.013	1302	1305	1307	rBV3	129295	142711	3.43%	0.223%
53	10.060	1310	1313	1317	rVV2	1195442	1104168	26.55%	1.722%
54	10.095	1317	1319	1321	rVB	127514	92880	2.23%	0.145%
55	10.154	1326	1329	1334	rBV2	126566	223933	5.38%	0.349%
56	10.201	1334	1337	1340	rVV3	143417	190278	4.57%	0.297%
57	10.230	1340	1342	1344	rVV	182836	140309	3.37%	0.219%
58	10.260	1344	1347	1350	rVV2	289077	282881	6.80%	0.441%
59	10.295	1350	1353	1357	rVV3	346520	478903	11.51%	0.747%
60	10.330	1357	1359	1363	rVB	166854	149958	3.61%	0.234%
61	10.377	1363	1367	1369	rBV	230301	275727	6.63%	0.430%
62	10.407	1369	1372	1377	rVB2	214793	270467	6.50%	0.422%
63	10.472	1380	1383	1386	rVV	1505077	1165331	28.02%	1.817%
64	10.501	1386	1388	1391	rVB	123872	93460	2.25%	0.146%
65	10.607	1403	1406	1408	rBV3	134486	139911	3.36%	0.218%
66	10.689	1416	1420	1423	rBV	913550	1046984	25.17%	1.633%
67	10.713	1423	1424	1427	rVB2	113473	92116	2.21%	0.144%
68	10.748	1427	1430	1432	rBV3	145891	138673	3.33%	0.216%
69	10.777	1432	1435	1439	rVB4	148776	162203	3.90%	0.253%
70	10.813	1439	1441	1445	rVB3	217719	184846	4.44%	0.288%
71	10.854	1445	1448	1451	rBV	2046556	1968234	47.32%	3.069%

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72	10.883	1451	1453	1457	rVB3	133043	120876	2.91%	0.188%
73	10.960	1461	1466	1469	rBV2	1699286	2589829	62.26%	4.038%
74	11.048	1478	1481	1483	rBV2	115791	107373	2.58%	0.167%
75	11.136	1494	1496	1498	rBV3	177525	163595	3.93%	0.255%
76	11.171	1500	1502	1504	rVB	291598	233003	5.60%	0.363%
77	11.230	1510	1512	1516	rVB4	181485	189641	4.56%	0.296%
78	11.271	1517	1519	1521	rBV2	181498	178781	4.30%	0.279%
79	11.395	1537	1540	1543	rBV	1302615	1125414	27.06%	1.755%
80	11.424	1543	1545	1548	rVB	1174870	1094641	26.32%	1.707%
81	11.560	1562	1568	1570	rBV	1178863	1300026	31.25%	2.027%
82	11.583	1570	1572	1575	rVV	1313739	1083445	26.05%	1.689%
83	11.636	1578	1581	1583	rVV	269716	262952	6.32%	0.410%
84	11.671	1585	1587	1591	rVV	292763	284486	6.84%	0.444%
85	11.713	1591	1594	1597	rVV3	257387	294868	7.09%	0.460%
86	11.748	1598	1600	1602	rVV2	189325	177547	4.27%	0.277%
87	11.777	1602	1605	1609	rVV2	582460	754262	18.13%	1.176%
88	11.824	1610	1613	1617	rVB	1354837	1275922	30.68%	1.989%
89	12.060	1651	1653	1656	rBV2	275842	305556	7.35%	0.476%
90	12.089	1656	1658	1661	rVB	444787	389641	9.37%	0.608%
91	12.177	1670	1673	1676	rBV2	461926	511367	12.29%	0.797%
92	12.236	1680	1683	1686	rBV	1211318	1029947	24.76%	1.606%
93	12.518	1729	1731	1734	rVB	630103	563440	13.55%	0.879%
94	12.630	1747	1750	1752	rBV2	874507	749491	18.02%	1.169%
95	12.789	1774	1777	1780	rVB	1689982	1586689	38.15%	2.474%
96	13.001	1811	1813	1815	rBV2	666567	780368	18.76%	1.217%
97	13.018	1815	1816	1821	rVB	1284951	1178354	28.33%	1.837%
98	13.118	1830	1833	1836	rBV3	718800	1059214	25.47%	1.652%
99	13.154	1836	1839	1845	rVB	2761537	3038986	73.06%	4.739%

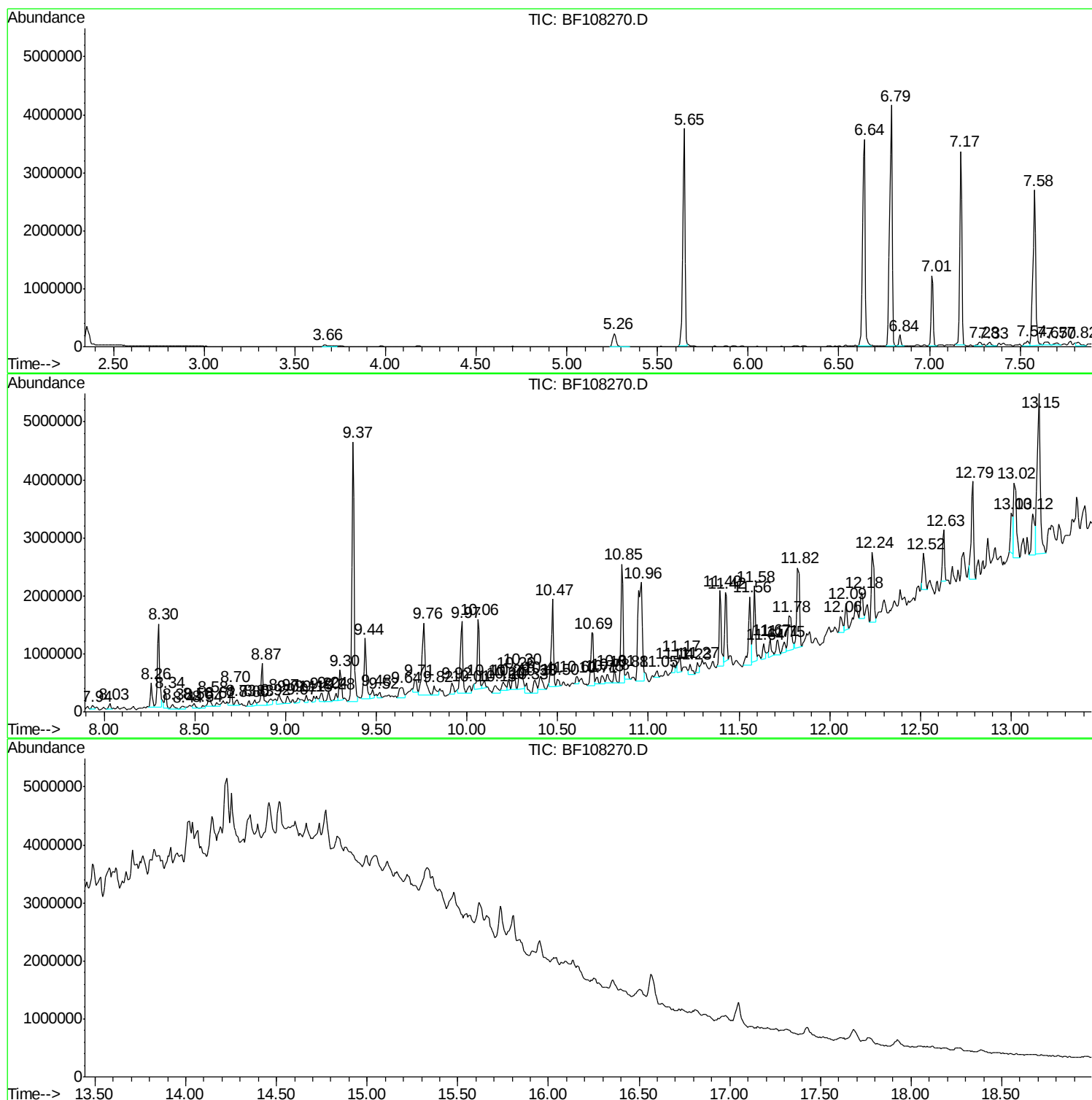
Sum of corrected areas: 64133109

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.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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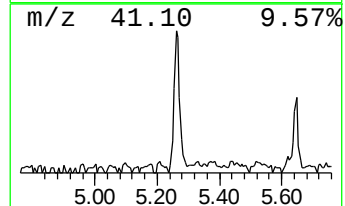
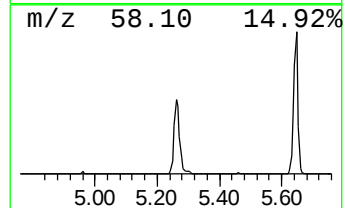
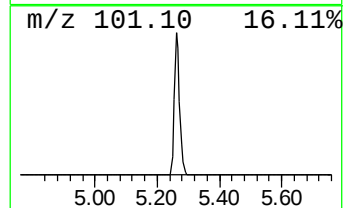
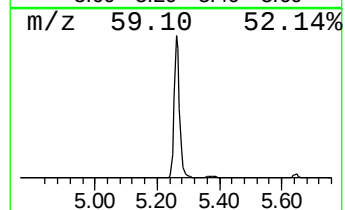
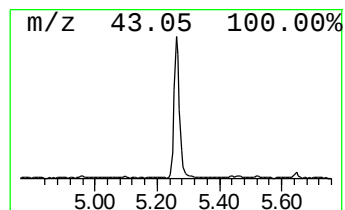
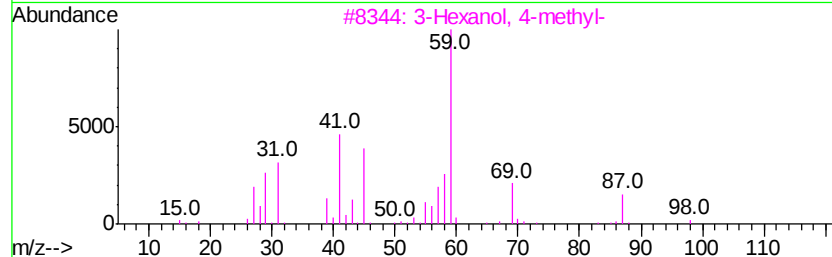
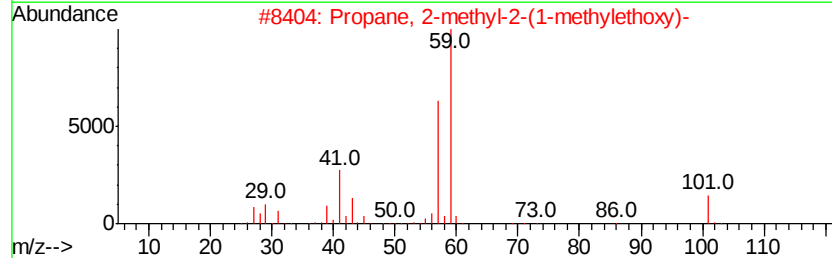
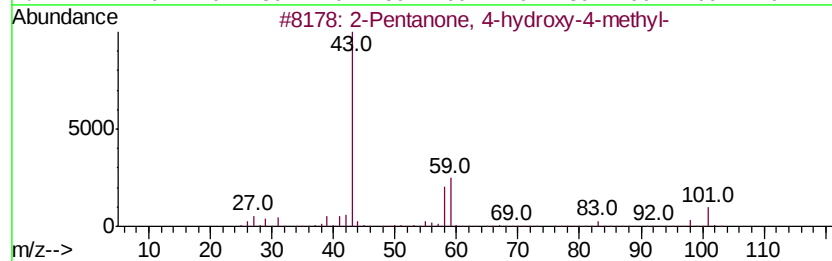
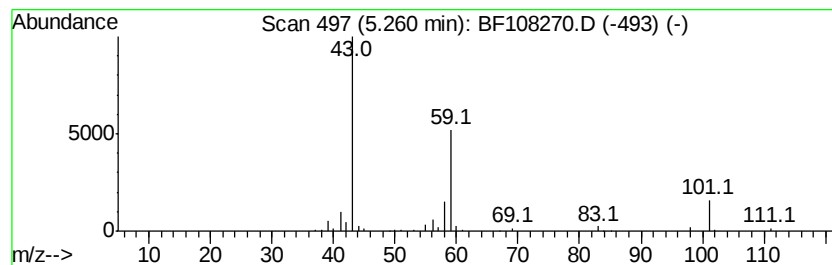
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	5.18 ng	275263	1,4-Dichlorobenzene-d4	7.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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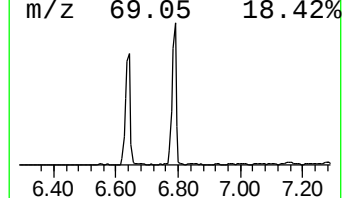
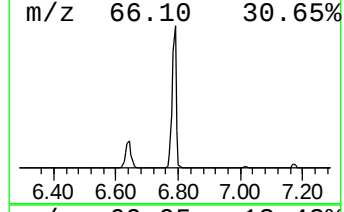
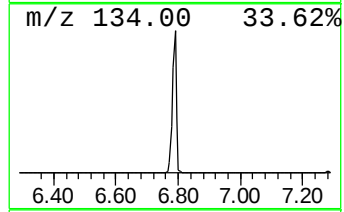
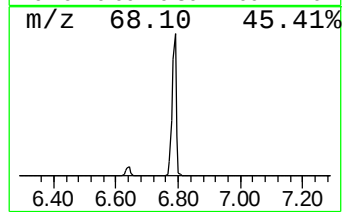
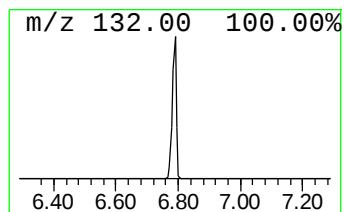
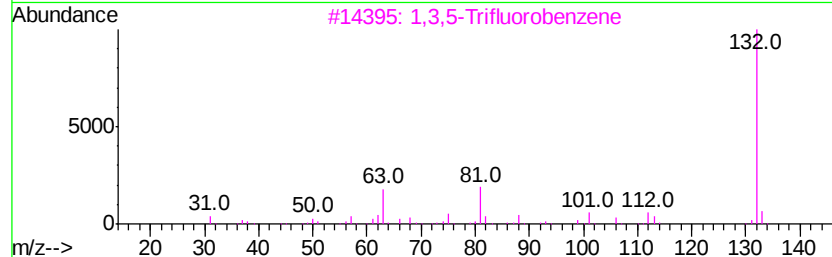
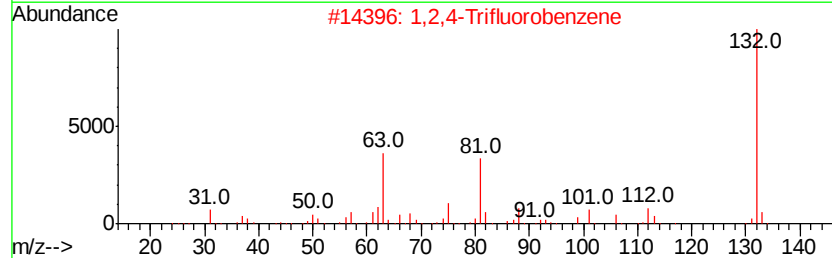
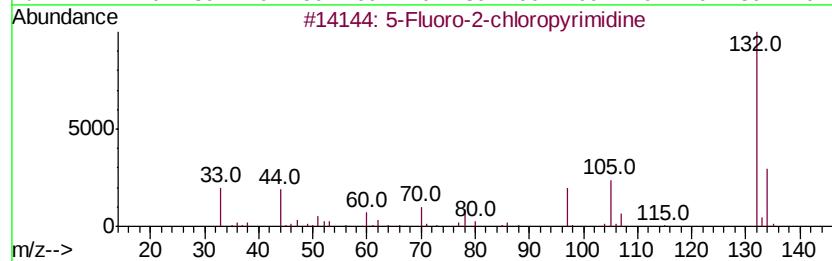
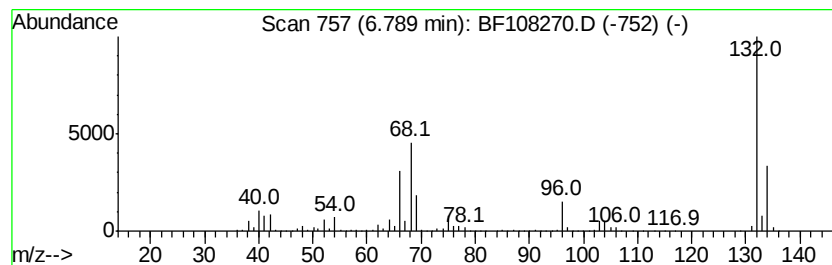
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	71.55 ng	3800540	1,4-Dichlorobenzene-d4	7.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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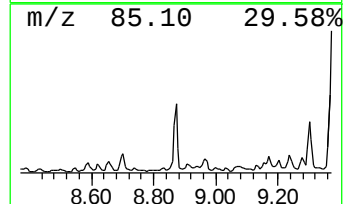
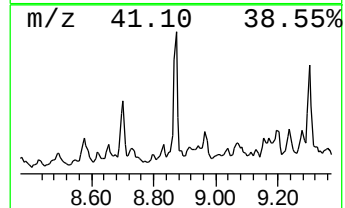
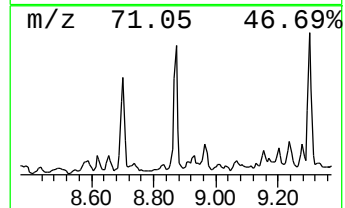
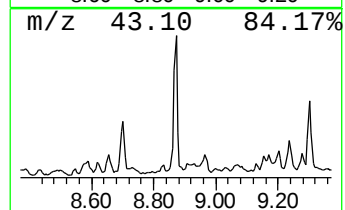
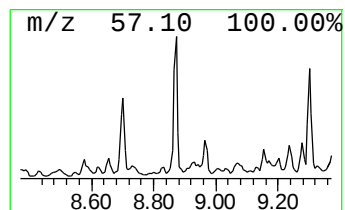
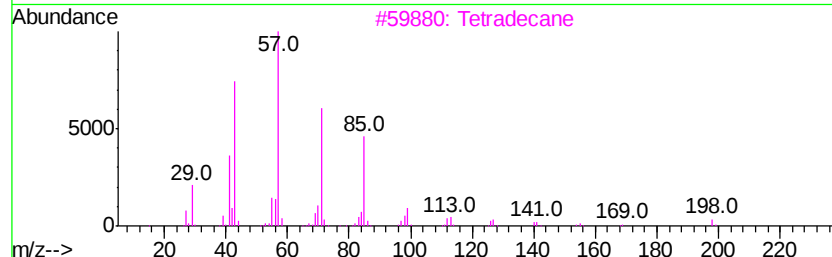
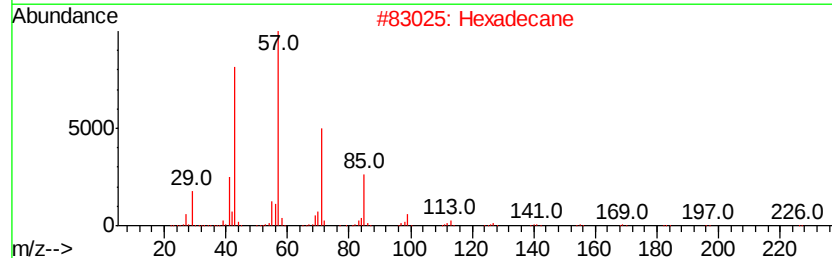
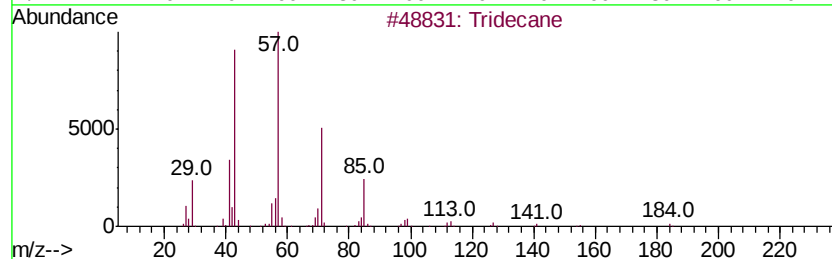
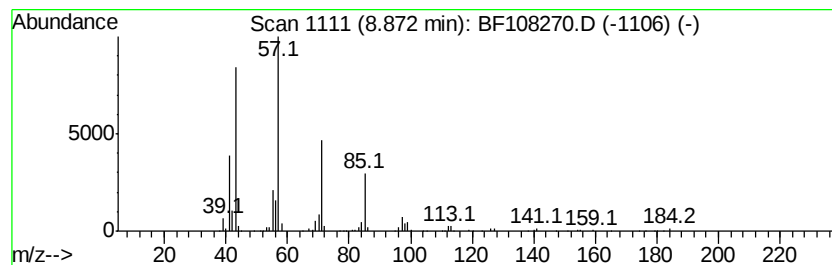
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.87	10.92 ng	691497	Naphthalene-d8	8.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	83
4	Dodecane	170	C12H26	000112-40-3	72
5	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108270.D
Acq On : 18 Aug 2018 4:09
Operator : JU/SJ
Sample : J4511-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

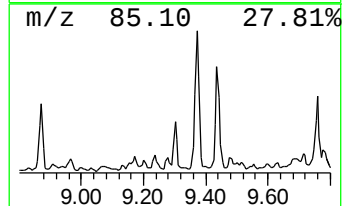
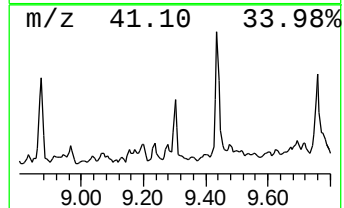
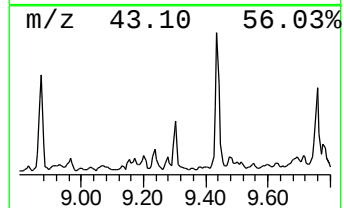
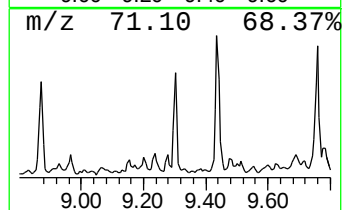
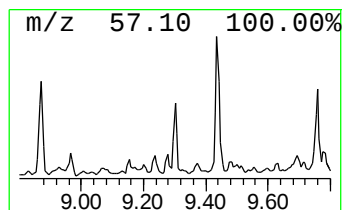
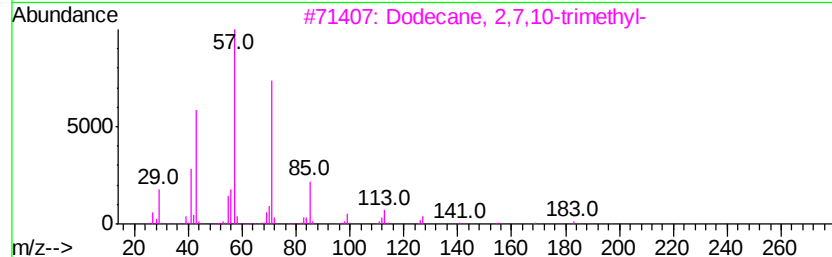
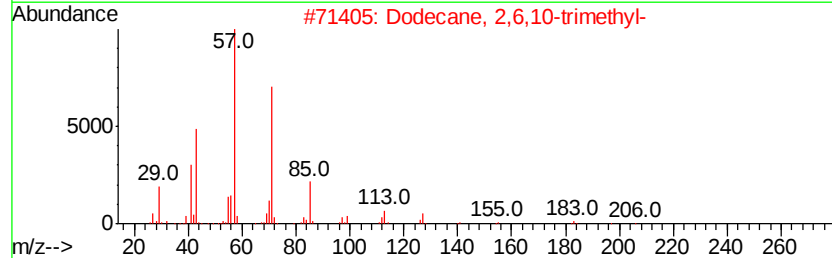
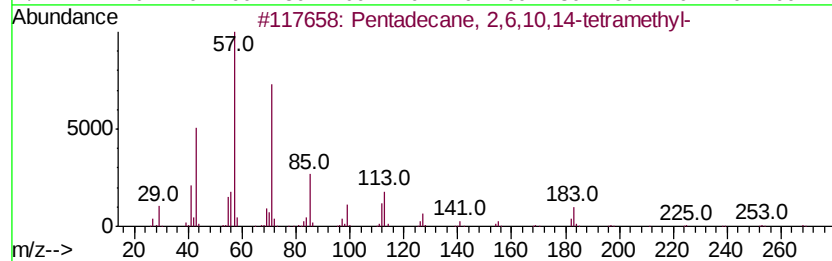
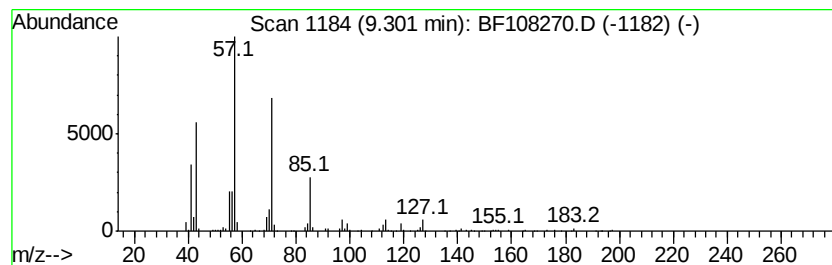
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ClientSampleId :
RA-081418-ESW-15NSC-025

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane, 2,6,10,14-tetr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	7.26 ng	400626	Acenaphthene-d10	10.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecane, 2,6,10,14-tetramethyl-	268 C19H40	001921-70-6 72
2		Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3 72
3		Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0 64
4		Bacchotricuneatin c	342 C20H22O5	066563-30-2 64
5		Nonane, 5-(1-methylpropyl)-	184 C13H28	062185-54-0 53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
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Sample : J4511-03
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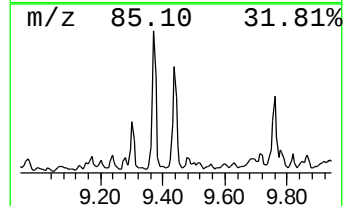
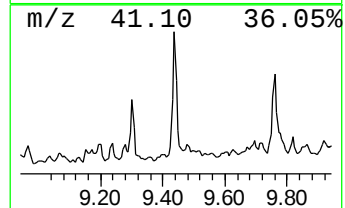
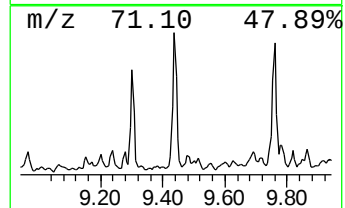
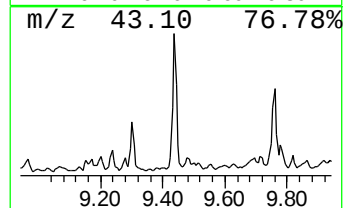
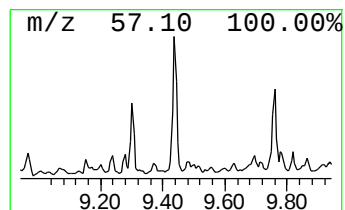
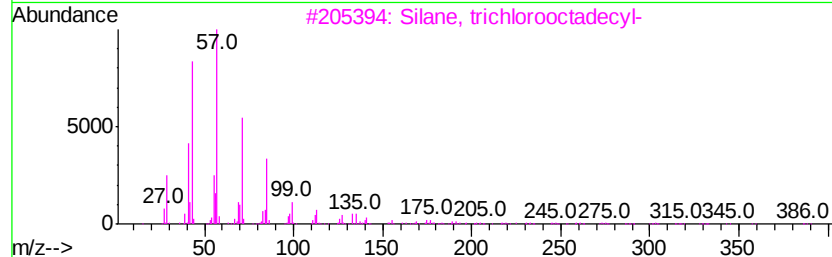
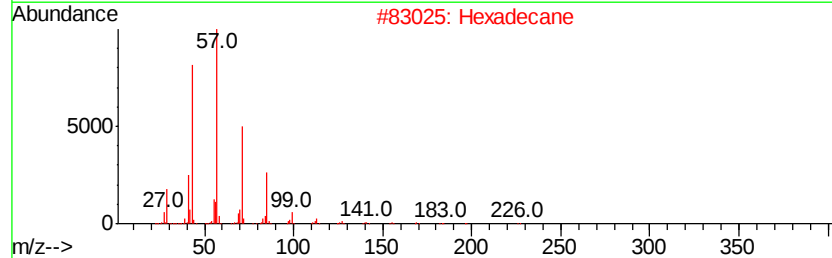
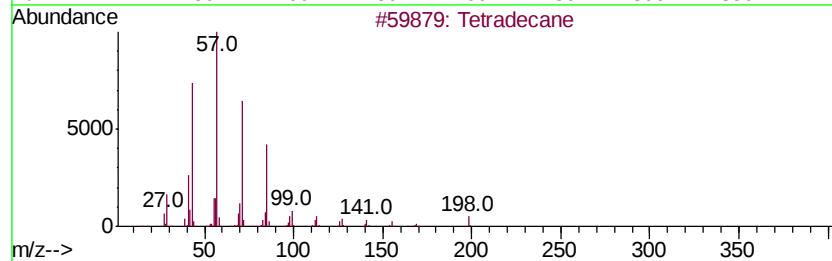
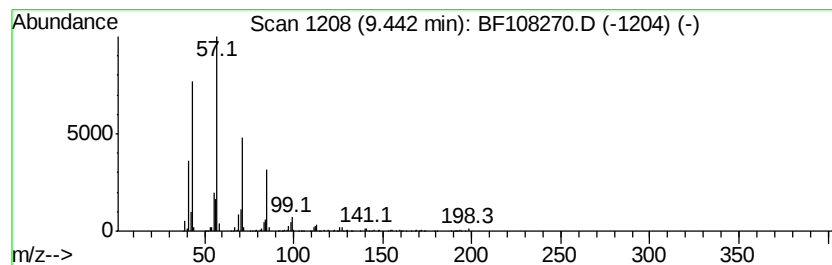
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.44	17.94 ng	990463	Acenaphthene-d10		10.06
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Hexadecane	226	C16H34	000544-76-3	90
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	86
4	Undecane	156	C11H24	001120-21-4	86
5	Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108270.D
Acq On : 18 Aug 2018 4:09
Operator : JU/SJ
Sample : J4511-03
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ClientSampleId :
RA-081418-ESW-15NSC-025

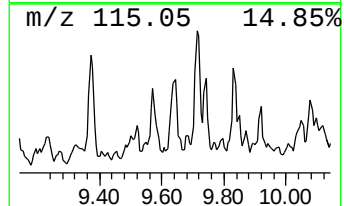
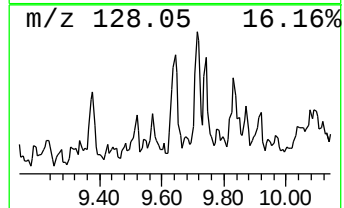
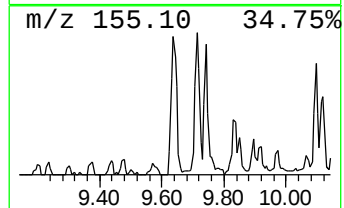
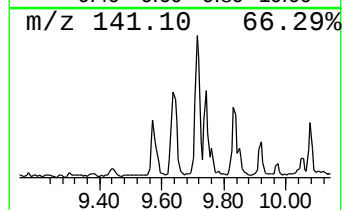
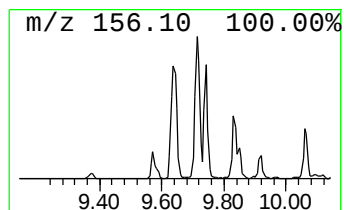
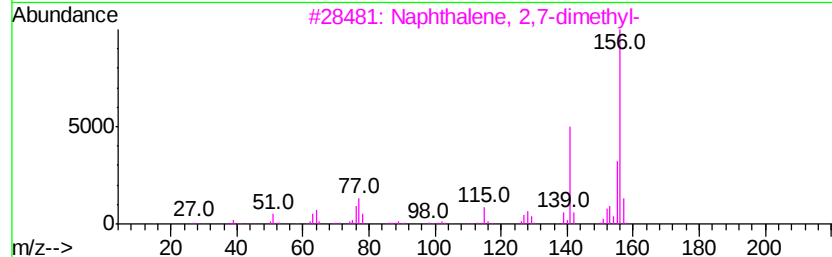
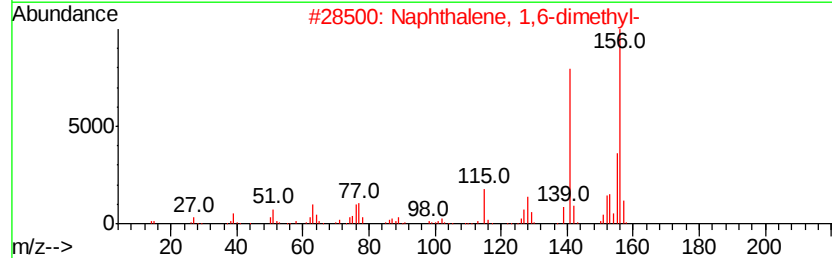
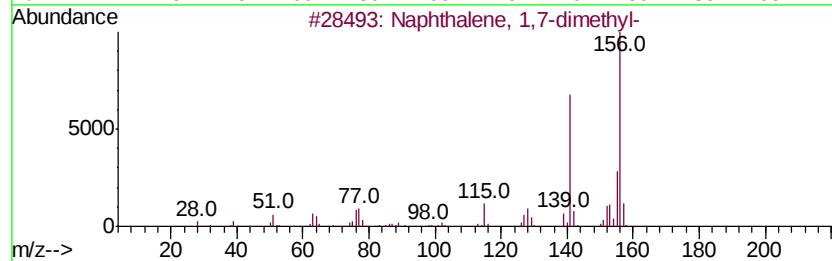
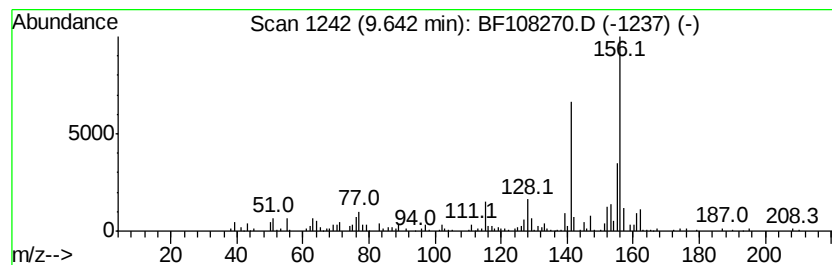
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	5.57 ng	307681	Acenaphthene-d10	10.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
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Sample : J4511-03
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ALS Vial : 38 Sample Multiplier: 1

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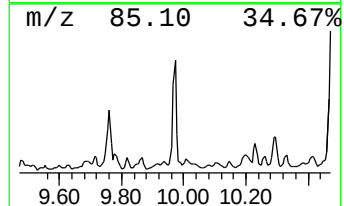
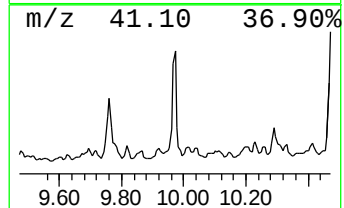
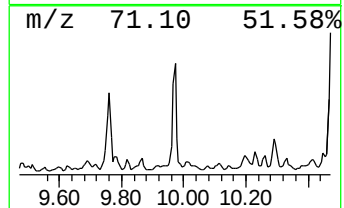
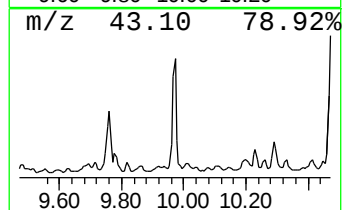
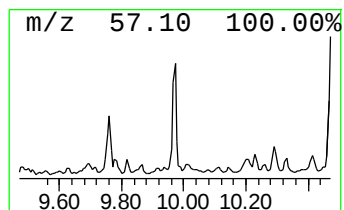
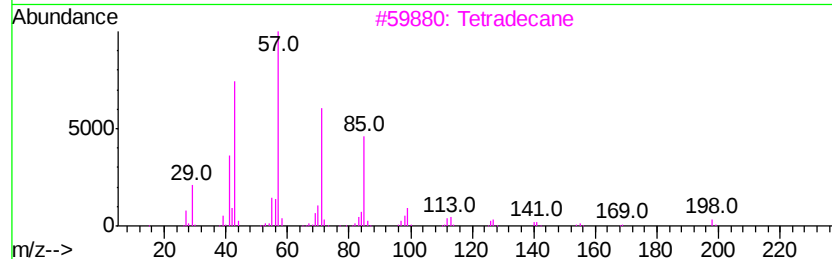
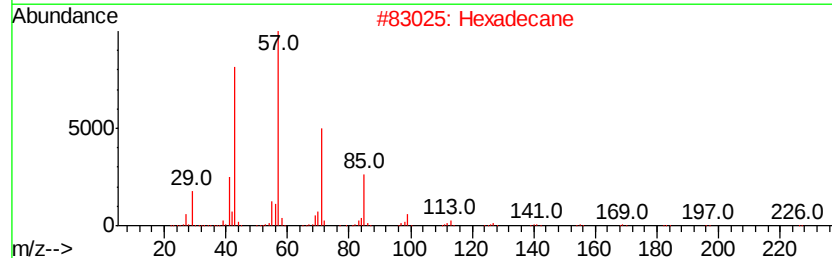
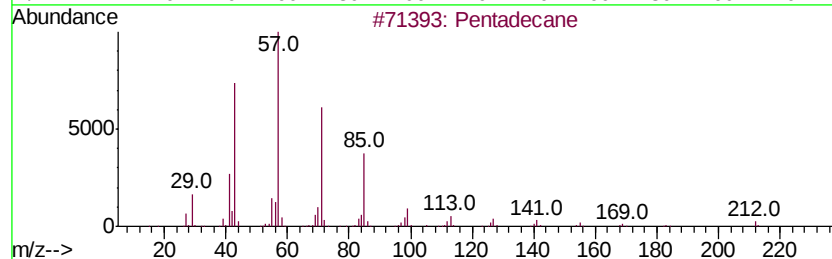
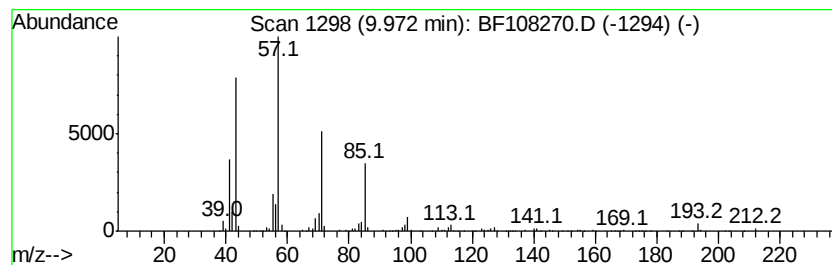
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	19.95 ng	1101260	Acenaphthene-d10	10.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	94
2	Hexadecane		226	C16H34	000544-76-3	91
3	Tetradecane		198	C14H30	000629-59-4	90
4	Octacosane		394	C28H58	000630-02-4	83
5	Tridecane		184	C13H28	000629-50-5	83



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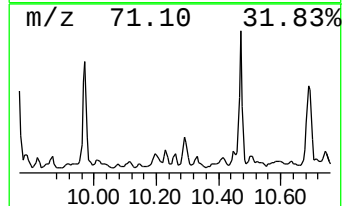
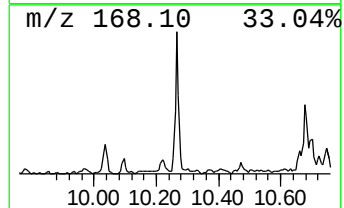
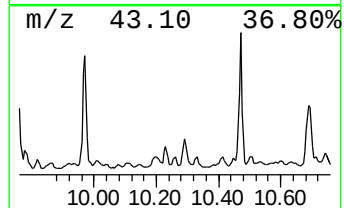
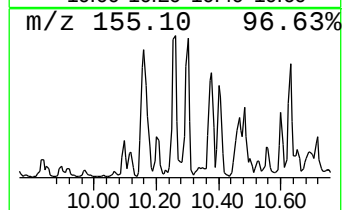
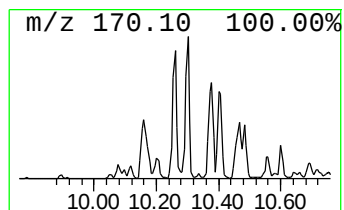
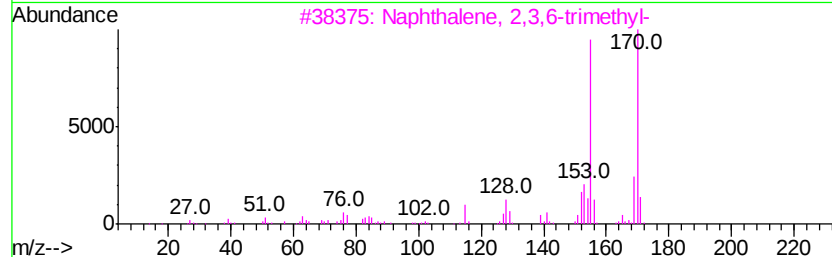
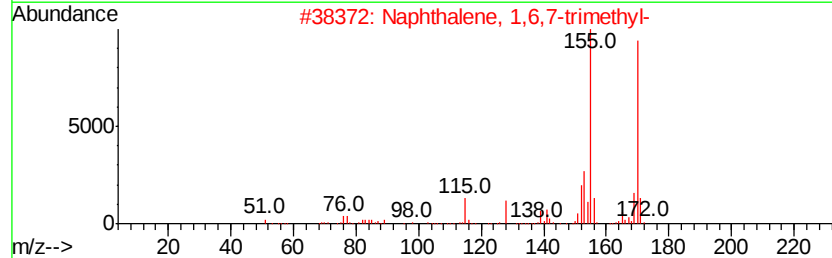
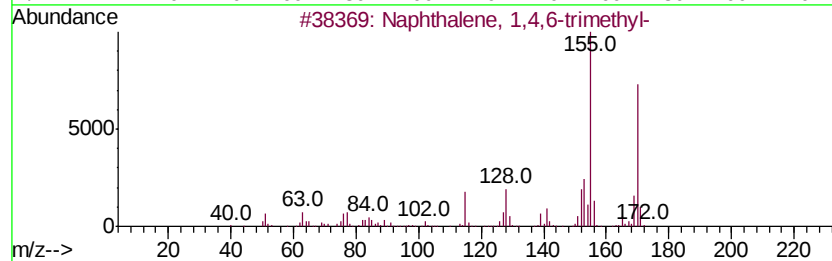
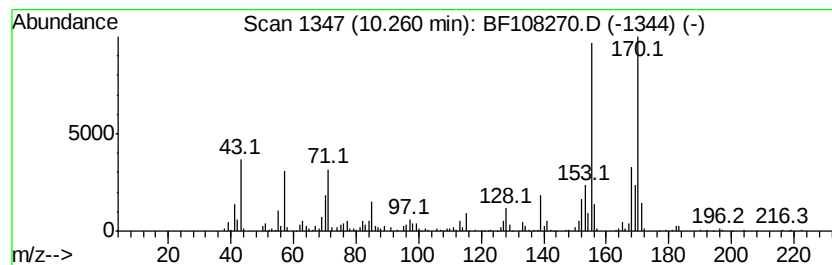
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.		
10.26	5.12 ng	282881	Acenaphthene-d10		10.06		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	81
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
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RA-081418-ESW-15NSC-025

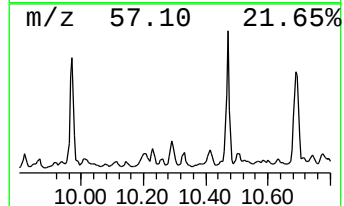
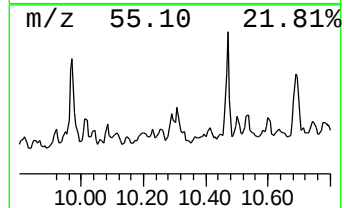
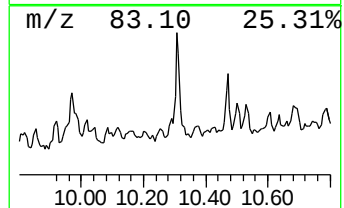
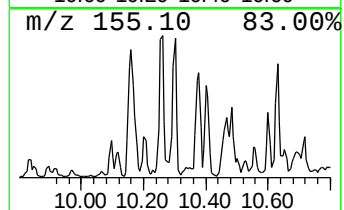
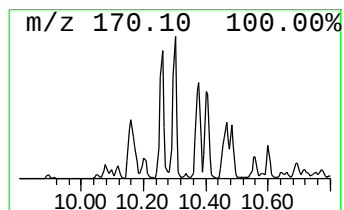
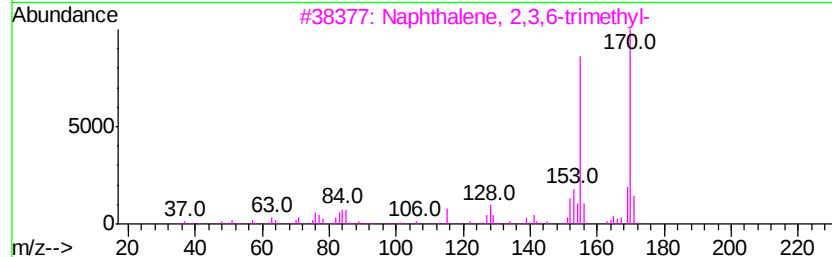
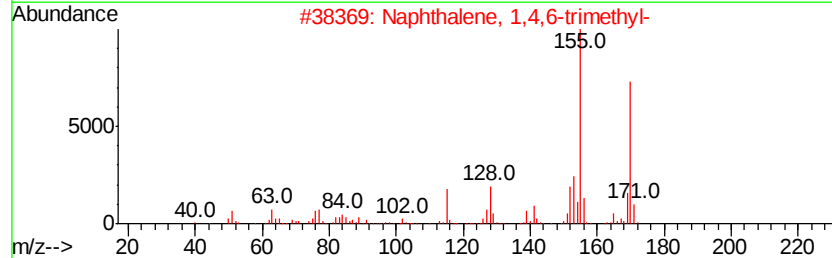
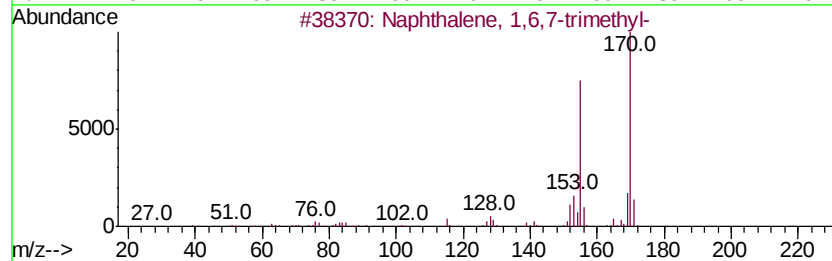
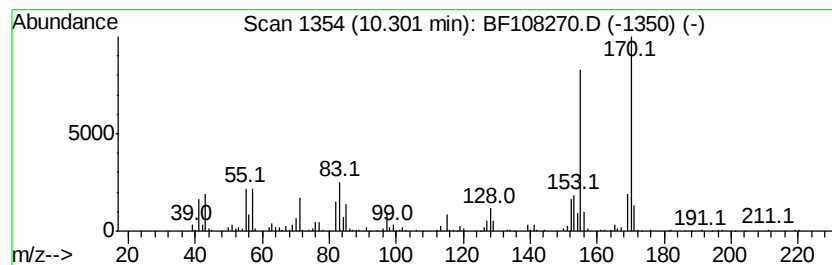
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	8.67 ng	478903	Acenaphthene-d10	10.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	78
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
4		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	60
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
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Sample : J4511-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

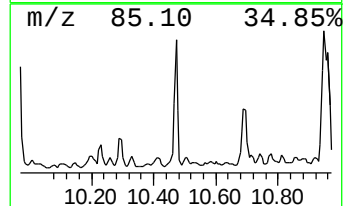
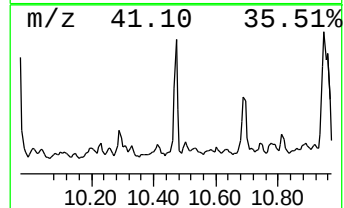
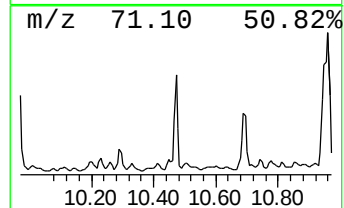
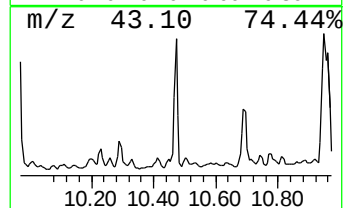
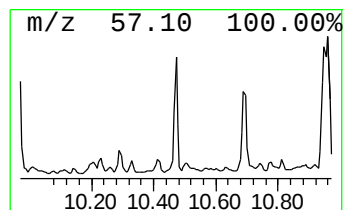
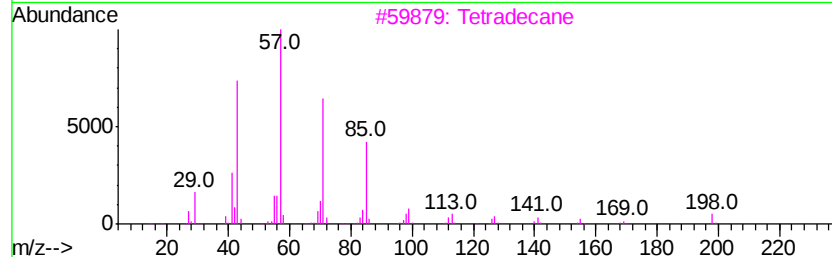
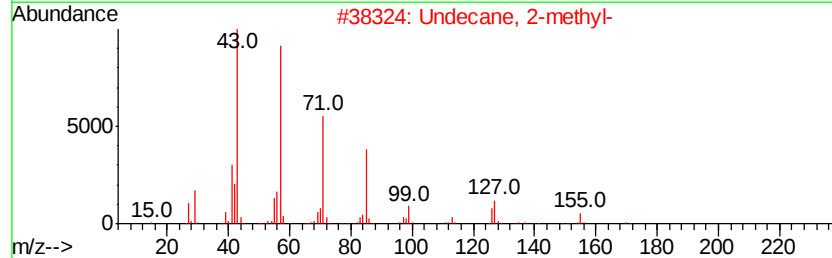
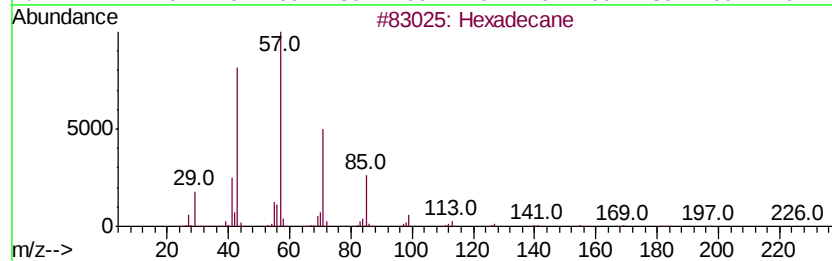
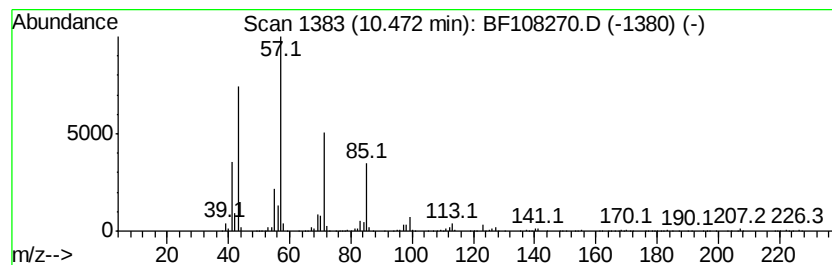
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ClientSampleId :
RA-081418-ESW-15NSC-025

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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 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	21.11 ng	1165330	Acenaphthene-d10	10.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	96
2	Undecane, 2-methyl-	170 C12H26	007045-71-8	91
3	Tetradecane	198 C14H30	000629-59-4	90
4	Tridecane, 7-propyl-	226 C16H34	055045-09-5	80
5	Heneicosane	296 C21H44	000629-94-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108270.D
Acq On : 18 Aug 2018 4:09
Operator : JU/SJ
Sample : J4511-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

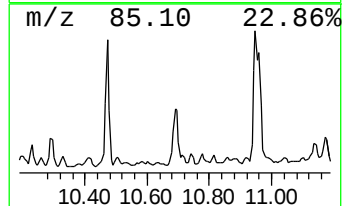
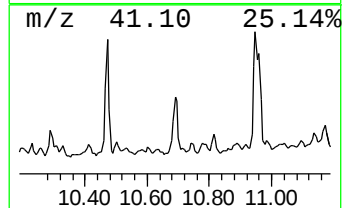
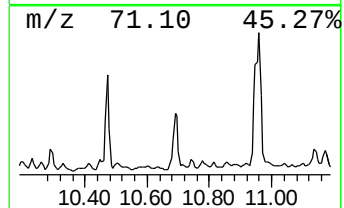
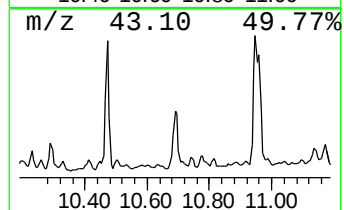
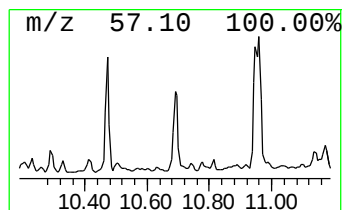
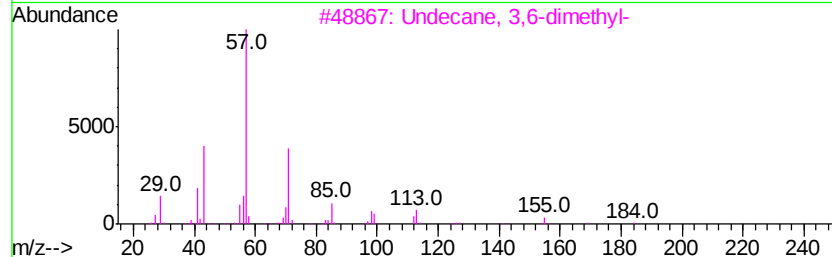
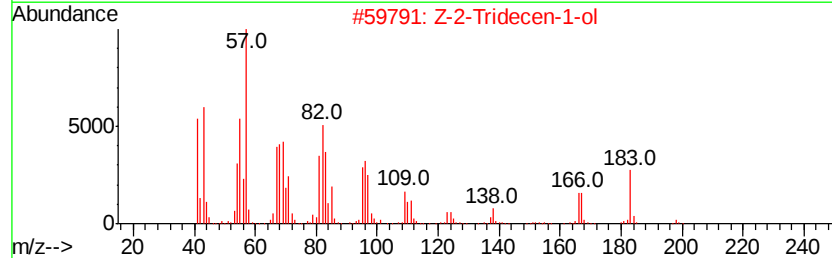
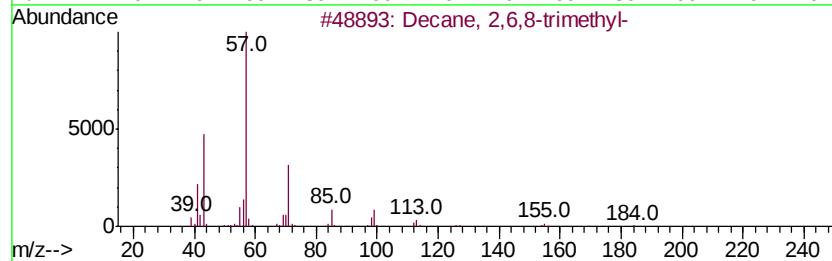
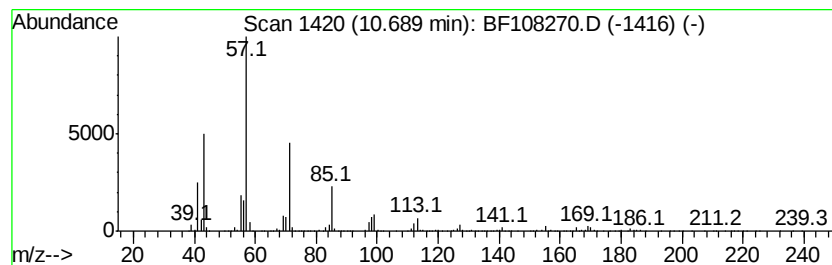
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Decane, 2,6,8-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.69	18.96 ng	1046980	Acenaphthene-d10	10.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	93
2	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	80
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
4	Heneicosane	296	C21H44	000629-94-7	74
5	Heptacosane	380	C27H56	000593-49-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
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Acq On : 18 Aug 2018 4:09
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Sample : J4511-03
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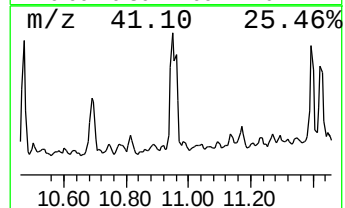
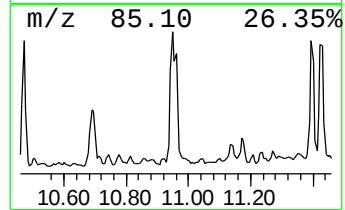
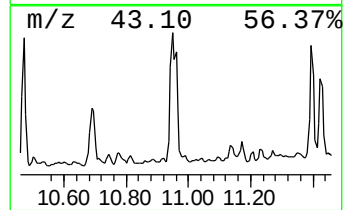
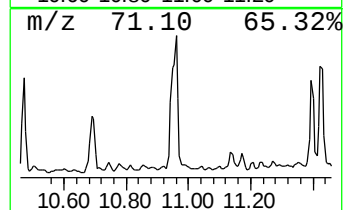
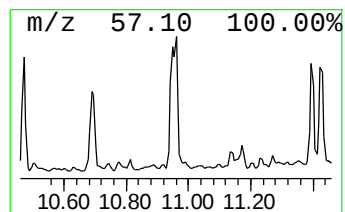
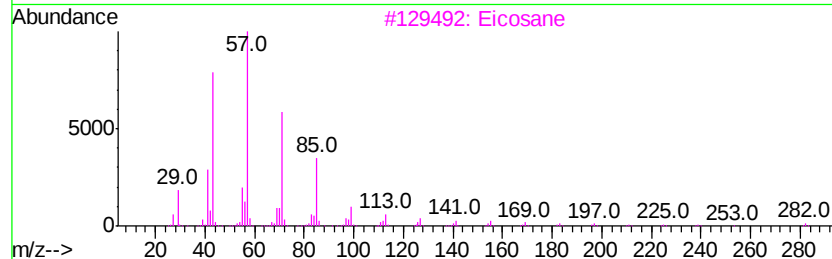
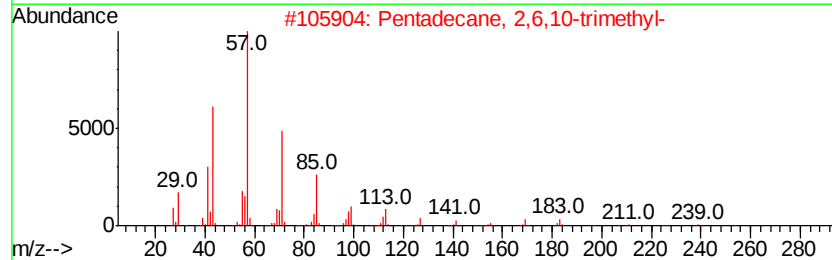
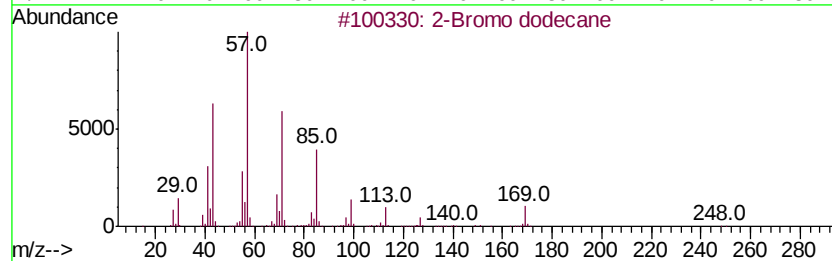
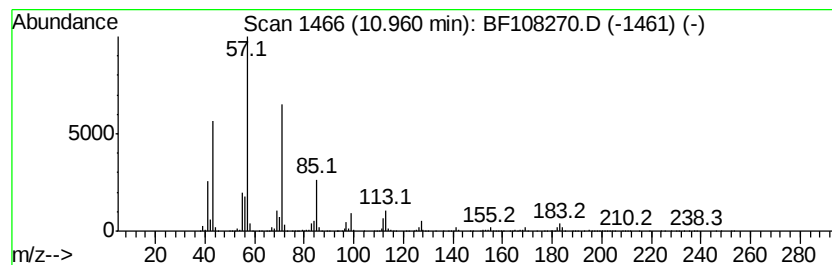
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.96	39.84 ng	2589830	Phenanthrene-d10		11.56	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
3		Eicosane	282	C20H42	000112-95-8	80
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108270.D
Acq On : 18 Aug 2018 4:09
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Sample : J4511-03
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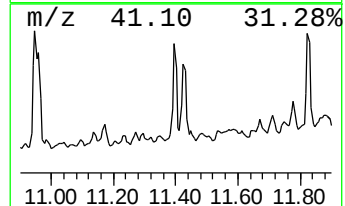
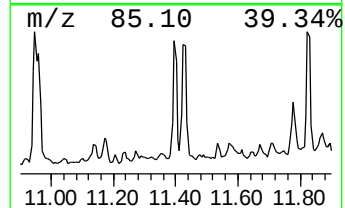
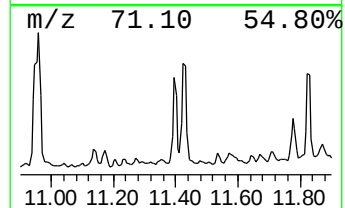
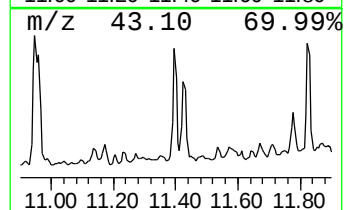
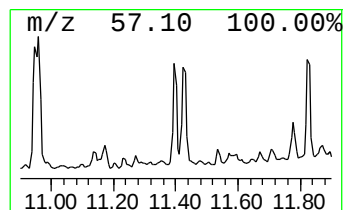
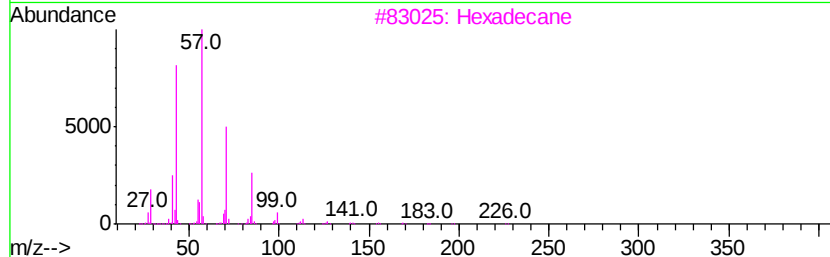
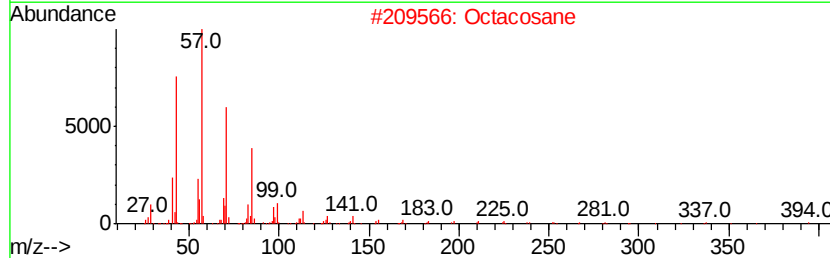
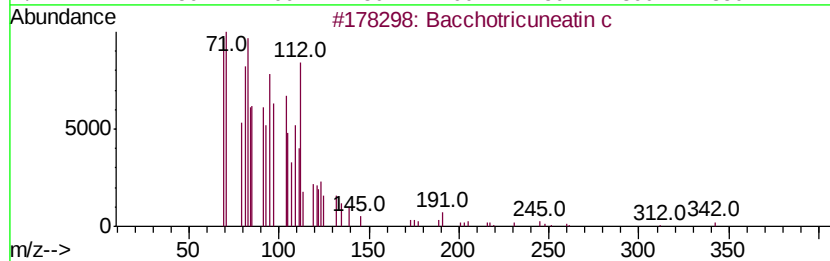
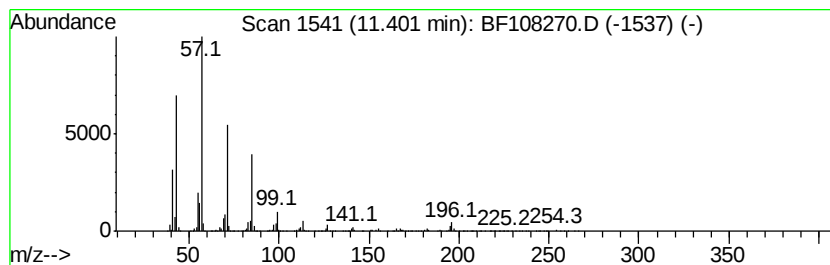
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Bacchotricuneatin c Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	17.31 ng	1125410	Phenanthrene-d10	11.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2		Octacosane	394	C28H58	000630-02-4	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5		Octadecane	254	C18H38	000593-45-3	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
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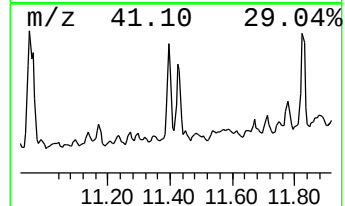
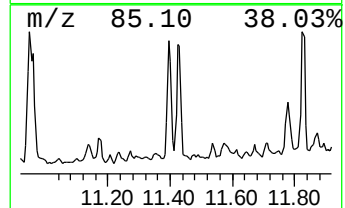
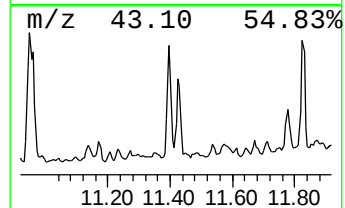
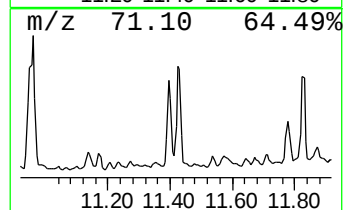
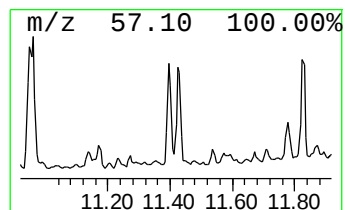
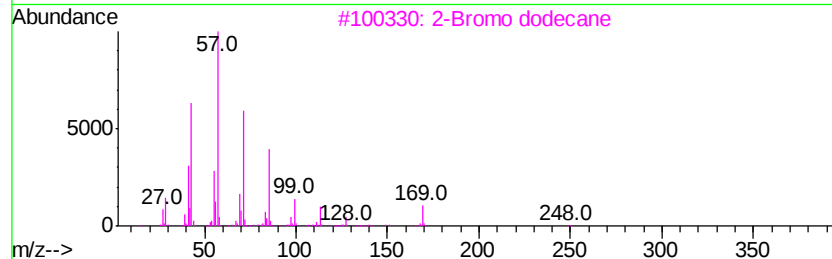
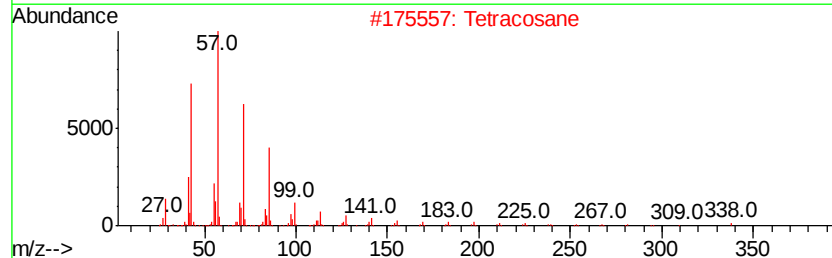
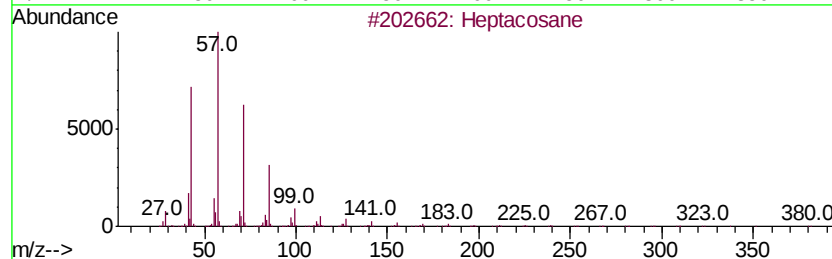
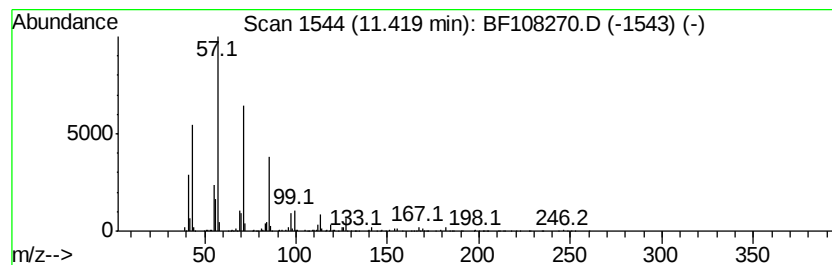
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 15 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	16.84 ng	1094640	Phenanthrene-d10	11.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	80
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108270.D
Acq On : 18 Aug 2018 4:09
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Sample : J4511-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

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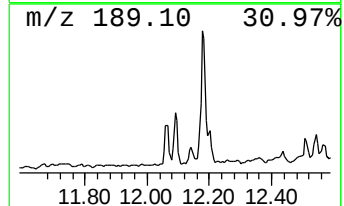
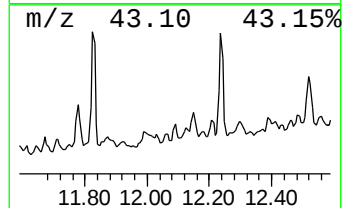
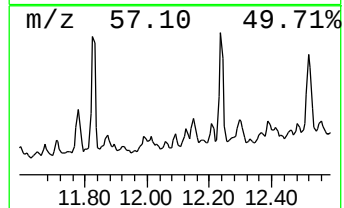
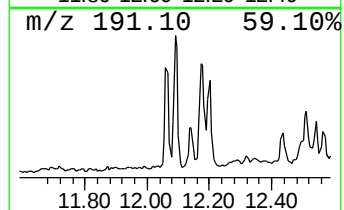
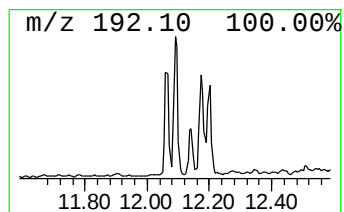
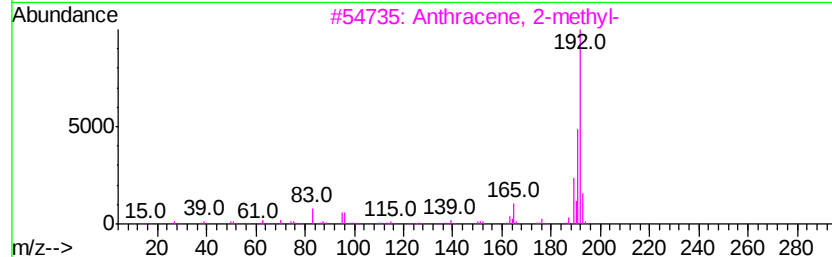
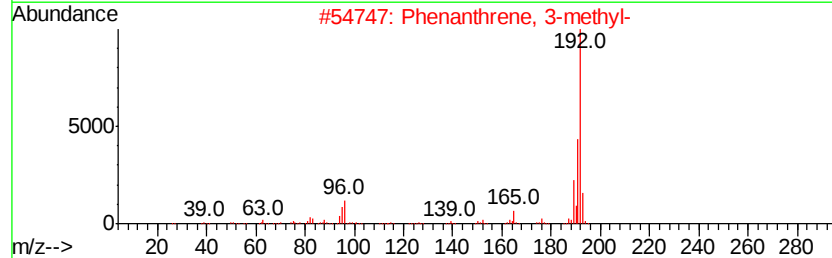
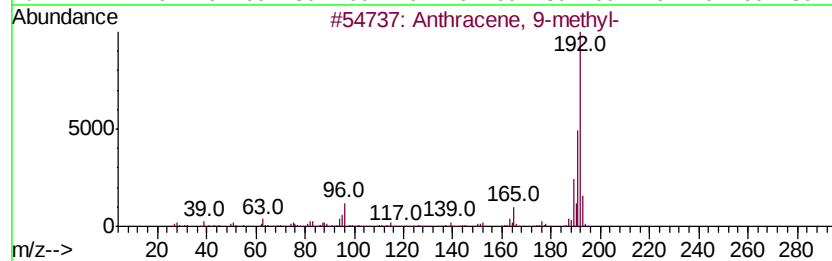
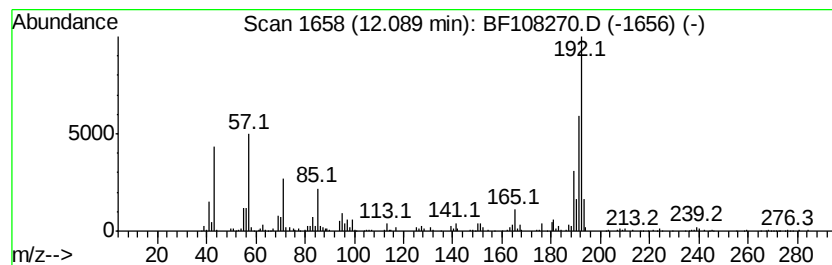
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Anthracene, 9-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	5.99 ng	389641	Phenanthrene-d10	11.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
2			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	86
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
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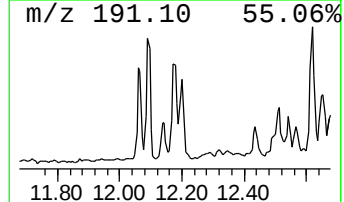
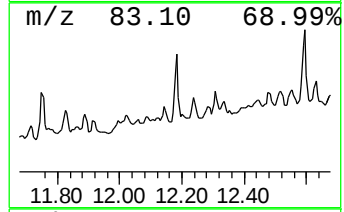
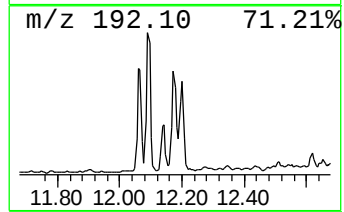
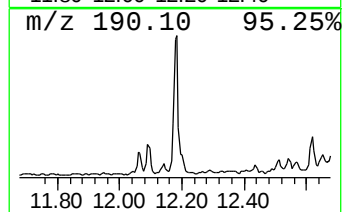
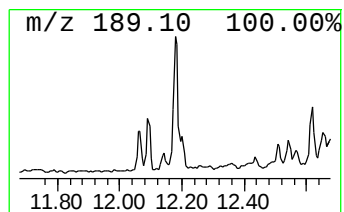
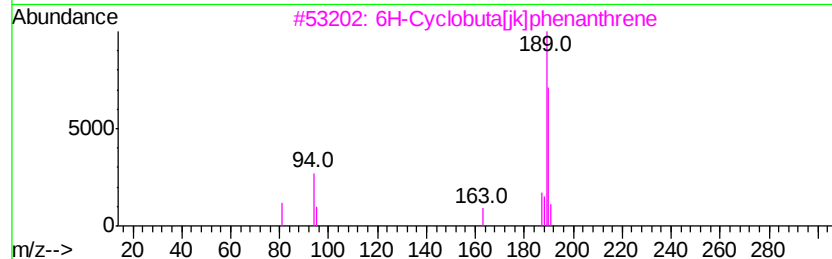
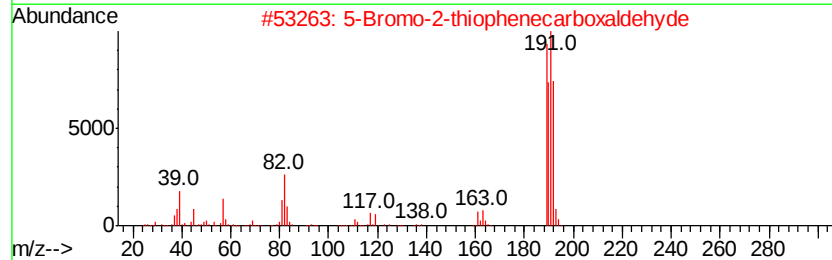
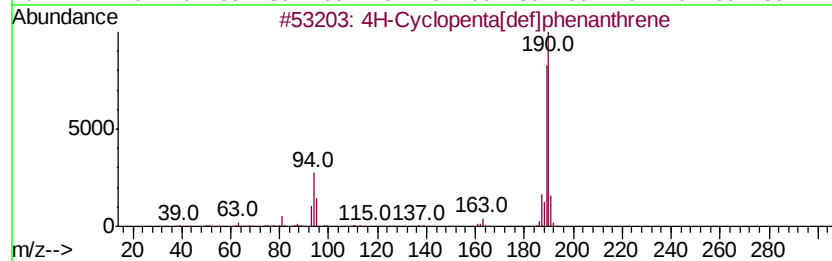
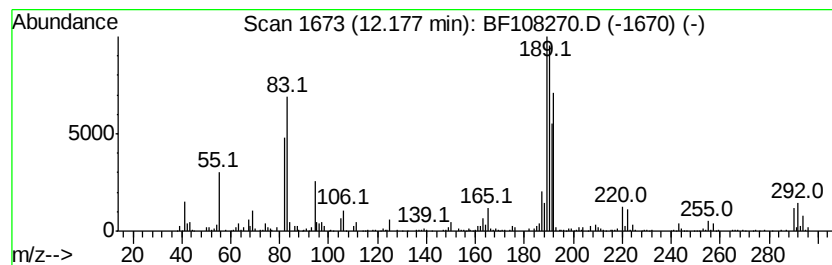
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	7.87 ng	511367	Phenanthrene-d10	11.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	50
3		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	50
4		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	47
5		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108270.D
Acq On : 18 Aug 2018 4:09
Operator : JU/SJ
Sample : J4511-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-081418-ESW-15NSC-025

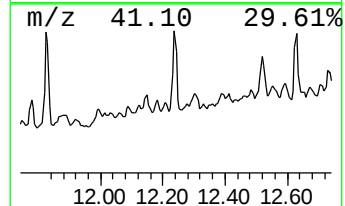
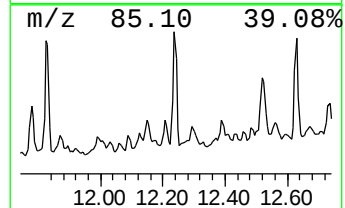
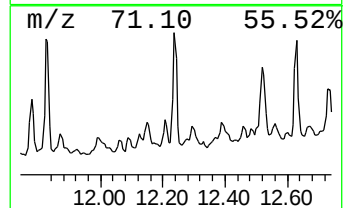
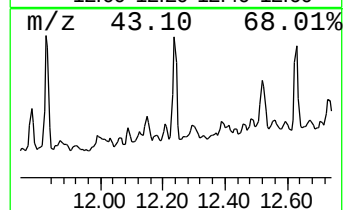
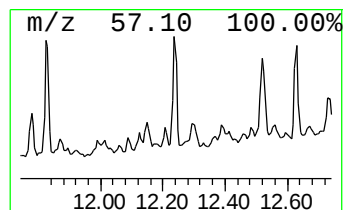
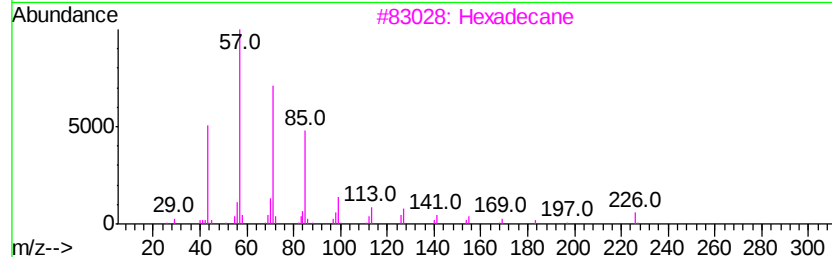
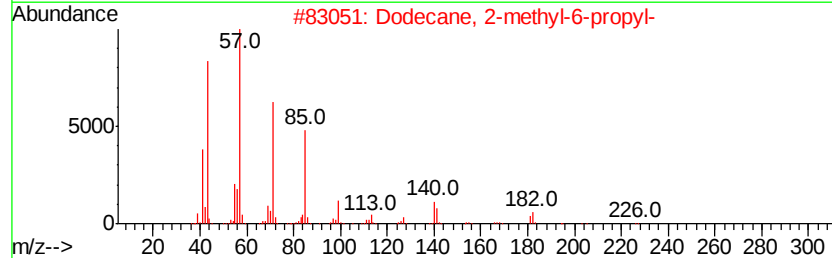
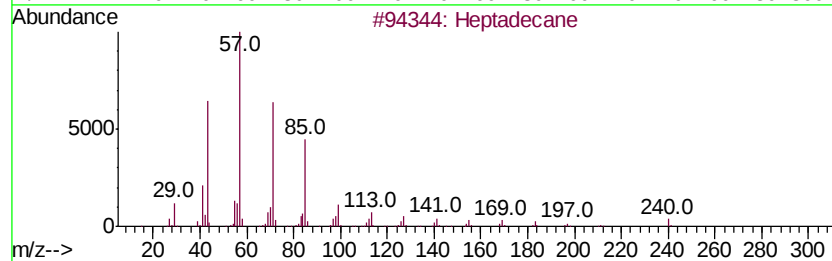
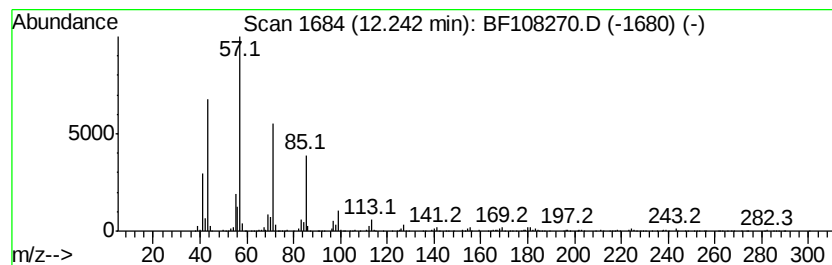
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	15.85 ng	1029950	Phenanthrene-d10	11.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	95
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
3		Hexadecane	226	C16H34	000544-76-3	91
4		Nonadecane	268	C19H40	000629-92-5	90
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108270.D
Acq On : 18 Aug 2018 4:09
Operator : JU/SJ
Sample : J4511-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-081418-ESW-15NSC-025

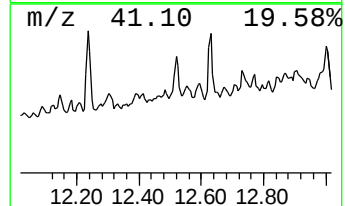
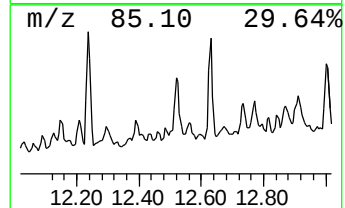
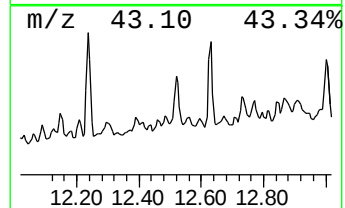
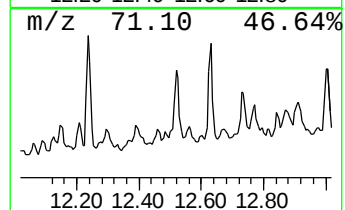
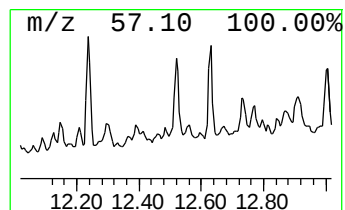
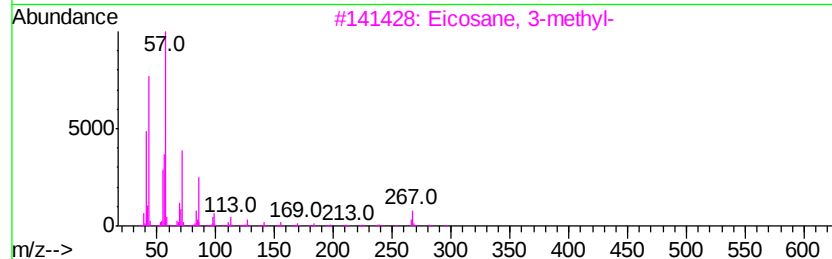
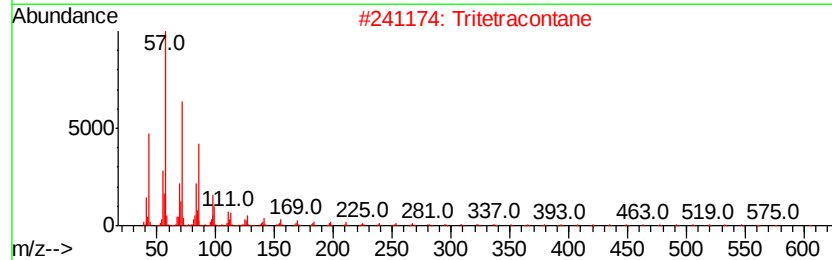
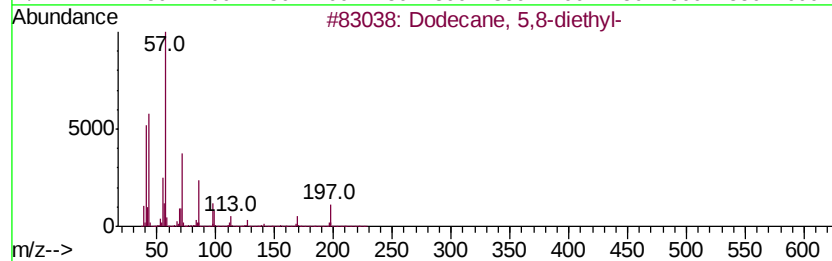
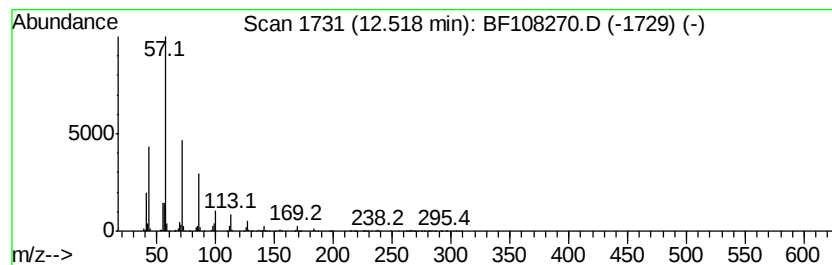
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dodecane, 5,8-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	8.67 ng	563440	Phenanthrene-d10	11.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	86
2			Tritetracontane	605	C43H88	007098-21-7	83
3			Eicosane, 3-methyl-	296	C21H44	006418-46-8	83
4			Hexadecane	226	C16H34	000544-76-3	83
5			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108270.D
Acq On : 18 Aug 2018 4:09
Operator : JU/SJ
Sample : J4511-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

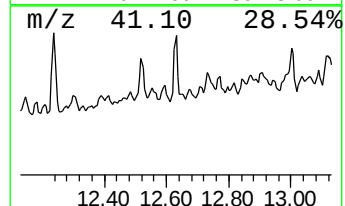
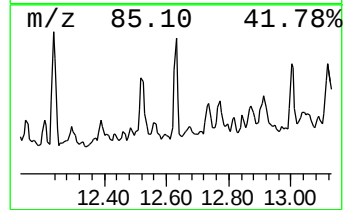
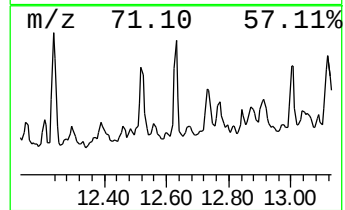
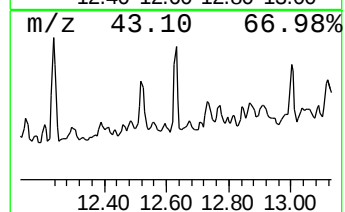
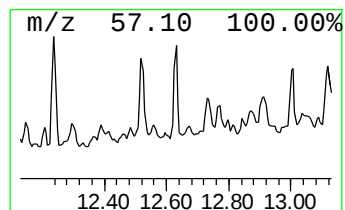
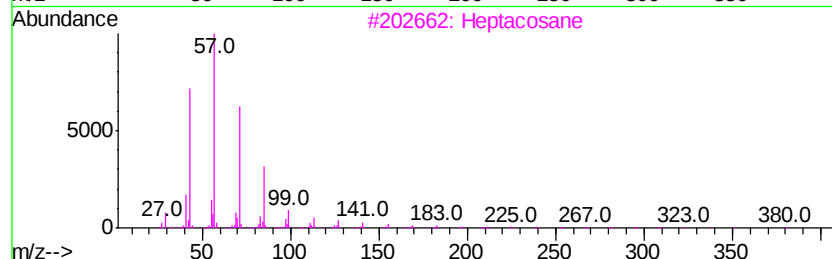
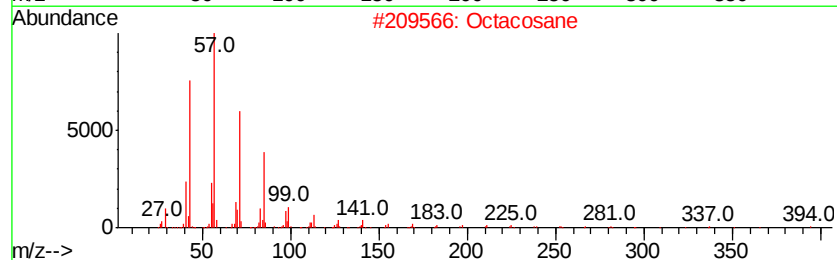
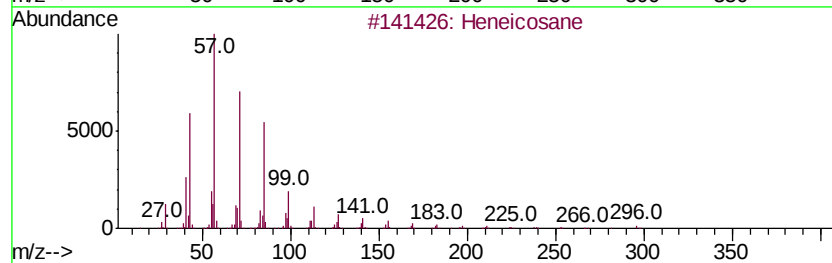
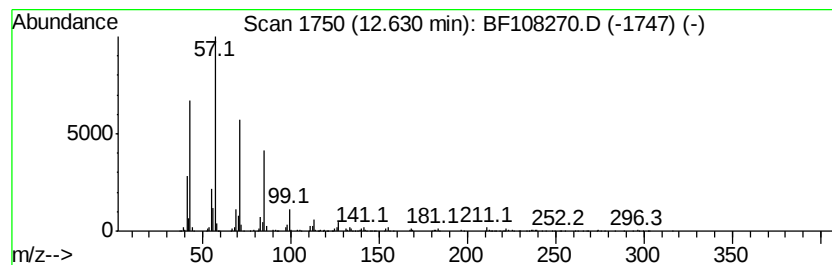
Instrument :
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ClientSampleId :
RA-081418-ESW-15NSC-025

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.63	11.53 ng	749491	Phenanthrene-d10		11.56
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081718\
 Data File : BF108270.D
 Acq On : 18 Aug 2018 4:09
 Operator : JU/SJ
 Sample : J4511-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081418-ESW-15NSC-025

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
2-Pentanone, 4-hy...	5.26	5.2	ng	275263	1	7.02	1062380	20.0
unknown6.79	6.79	71.5	ng	3800540	1	7.02	1062380	20.0
Tridecane	8.87	10.9	ng	691497	2	8.30	1266790	20.0
Pentadecane, 2,6,...	9.30	7.3	ng	400626	3	10.06	1104170	20.0
Tetradecane	9.44	17.9	ng	990463	3	10.06	1104170	20.0
Naphthalene, 1,7-...	9.64	5.6	ng	307681	3	10.06	1104170	20.0
Pentadecane	9.97	19.9	ng	1101260	3	10.06	1104170	20.0
Naphthalene, 1,4,...	10.26	5.1	ng	282881	3	10.06	1104170	20.0
Naphthalene, 1,6,...	10.30	8.7	ng	478903	3	10.06	1104170	20.0
Hexadecane	10.47	21.1	ng	1165330	3	10.06	1104170	20.0
Decane, 2,6,8-tri...	10.69	19.0	ng	1046980	3	10.06	1104170	20.0
2-Bromo dodecane	10.96	39.8	ng	2589830	4	11.56	1300030	20.0
Bacchotricuneatin c	11.40	17.3	ng	1125410	4	11.56	1300030	20.0
Heptacosane	11.42	16.8	ng	1094640	4	11.56	1300030	20.0
Anthracene, 9-met...	12.09	6.0	ng	389641	4	11.56	1300030	20.0
4H-Cyclopenta[def...	12.18	7.9	ng	511367	4	11.56	1300030	20.0
Nonadecane	12.24	15.9	ng	1029950	4	11.56	1300030	20.0
Dodecane, 5,8-die...	12.52	8.7	ng	563440	4	11.56	1300030	20.0
Heneicosane	12.63	11.5	ng	749491	4	11.56	1300030	20.0