

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102074.D
 Acq On : 15 Jan 2018 20:27
 Operator : SJ/JU
 Sample : J1117-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-1 9.5-10.0

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-BF010918.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	4.928	477	483	493	rVB	567070	813408	17.30%	1.450%
2	5.334	547	552	555	rBV	4257727	4508153	95.89%	8.038%
3	6.357	720	726	730	rBV	3910794	4701561	100.00%	8.383%
4	6.493	744	749	752	rBV	4583544	4542124	96.61%	8.099%
5	6.722	784	788	793	rVB	1579273	1271158	27.04%	2.267%
6	6.875	810	814	818	rBV	3509272	3466382	73.73%	6.181%
7	7.287	873	884	887	rBV	3034988	3098004	65.89%	5.524%
8	7.316	887	889	893	rVB	123306	105471	2.24%	0.188%
9	7.363	893	897	901	rBV6	64262	74590	1.59%	0.133%
10	7.757	960	964	969	rVB4	75232	102805	2.19%	0.183%
11	7.957	992	998	1000	rBV4	40343	69298	1.47%	0.124%
12	8.004	1000	1006	1009	rVV	1916472	2009071	42.73%	3.582%
13	8.063	1012	1016	1019	rVB	179694	193581	4.12%	0.345%
14	8.204	1038	1040	1043	rVB3	60438	52710	1.12%	0.094%
15	8.298	1051	1056	1058	rBV5	95722	142843	3.04%	0.255%
16	8.351	1062	1065	1067	rBV2	84336	65140	1.39%	0.116%
17	8.381	1067	1070	1074	rVB3	142008	132909	2.83%	0.237%
18	8.428	1074	1078	1083	rBV	321829	344849	7.33%	0.615%
19	8.504	1088	1091	1094	rBV2	67386	65419	1.39%	0.117%
20	8.545	1094	1098	1099	rBV2	42251	47943	1.02%	0.085%
21	8.598	1103	1107	1110	rBV	747081	622759	13.25%	1.110%
22	8.692	1120	1123	1125	rVB	100144	86786	1.85%	0.155%
23	8.881	1152	1155	1157	rBV3	101654	102678	2.18%	0.183%
24	8.963	1165	1169	1172	rVB2	136858	134736	2.87%	0.240%
25	8.998	1172	1175	1177	rBV2	111467	93875	2.00%	0.167%
26	9.028	1177	1180	1184	rVB	321047	277973	5.91%	0.496%
27	9.081	1184	1189	1192	rBV	4765641	4285060	91.14%	7.641%
28	9.163	1198	1203	1207	rBV	1094862	1037772	22.07%	1.850%
29	9.275	1219	1222	1226	rVB3	63255	71244	1.52%	0.127%
30	9.345	1230	1234	1237	rVB3	112034	158898	3.38%	0.283%
31	9.416	1243	1246	1248	rBV	193765	181279	3.86%	0.323%
32	9.439	1248	1250	1252	rVB	170990	116413	2.48%	0.208%
33	9.475	1252	1256	1259	rBV2	867565	920762	19.58%	1.642%
34	9.504	1259	1261	1263	rVB2	160746	132101	2.81%	0.236%

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 UST-1 9.5-10.0

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.539	1263	1267	1270	rVB2	150673	153042	3.26%	0.273%
36	9.569	1270	1272	1278	rBV6	36471	48003	1.02%	0.086%
37	9.616	1278	1280	1285	rBV4	64766	94033	2.00%	0.168%
38	9.663	1285	1288	1290	rBV3	119976	107400	2.28%	0.192%
39	9.692	1290	1293	1297	rVB	1153302	1005153	21.38%	1.792%
40	9.757	1297	1304	1307	rBV	1611945	1630591	34.68%	2.907%
41	9.863	1318	1322	1325	rVB2	125289	153174	3.26%	0.273%
42	9.916	1326	1331	1334	rVV5	111374	194160	4.13%	0.346%
43	9.951	1334	1337	1340	rVV2	221670	260574	5.54%	0.465%
44	10.010	1343	1347	1351	rVV4	236621	347765	7.40%	0.620%
45	10.045	1351	1353	1355	rVB	106086	77860	1.66%	0.139%
46	10.069	1355	1357	1360	rBV2	107429	109356	2.33%	0.195%
47	10.098	1360	1362	1365	rVV2	87019	68886	1.47%	0.123%
48	10.163	1369	1373	1374	rVV3	99187	108651	2.31%	0.194%
49	10.186	1374	1377	1380	rVV	1238043	1044272	22.21%	1.862%
50	10.216	1380	1382	1384	rVV2	63517	62448	1.33%	0.111%
51	10.245	1385	1387	1392	rVB6	79668	95093	2.02%	0.170%
52	10.292	1392	1395	1397	rBV4	74048	76257	1.62%	0.136%
53	10.316	1397	1399	1402	rVV3	60332	61823	1.31%	0.110%
54	10.410	1409	1415	1418	rBV	400839	535083	11.38%	0.954%
55	10.457	1420	1423	1427	rVB2	113924	116371	2.48%	0.207%
56	10.492	1427	1429	1432	rBV2	119967	120719	2.57%	0.215%
57	10.539	1432	1437	1441	rVV	1903804	1837401	39.08%	3.276%
58	10.622	1449	1451	1454	rBV3	39363	56600	1.20%	0.101%
59	10.663	1454	1458	1466	rVB	1211475	1547272	32.91%	2.759%
60	10.851	1487	1490	1492	rBV	86221	88327	1.88%	0.157%
61	10.980	1510	1512	1517	rBV2	56637	78160	1.66%	0.139%
62	11.110	1530	1534	1536	rBV	851041	754233	16.04%	1.345%
63	11.139	1536	1539	1544	rVB	340887	370334	7.88%	0.660%
64	11.233	1552	1555	1558	rBV	1220556	1120840	23.84%	1.999%
65	11.286	1561	1564	1569	rVB3	61369	90040	1.92%	0.161%
66	11.380	1577	1580	1584	rBV2	60337	59869	1.27%	0.107%
67	11.416	1584	1586	1588	rVB	73569	58368	1.24%	0.104%
68	11.486	1595	1598	1601	rVB	80734	69704	1.48%	0.124%
69	11.533	1603	1606	1609	rVB	807828	591583	12.58%	1.055%
70	11.692	1631	1633	1635	rBV2	50159	54170	1.15%	0.097%
71	11.763	1642	1645	1648	rVB	124204	107405	2.28%	0.192%

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 Sampling : 1 Min Area: 3 % of largest Peak
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72	11.845	1654	1659	1662	rBV4	67834	113091	2.41%	0.202%
73	11.939	1672	1675	1678	rBV	624573	468609	9.97%	0.836%
74	12.098	1699	1702	1707	rVB5	38856	60632	1.29%	0.108%
75	12.216	1719	1722	1728	rBV3	69977	115785	2.46%	0.206%
76	12.280	1730	1733	1736	rBV	104953	101112	2.15%	0.180%
77	12.327	1738	1741	1745	rVB	507157	441686	9.39%	0.788%
78	12.369	1745	1748	1752	rVB4	40996	47854	1.02%	0.085%
79	12.698	1801	1804	1807	rBV	457388	370282	7.88%	0.660%
80	12.822	1820	1825	1828	rBV	2995127	2751423	58.52%	4.906%
81	13.057	1861	1865	1868	rVB	323707	298895	6.36%	0.533%
82	13.263	1896	1900	1905	rBV5	45464	83805	1.78%	0.149%
83	13.398	1919	1923	1926	rBV	274045	251256	5.34%	0.448%
84	13.716	1973	1977	1986	rVB2	459510	620194	13.19%	1.106%
85	13.869	1999	2003	2008	rVB	1026120	1032350	21.96%	1.841%
86	14.039	2029	2032	2036	rVB	238602	207680	4.42%	0.370%
87	14.345	2081	2084	2087	rBV	239001	207673	4.42%	0.370%
88	14.639	2131	2134	2140	rBV	182669	190006	4.04%	0.339%
89	14.957	2186	2188	2194	rVB	126006	146991	3.13%	0.262%
90	15.280	2239	2243	2247	rBV2	795314	960559	20.43%	1.713%
91	15.316	2247	2249	2259	rVB	109241	152409	3.24%	0.272%
92	15.727	2316	2319	2322	rBV	62585	76318	1.62%	0.136%

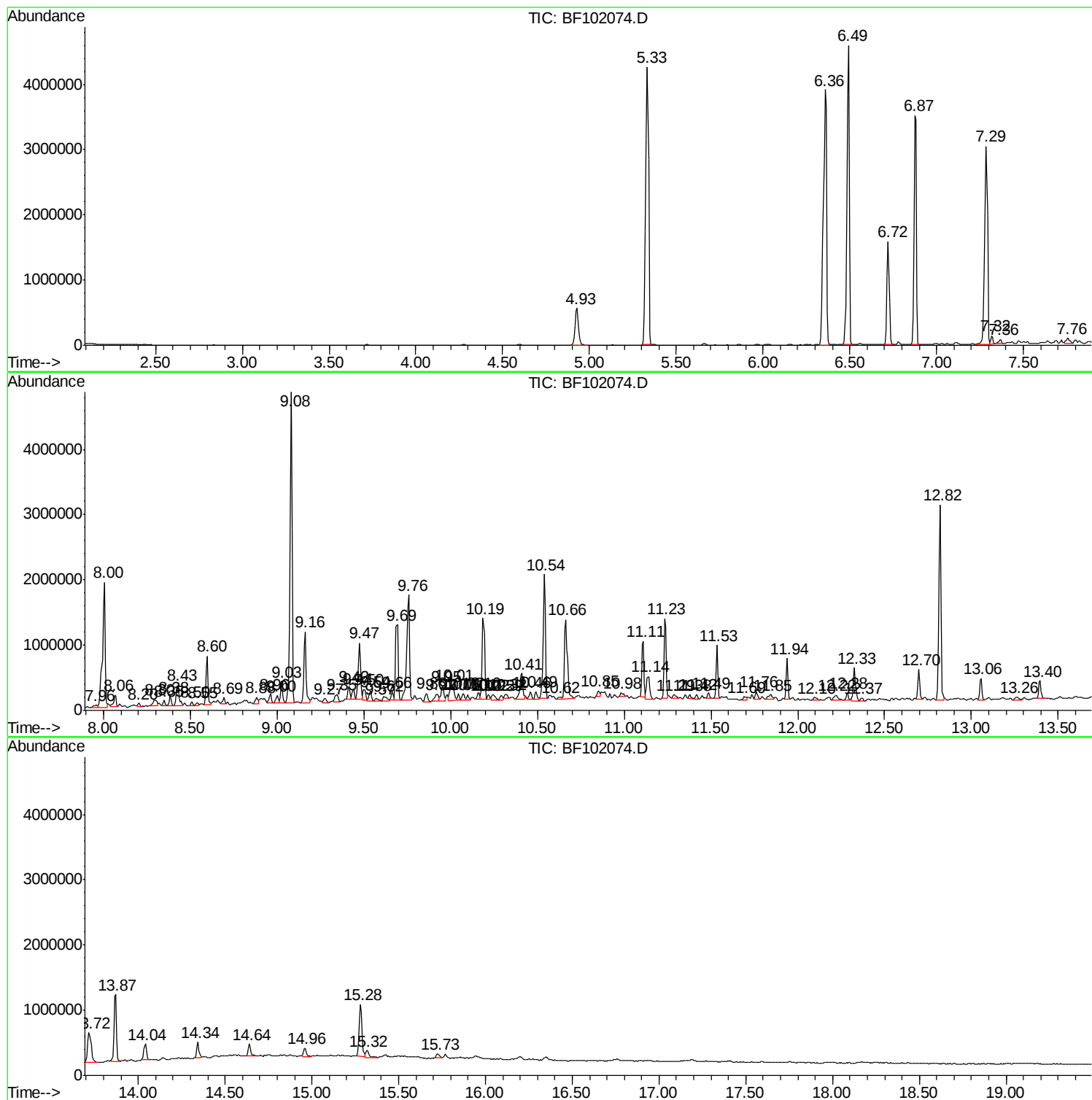
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UST-1 9.5-10.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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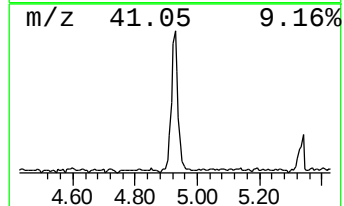
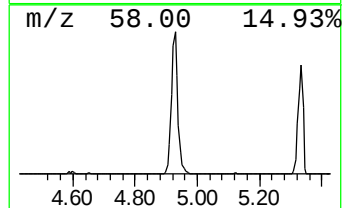
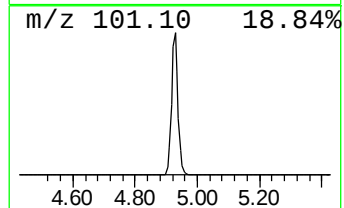
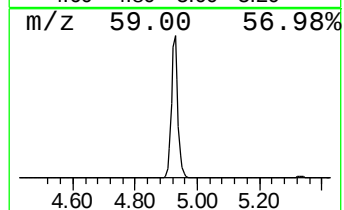
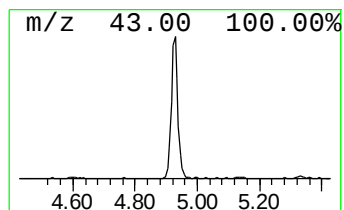
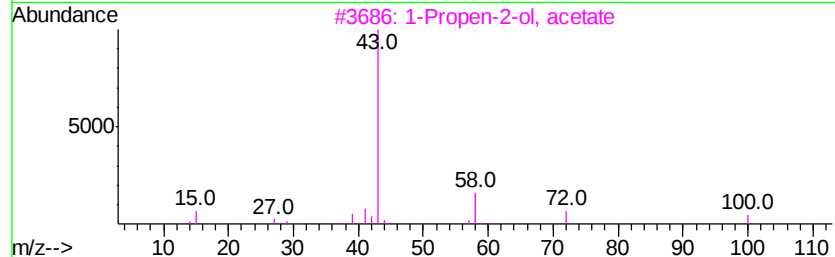
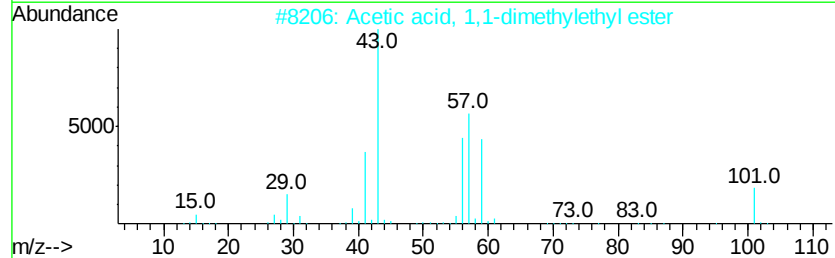
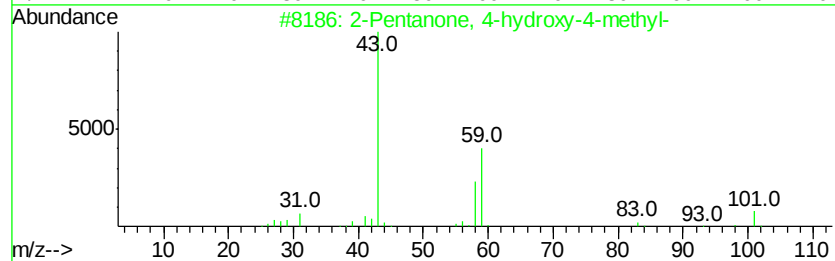
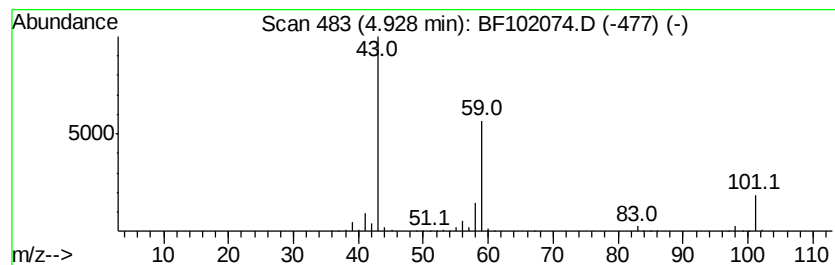
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	12.80 ng	813408	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9



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Instrument :
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ClientSampleId :
UST-1 9.5-10.0

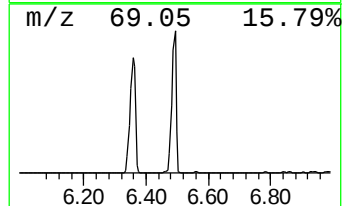
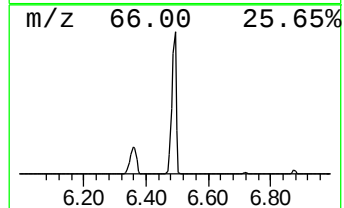
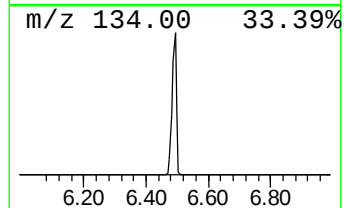
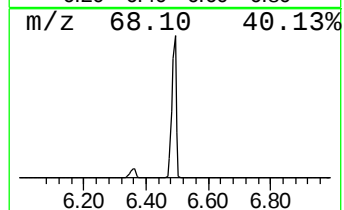
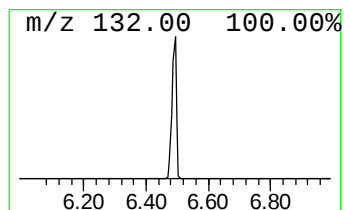
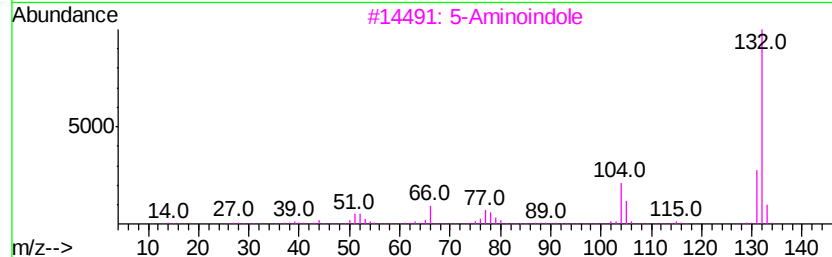
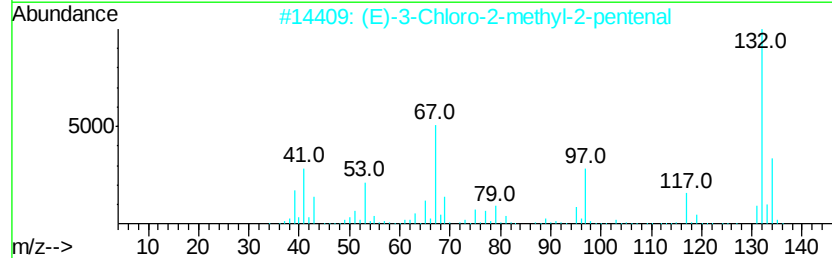
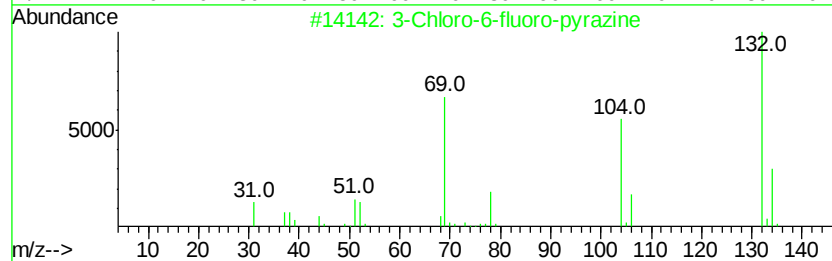
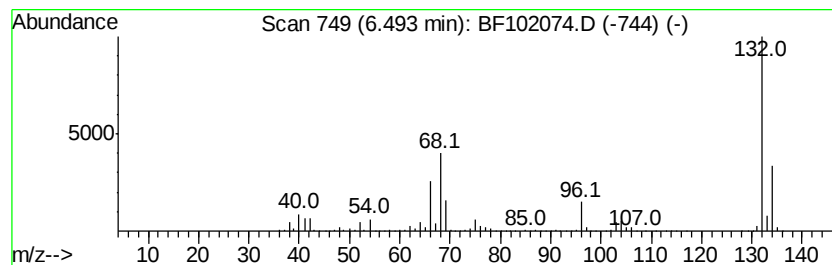
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	71.46 ng	4542120	1,4-Dichlorobenzene-d4	6.72

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	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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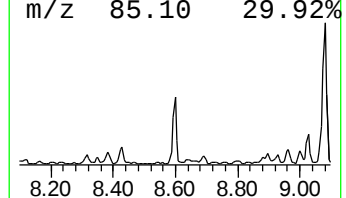
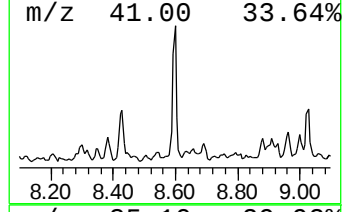
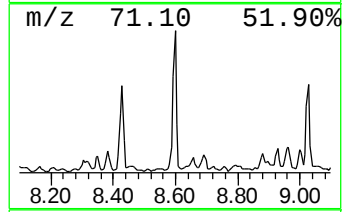
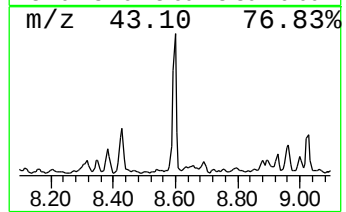
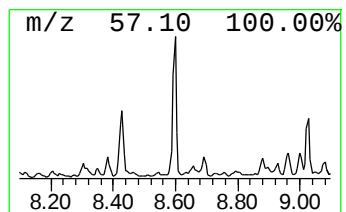
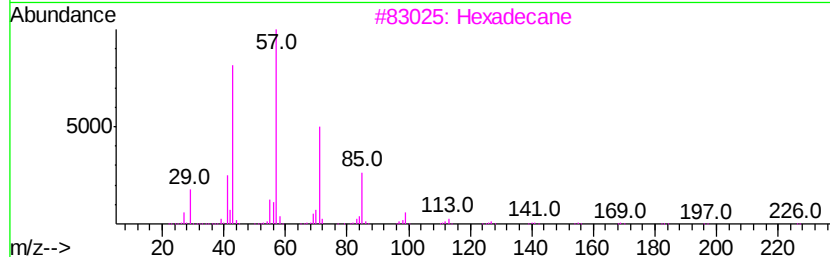
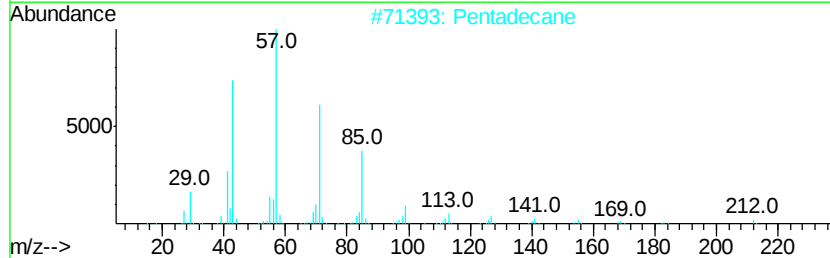
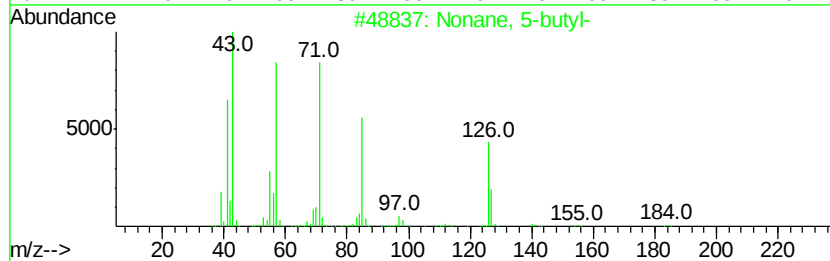
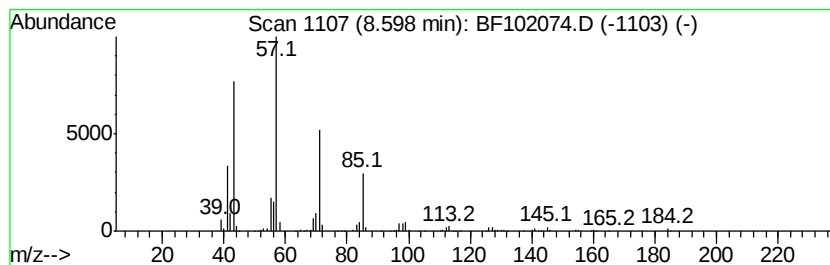
Instrument :
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UST-1 9.5-10.0

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

Peak Number 4 Nonane, 5-butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.60	6.20 ng	622759	Naphthalene-d8	8.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	87
2	Pentadecane	212	C15H32	000629-62-9	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tridecane	184	C13H28	000629-50-5	81



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ClientSampleId :
UST-1 9.5-10.0

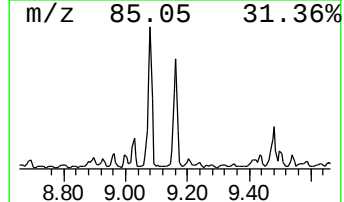
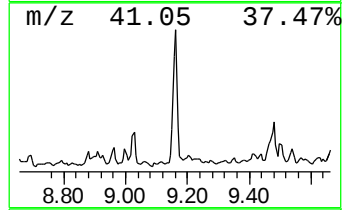
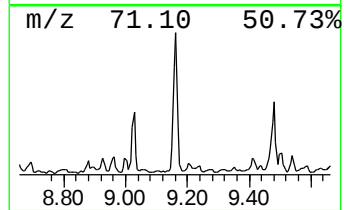
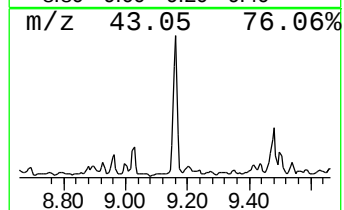
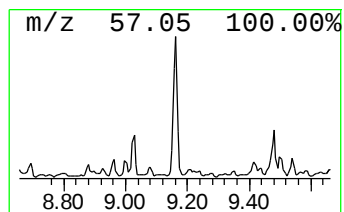
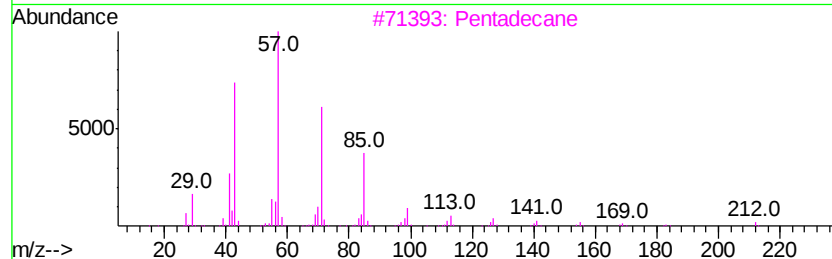
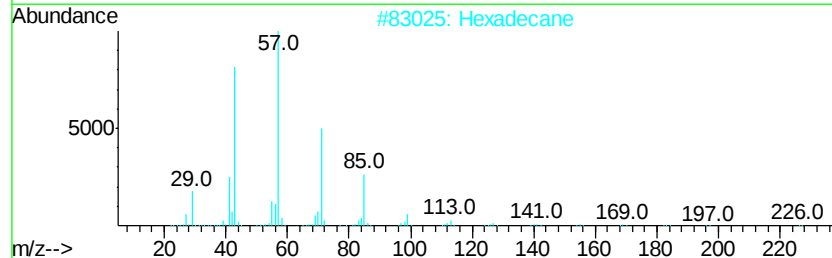
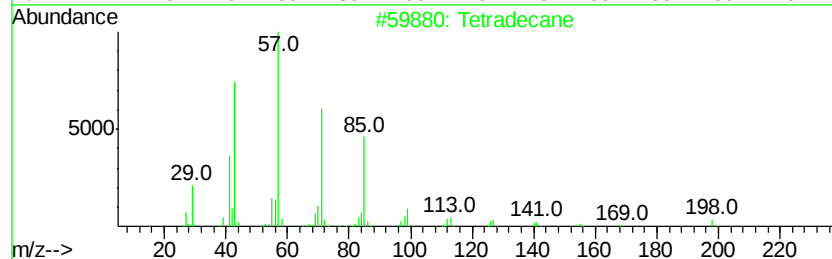
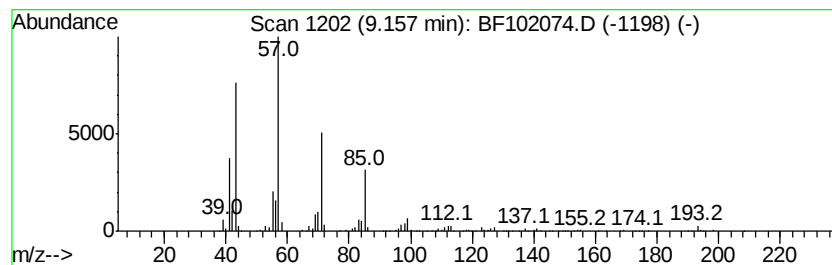
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	12.73 ng	1037770	Acenaphthene-d10	9.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Tridecane	184	C13H28	000629-50-5	86
5		Undecane	156	C11H24	001120-21-4	86



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011518\
Data File : BF102074.D
Acq On : 15 Jan 2018 20:27
Operator : SJ/JU
Sample : J1117-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

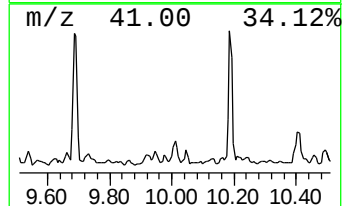
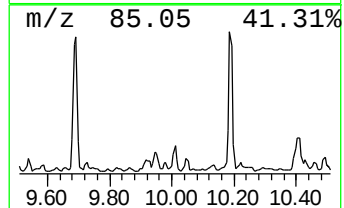
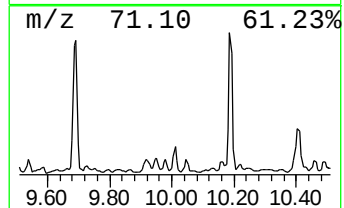
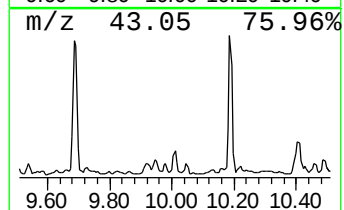
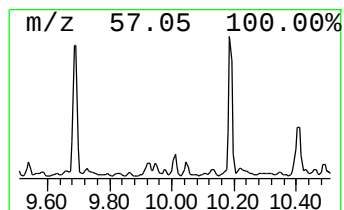
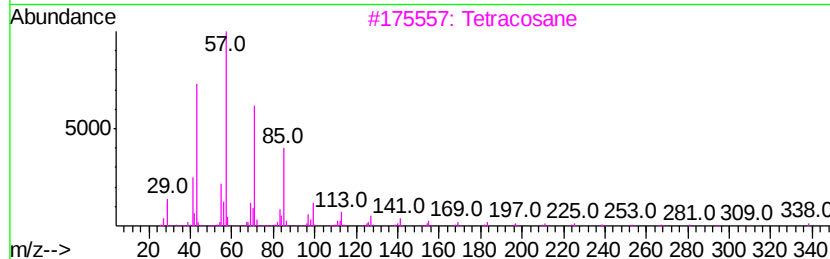
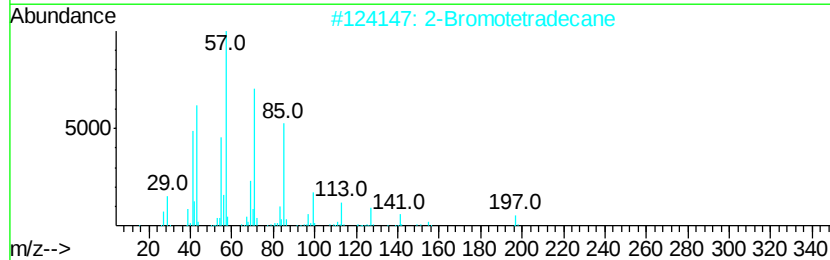
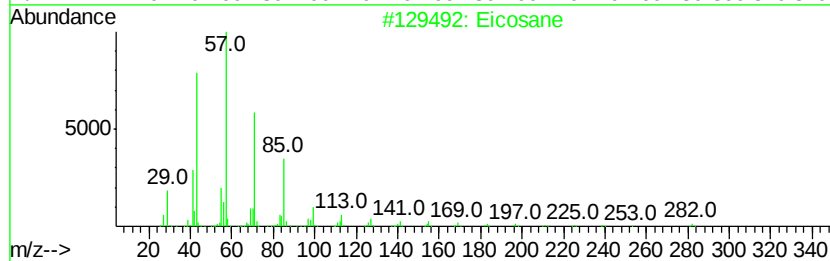
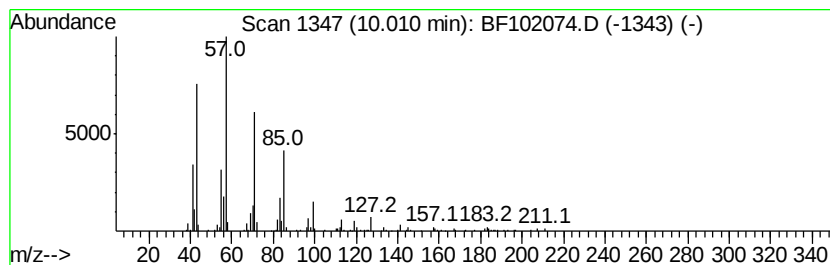
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.01	4.27 ng	347765	Acenaphthene-d10		9.76
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5	Tridecane	184	C13H28	000629-50-5	87



Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
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Sample : J1117-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

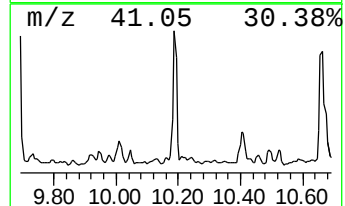
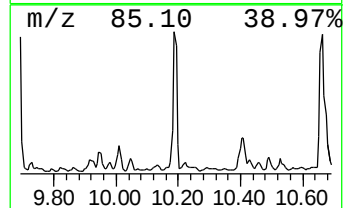
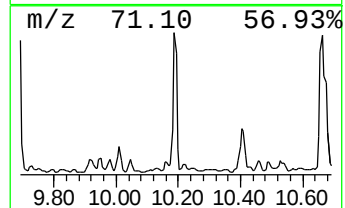
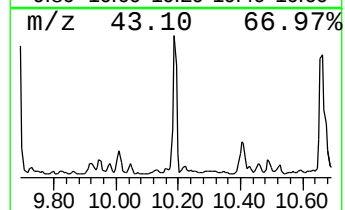
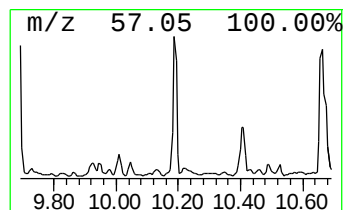
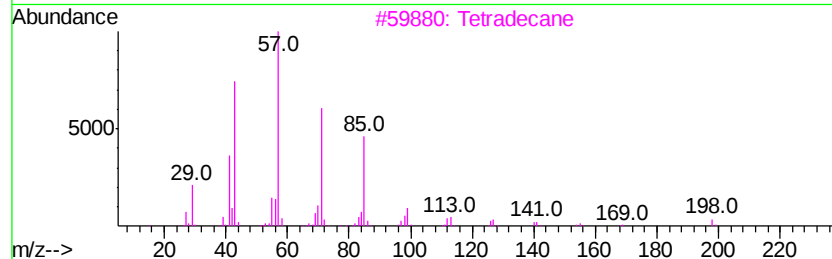
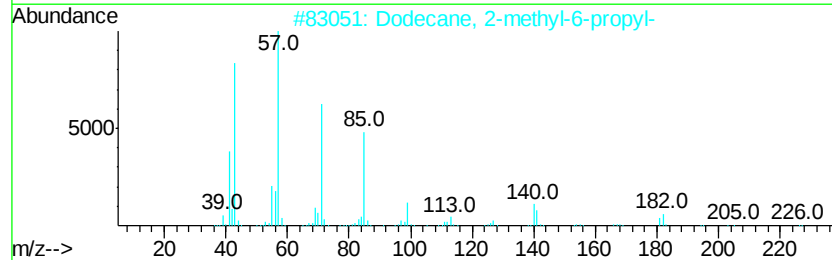
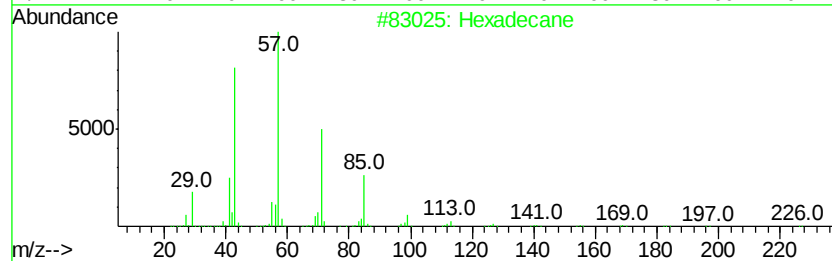
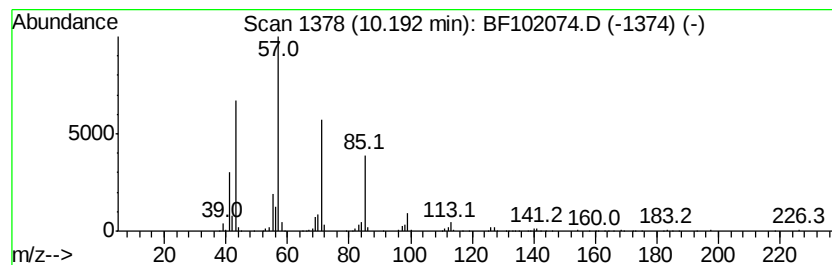
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.19	12.81 ng	1044270	Acenaphthene-d10		9.76	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	96
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Pentadecane	212	C15H32	000629-62-9	90
5		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011518\
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Acq On : 15 Jan 2018 20:27
Operator : SJ/JU
Sample : J1117-01
Misc :
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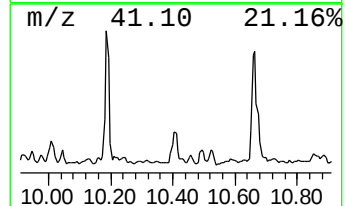
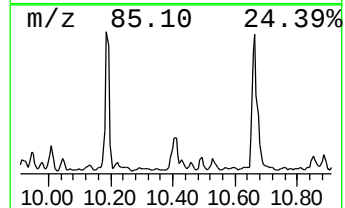
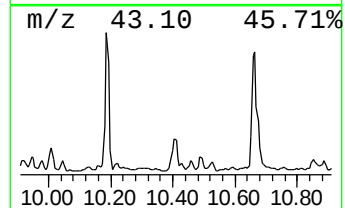
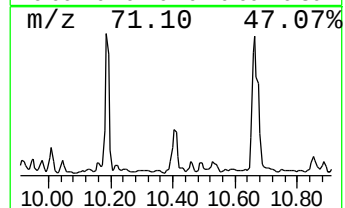
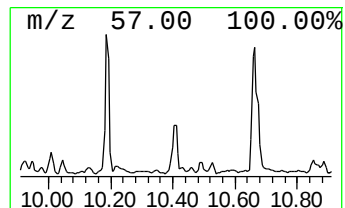
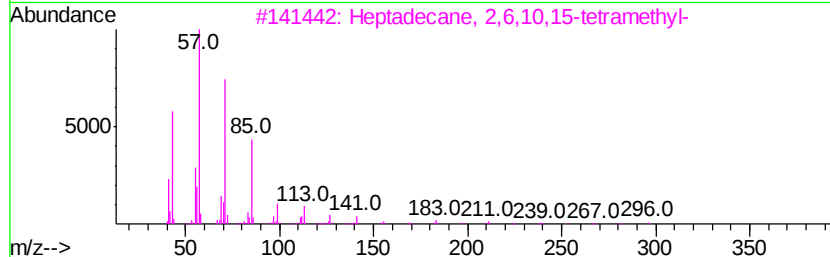
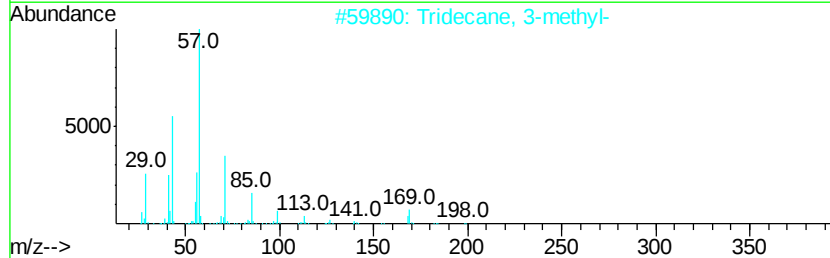
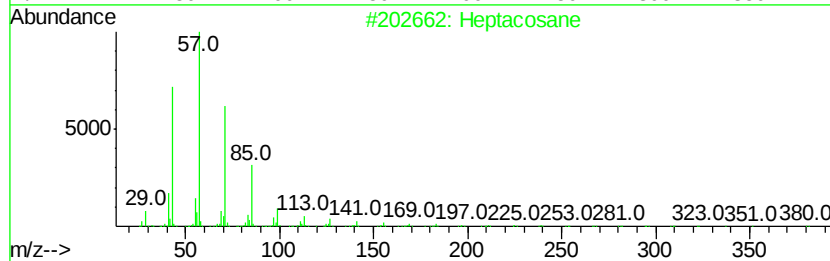
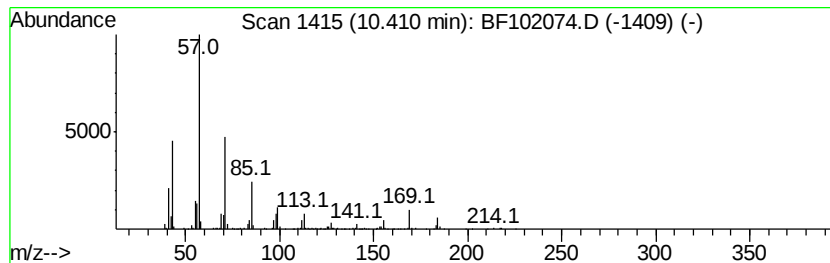
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.41	6.56 ng	535083	Acenaphthene-d10	9.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	80
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4	Eicosane	282	C20H42	000112-95-8	64
5	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	60



Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
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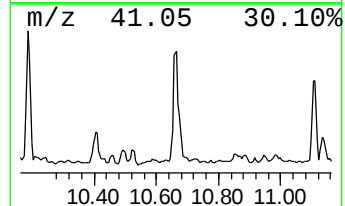
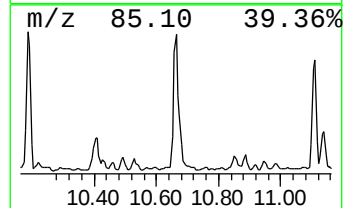
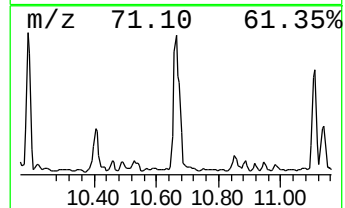
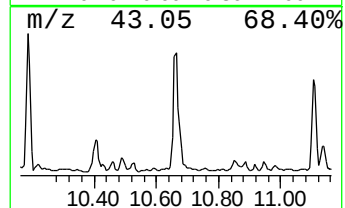
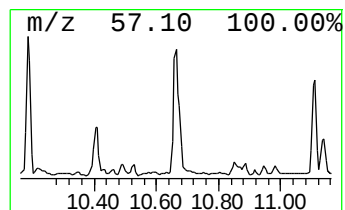
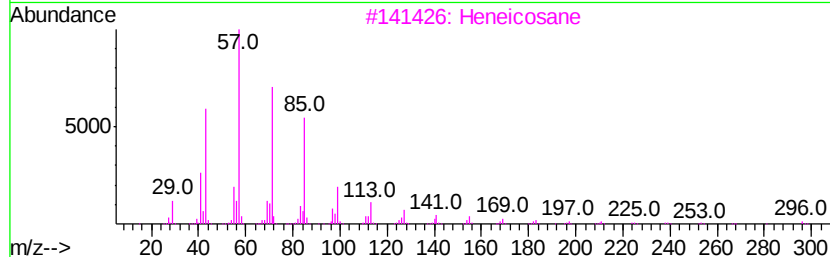
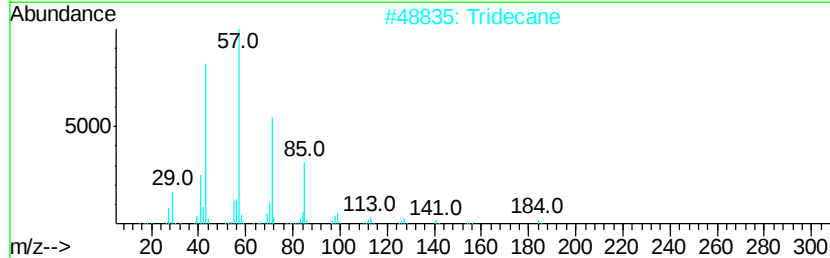
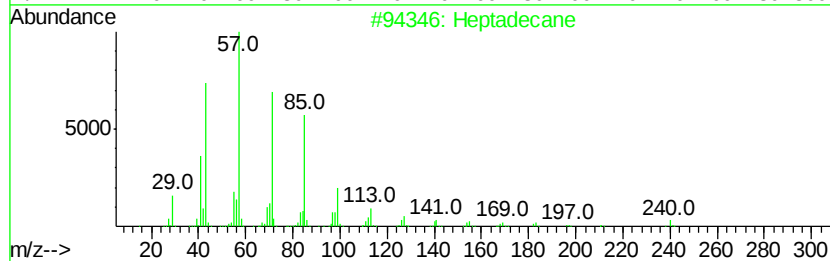
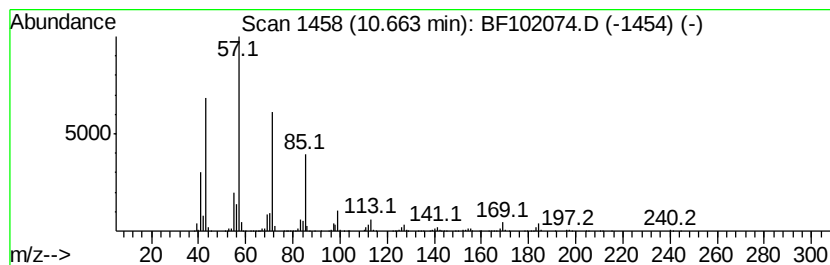
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.66	27.61 ng	1547270	Phenanthrene-d10	11.23		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	93
2	Tridecane		184	C13H28	000629-50-5	93
3	Heneicosane		296	C21H44	000629-94-7	86
4	Hexadecane		226	C16H34	000544-76-3	86
5	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	80



Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102074.D
Acq On : 15 Jan 2018 20:27
Operator : SJ/JU
Sample : J1117-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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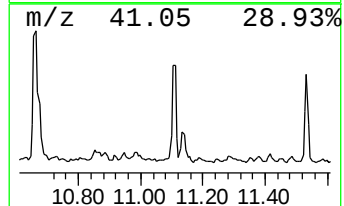
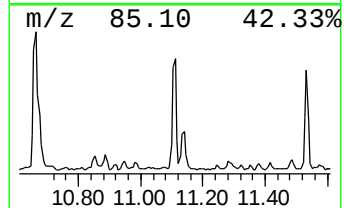
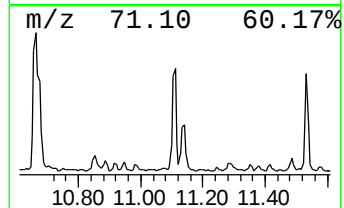
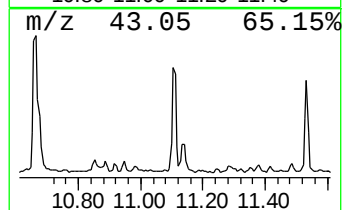
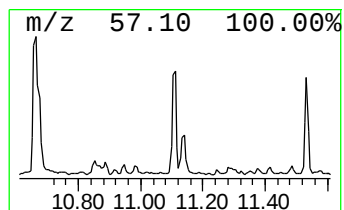
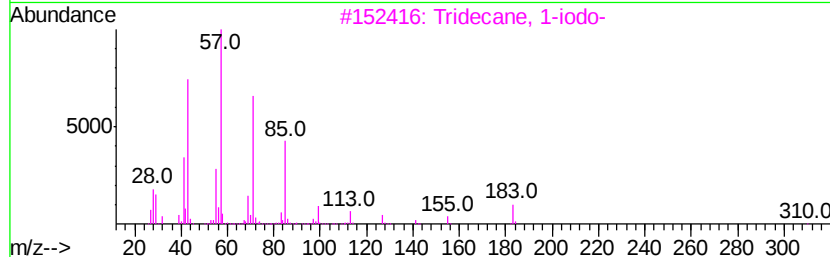
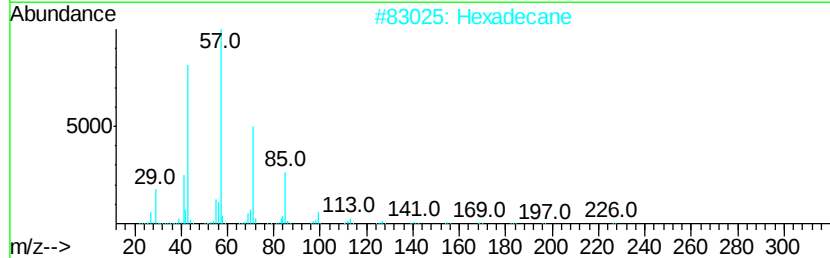
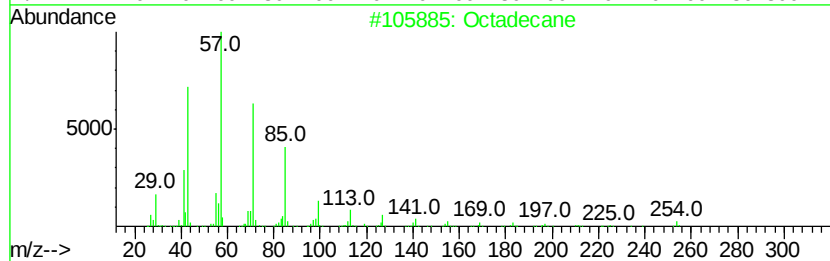
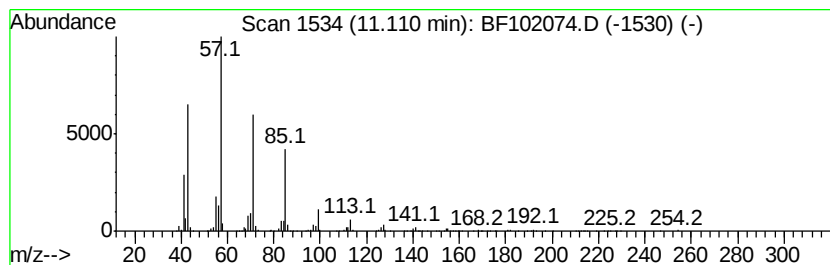
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	13.46 ng	754233	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5		Heptadecane	240	C17H36	000629-78-7	80



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011518\
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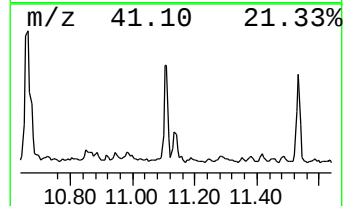
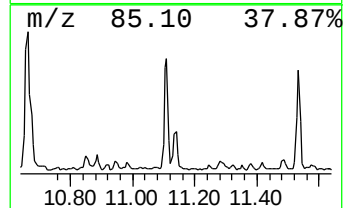
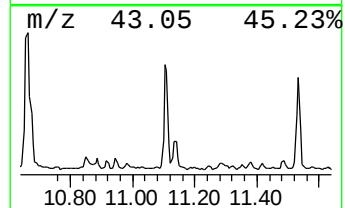
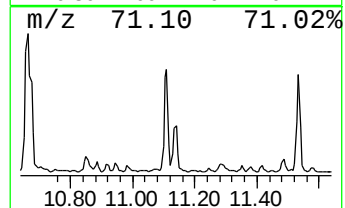
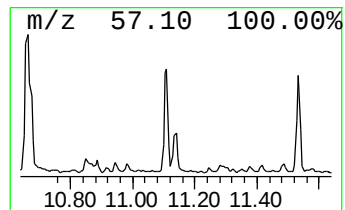
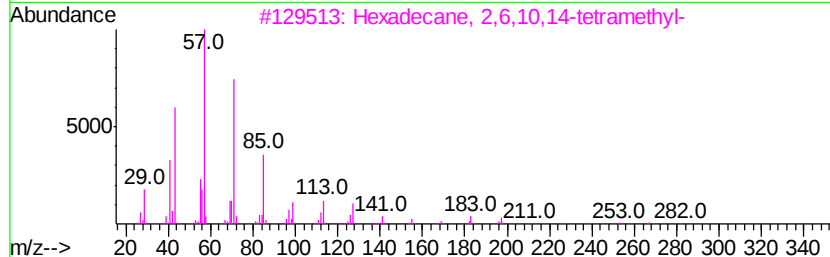
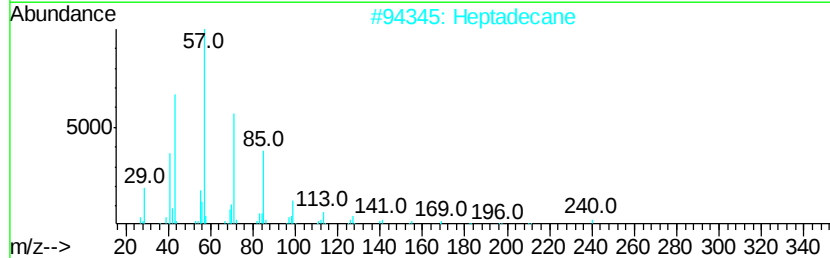
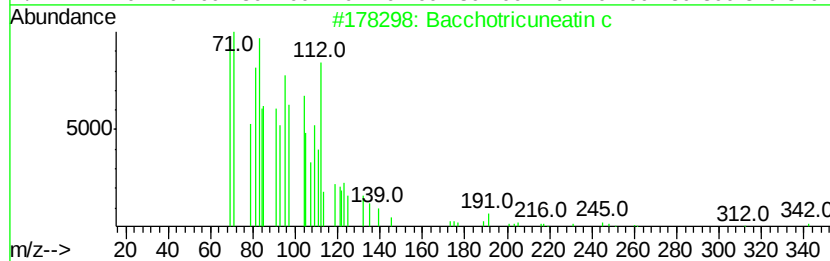
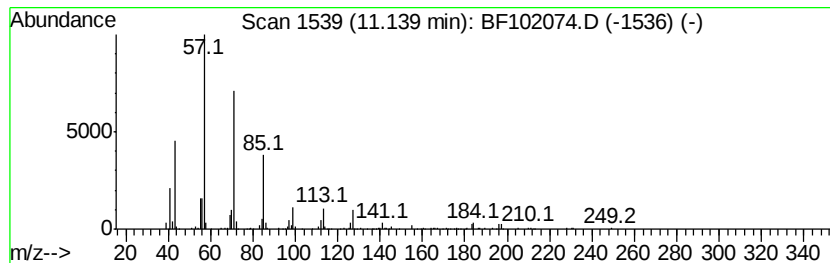
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UST-1 9.5-10.0

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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 Bacchotricuneatin c Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.14	6.61 ng	370334	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	90
2	Heptadecane	240	C17H36	000629-78-7	86
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4	Octacosane	394	C28H58	000630-02-4	80
5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	78



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011518\
Data File : BF102074.D
Acq On : 15 Jan 2018 20:27
Operator : SJ/JU
Sample : J1117-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0

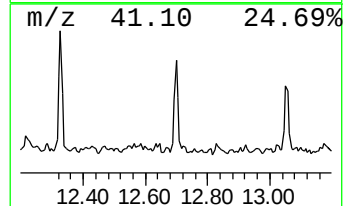
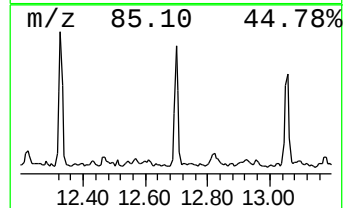
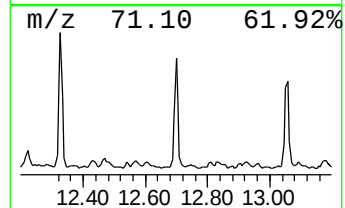
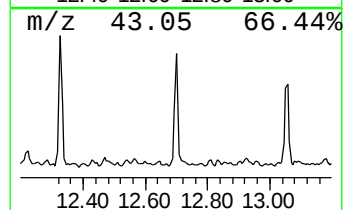
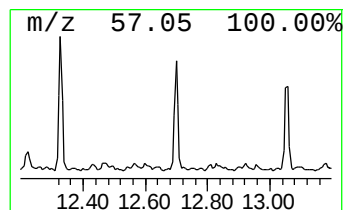
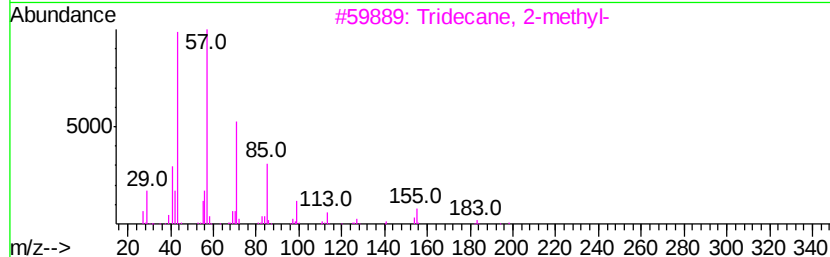
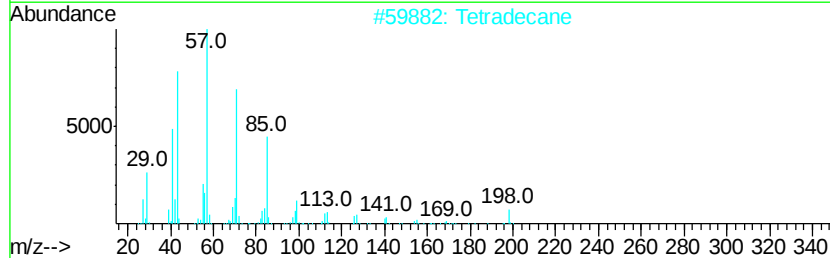
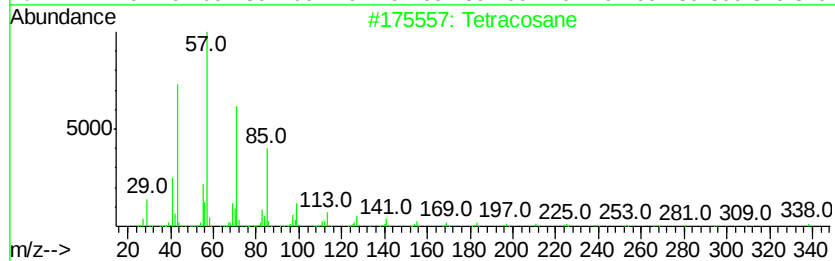
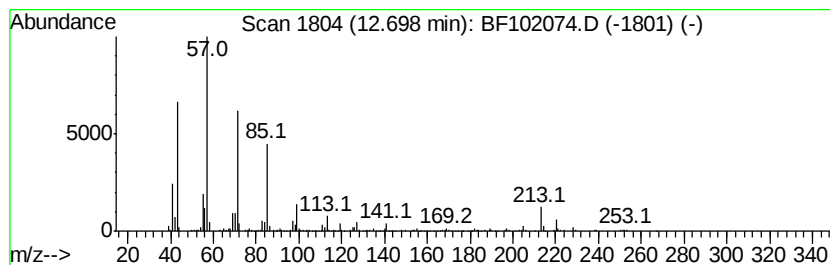
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	7.17 ng	370282	Chrysene-d12	13.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	83
2			Tetradecane	198	C14H30	000629-59-4	80
3			Tridecane, 2-methyl-	198	C14H30	001560-96-9	74
4			Hexadecane	226	C16H34	000544-76-3	72
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72



Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102074.D
Acq On : 15 Jan 2018 20:27
Operator : SJ/JU
Sample : J1117-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

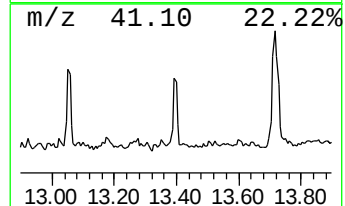
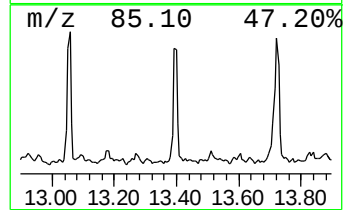
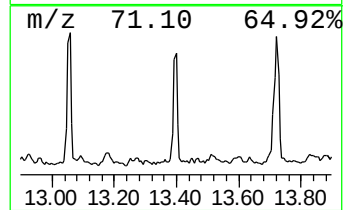
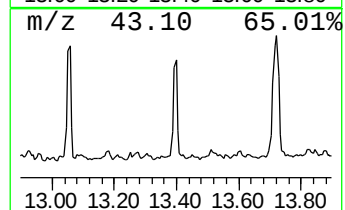
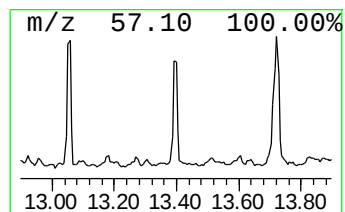
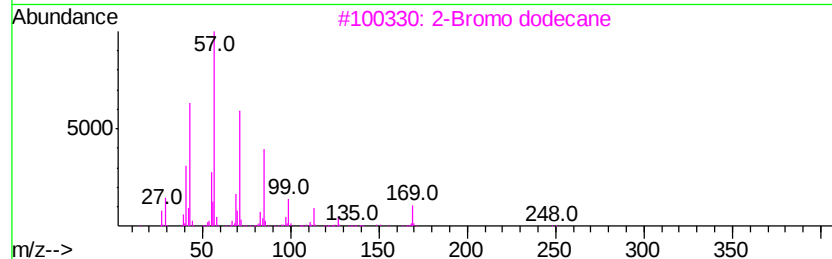
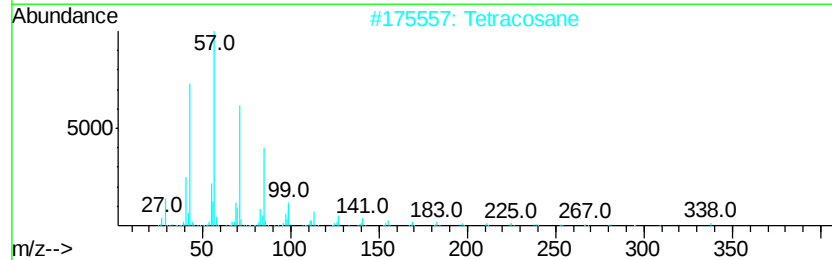
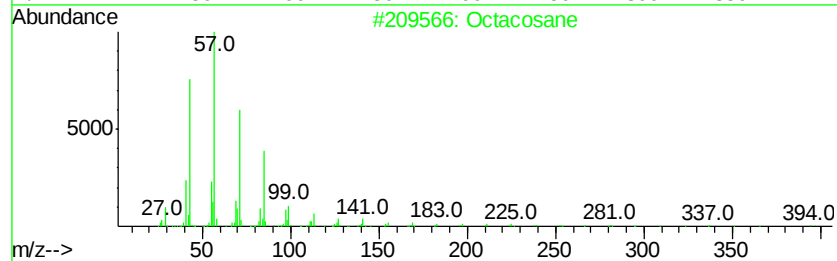
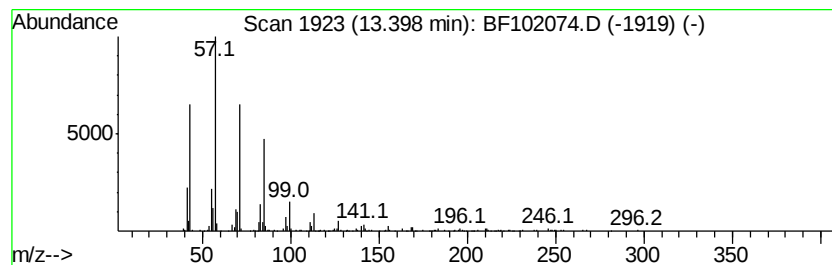
Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.40	4.87 ng	251256	Chrysene-d12		13.87
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Tetracosane	338	C24H50	000646-31-1	86
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78
5	Heptacosane	380	C27H56	000593-49-7	74



Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102074.D
Acq On : 15 Jan 2018 20:27
Operator : SJ/JU
Sample : J1117-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0

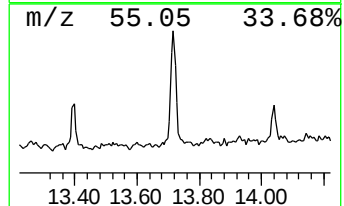
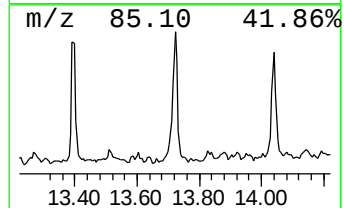
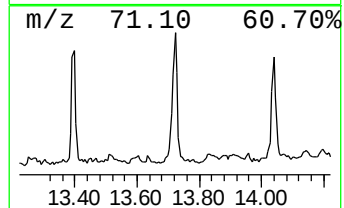
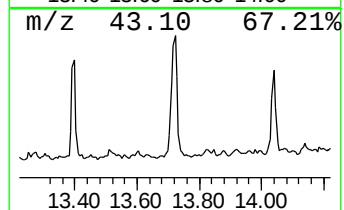
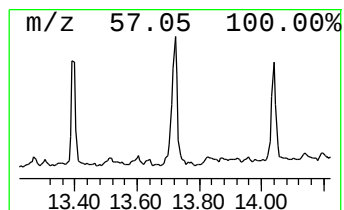
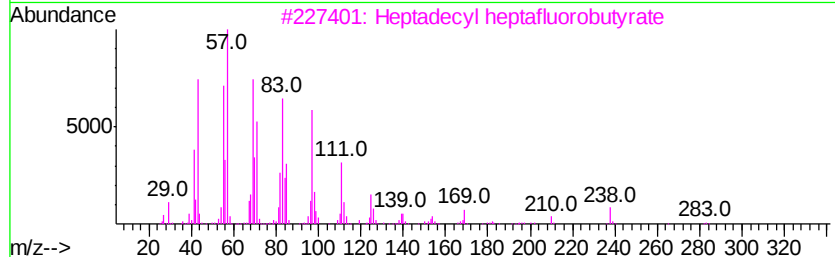
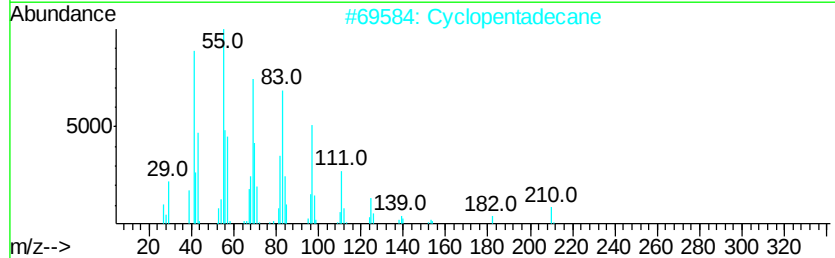
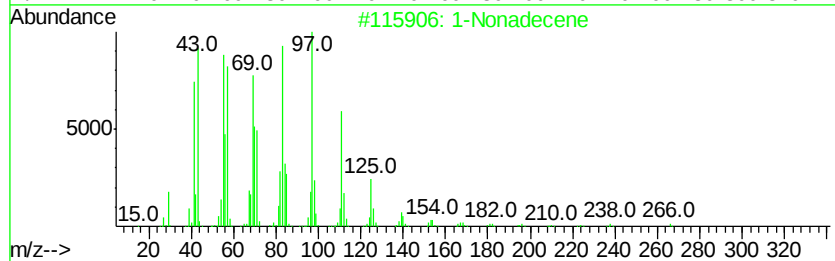
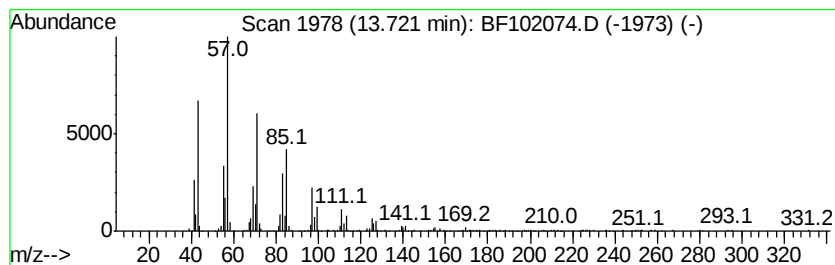
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Nonadecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	12.02 ng	620194	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	96
2		Cyclopentadecane	210	C15H30	000295-48-7	92
3		Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	91
4		Docosyl heptafluorobutvrate	522	C26H45F7O2	1000351-83-1	91
5		17-Pentatriacontene	491	C35H70	006971-40-0	91



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011518\
Data File : BF102074.D
Acq On : 15 Jan 2018 20:27
Operator : SJ/JU
Sample : J1117-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

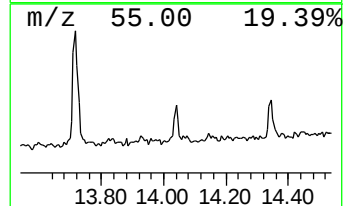
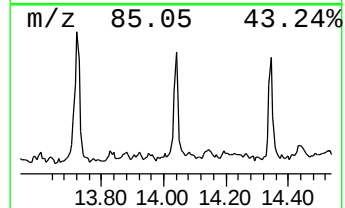
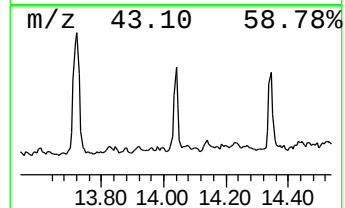
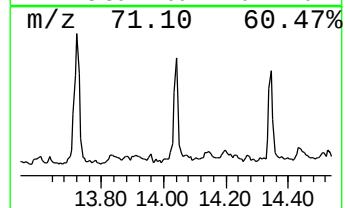
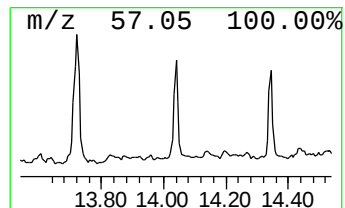
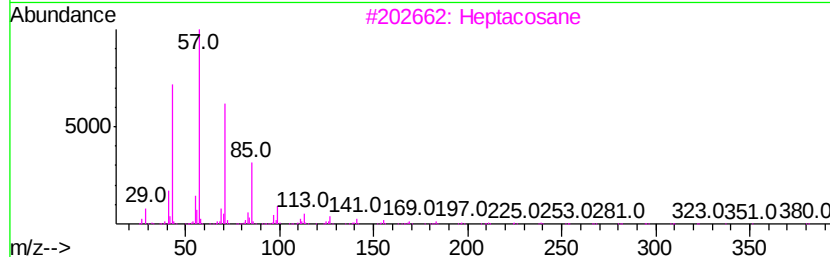
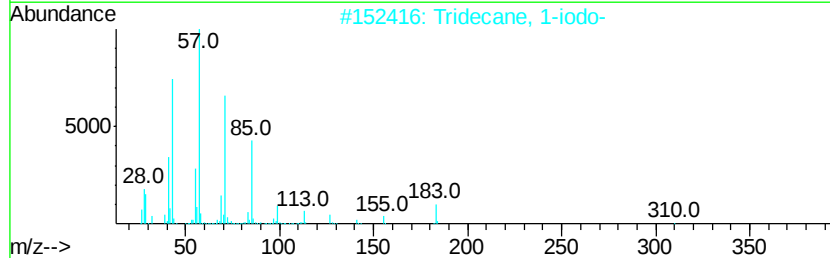
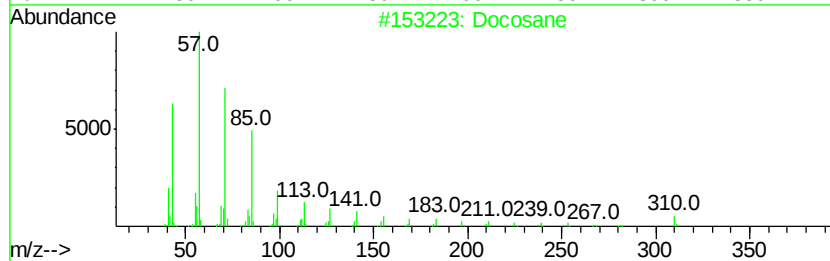
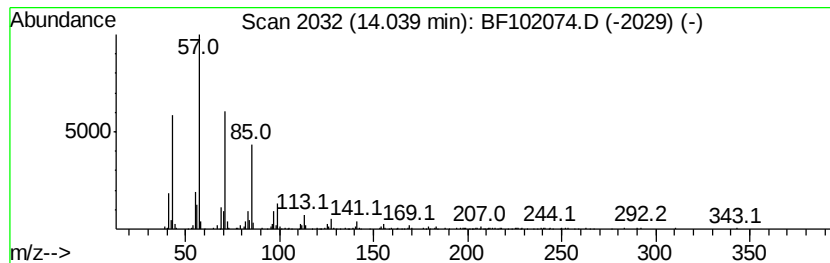
Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Docosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	4.02 ng	207680	Chrysene-d12	13.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Docosane		310 C22H46	000629-97-0 95
2	Tridecane, 1-iodo-		310 C13H27I	035599-77-0 93
3	Heptacosane		380 C27H56	000593-49-7 91
4	Octacosane		394 C28H58	000630-02-4 90
5	Tetradecane, 2,6,10-trimethyl-		240 C17H36	014905-56-7 87



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011518\
 Data File : BF102074.D
 Acq On : 15 Jan 2018 20:27
 Operator : SJ/JU
 Sample : J1117-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-1 9.5-10.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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...	4.93	12.8	ng	813408	1	6.72	1271160	20.0
unknown6.49	6.49	71.5	ng	4542120	1	6.72	1271160	20.0
Nonane, 5-butyl-	8.60	6.2	ng	622759	2	8.00	2009070	20.0
Tetradecane	9.16	12.7	ng	1037770	3	9.76	1630590	20.0
Eicosane	10.01	4.3	ng	347765	3	9.76	1630590	20.0
Hexadecane	10.19	12.8	ng	1044270	3	9.76	1630590	20.0
Heptacosane	10.41	6.6	ng	535083	3	9.76	1630590	20.0
Heptadecane	10.66	27.6	ng	1547270	4	11.23	1120840	20.0
Octadecane	11.11	13.5	ng	754233	4	11.23	1120840	20.0
Bacchotricuneatin c	11.14	6.6	ng	370334	4	11.23	1120840	20.0
Tetracosane	12.70	7.2	ng	370282	5	13.87	1032350	20.0
Octacosane	13.40	4.9	ng	251256	5	13.87	1032350	20.0
1-Nonadecene	13.72	12.0	ng	620194	5	13.87	1032350	20.0
Docosane	14.04	4.0	ng	207680	5	13.87	1032350	20.0