

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
 Data File : BF098671.D
 Acq On : 20 Sep 2017 20:24
 Operator : SJ/JU
 Sample : I5288-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-A-OILYSTONES

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-BF091117.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	4.793	456	460	481	rBV	272390	444851	14.40%	1.132%
2	5.228	530	534	553	rBV	2975500	3089663	100.00%	7.863%
3	6.281	708	713	723	rBV	2770119	2907571	94.11%	7.400%
4	6.392	728	732	738	rVB	3119722	2837255	91.83%	7.221%
5	6.616	767	770	775	rBV	535955	524466	16.97%	1.335%
6	6.698	780	784	793	rVV	319997	573506	18.56%	1.460%
7	6.775	793	797	804	rVB	2584854	2175339	70.41%	5.536%
8	7.192	864	868	871	rBV	1877039	1609723	52.10%	4.097%
9	7.904	983	989	992	rBV	673092	645340	20.89%	1.642%
10	8.328	1057	1061	1065	rBV	150188	190248	6.16%	0.484%
11	8.498	1087	1090	1093	rBV2	152929	135819	4.40%	0.346%
12	8.928	1161	1163	1166	rVB	189462	135820	4.40%	0.346%
13	8.981	1166	1172	1175	rBV	2845836	2309742	74.76%	5.878%
14	9.063	1180	1186	1190	rBV3	254949	389394	12.60%	0.991%
15	9.322	1226	1230	1232	rBV	817703	688619	22.29%	1.753%
16	9.381	1237	1240	1243	rVV2	825212	764455	24.74%	1.946%
17	9.410	1243	1245	1248	rVV3	204854	206626	6.69%	0.526%
18	9.439	1248	1250	1253	rVB2	108055	104403	3.38%	0.266%
19	9.516	1260	1263	1265	rBV2	138518	163974	5.31%	0.417%
20	9.557	1268	1270	1274	rVB	317636	316213	10.23%	0.805%
21	9.592	1274	1276	1279	rBV	283681	281051	9.10%	0.715%
22	9.633	1280	1283	1284	rVV	264290	287617	9.31%	0.732%
23	9.651	1284	1286	1290	rVB	645512	666455	21.57%	1.696%
24	9.828	1312	1316	1319	rBV3	278647	443818	14.36%	1.130%
25	9.880	1323	1325	1328	rVB	182028	134846	4.36%	0.343%
26	9.916	1328	1331	1334	rBV2	425360	391894	12.68%	0.997%
27	9.951	1335	1337	1339	rBV	192918	139147	4.50%	0.354%
28	10.057	1353	1355	1357	rBV2	195088	127399	4.12%	0.324%
29	10.092	1359	1361	1364	rBV	357226	328416	10.63%	0.836%
30	10.192	1376	1378	1380	rBV2	193715	192596	6.23%	0.490%
31	10.316	1394	1399	1401	rBV2	891794	1252587	40.54%	3.188%
32	10.339	1401	1403	1405	rVB	307303	213560	6.91%	0.544%
33	10.369	1405	1408	1410	rVB	453158	349785	11.32%	0.890%
34	10.398	1410	1413	1416	rBV	565020	493672	15.98%	1.256%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.445	1416	1421	1425	rBV3	1235344	1902401	61.57%	4.842%
36	10.586	1440	1445	1450	rBV2	991145	2304893	74.60%	5.866%
37	10.769	1472	1476	1480	rBV2	1465536	2498905	80.88%	6.360%
38	10.833	1484	1487	1489	rBV2	535073	542001	17.54%	1.379%
39	10.863	1489	1492	1495	rBV	483644	584845	18.93%	1.488%
40	10.898	1495	1498	1502	rBV2	975966	1377411	44.58%	3.506%
41	11.057	1522	1525	1531	rVB	1553937	2439133	78.94%	6.208%
42	11.222	1548	1553	1555	rBV2	1070916	2126537	68.83%	5.412%

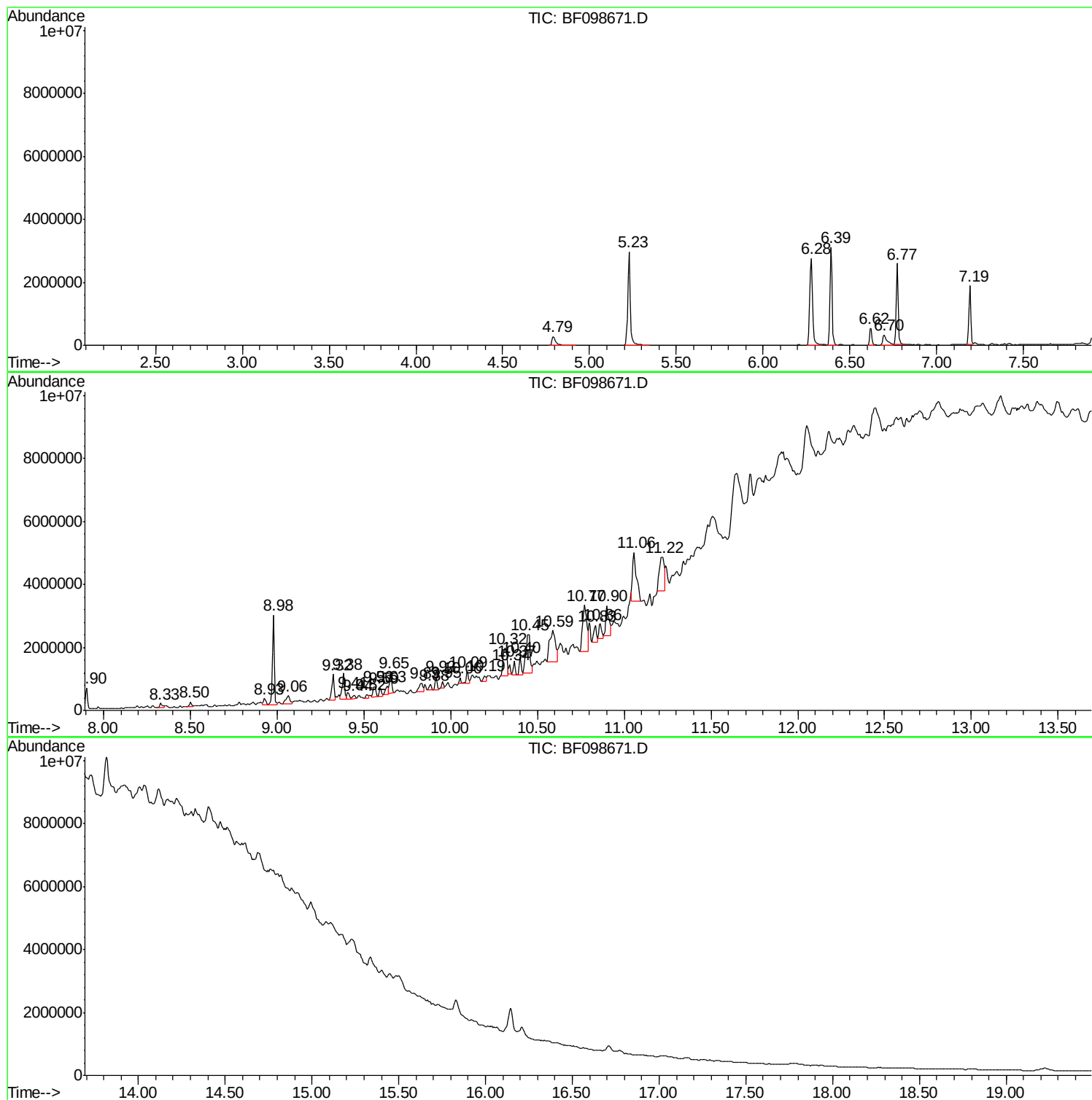
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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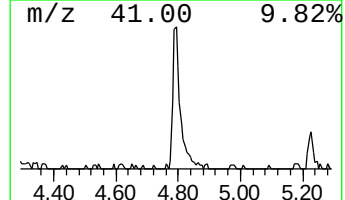
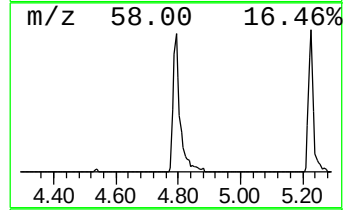
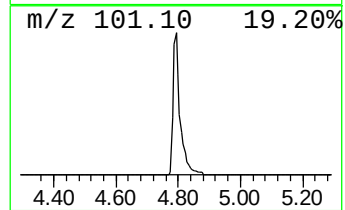
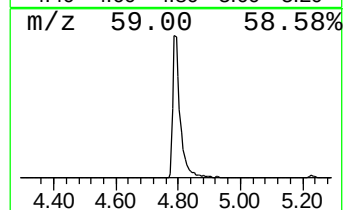
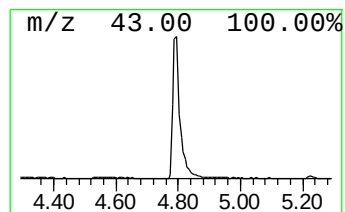
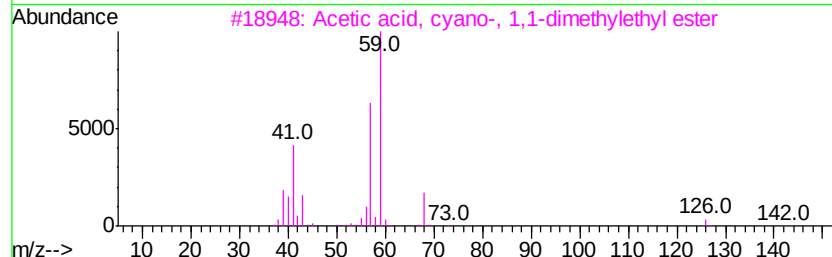
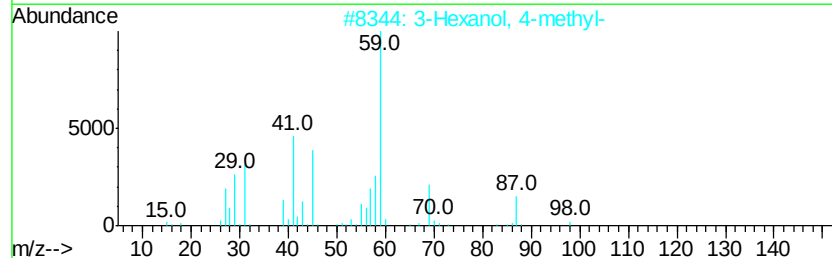
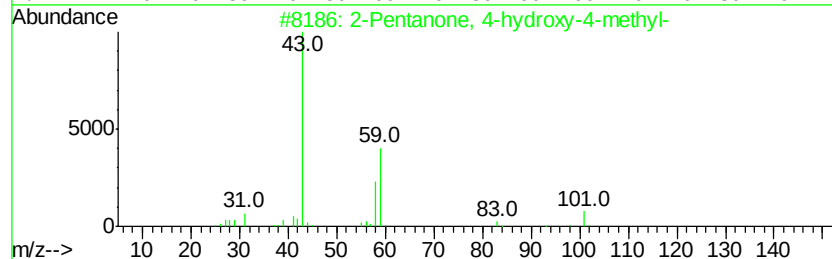
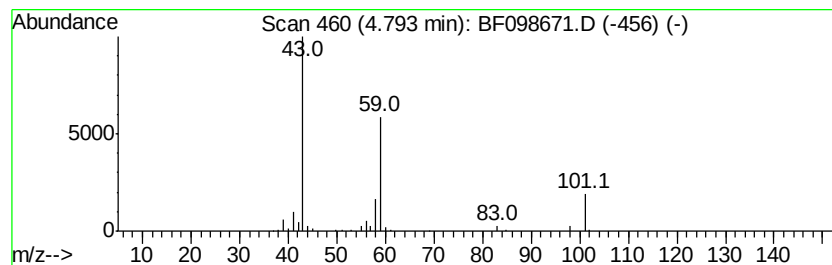
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	16.96 ng	444851	1,4-Dichlorobenzene-d4	6.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5			Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9



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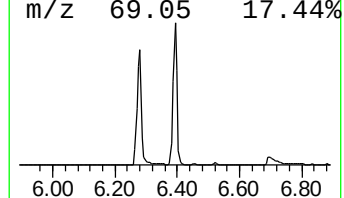
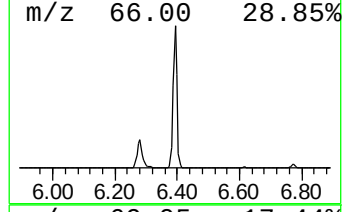
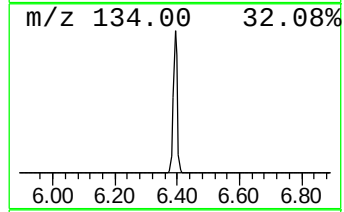
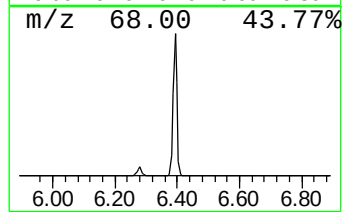
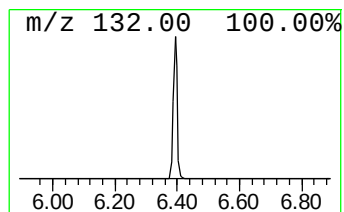
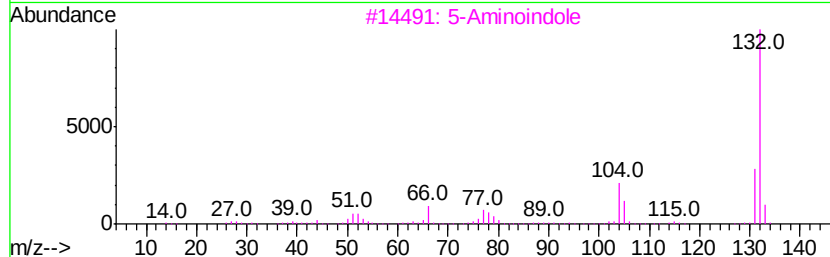
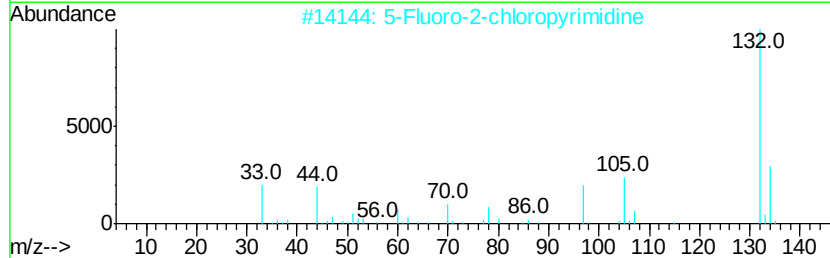
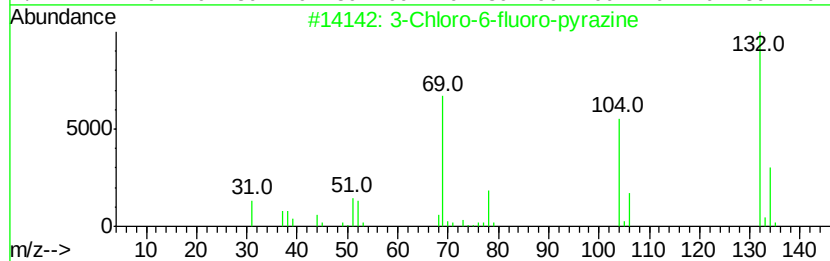
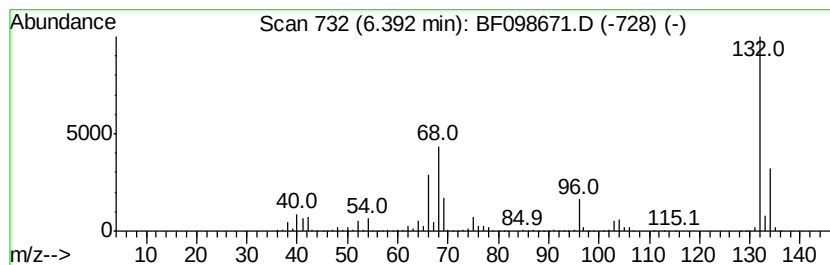
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Peak Number 2 unknown6.39 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	108.20 ng	2837260	1,4-Dichlorobenzene-d4	6.62

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



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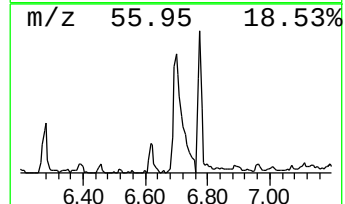
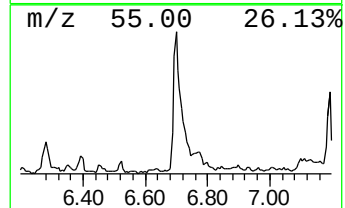
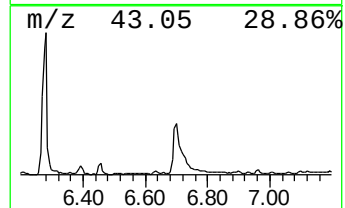
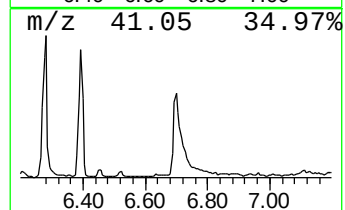
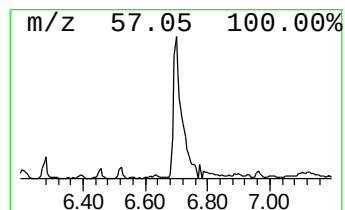
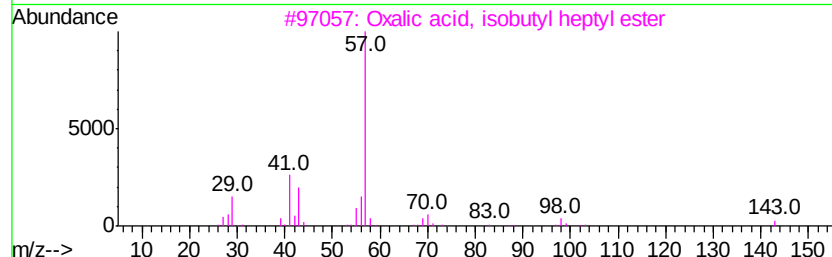
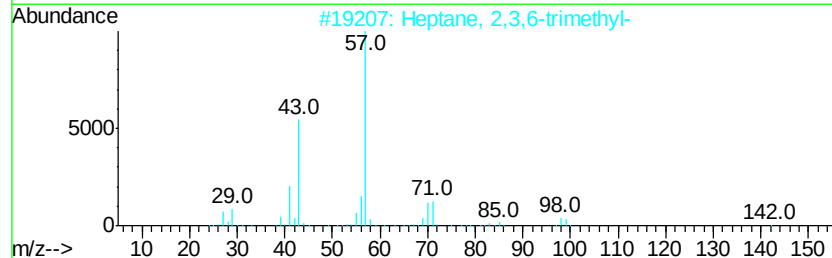
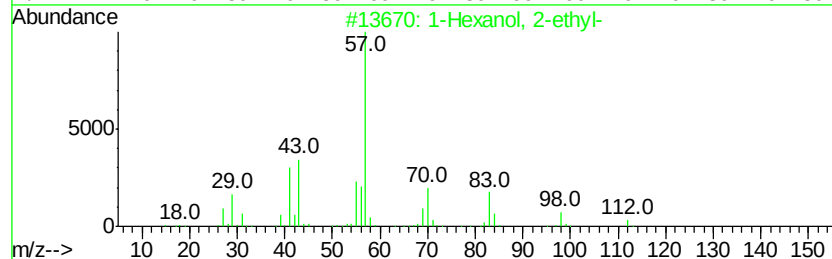
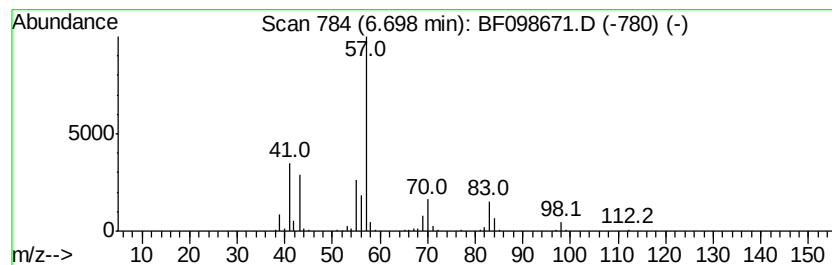
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	21.87 ng	573506	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2		Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	72
3		Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	53
4		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
5		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	45



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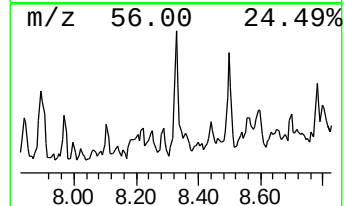
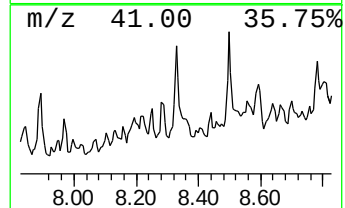
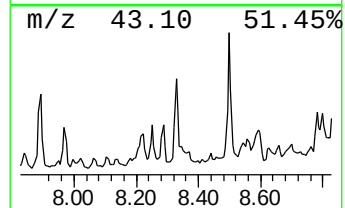
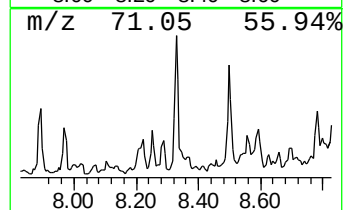
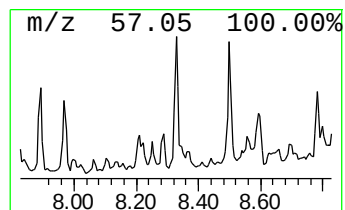
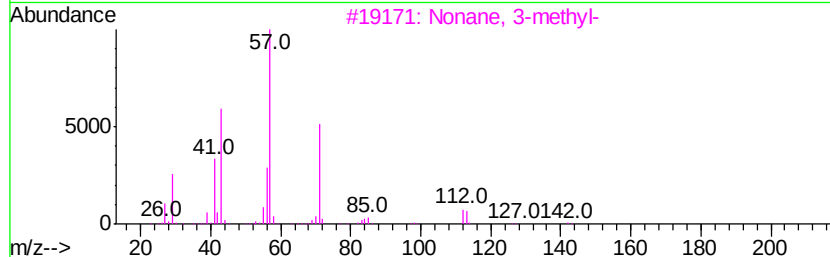
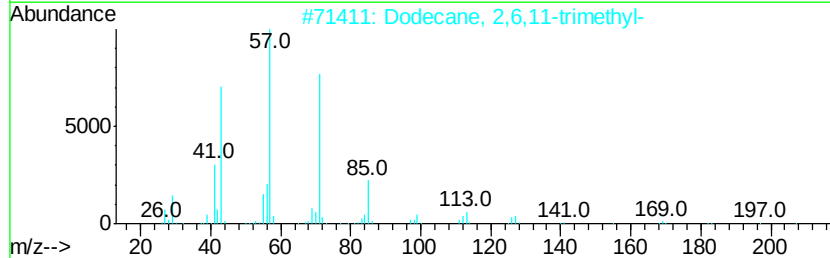
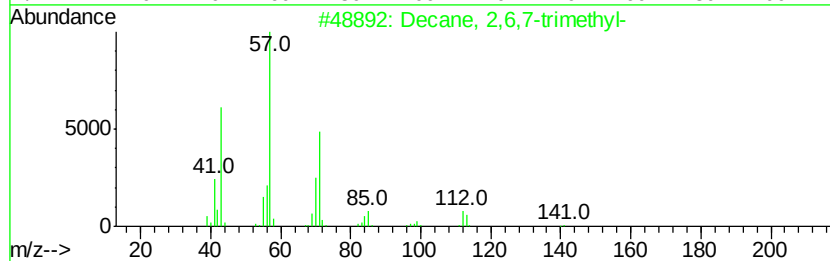
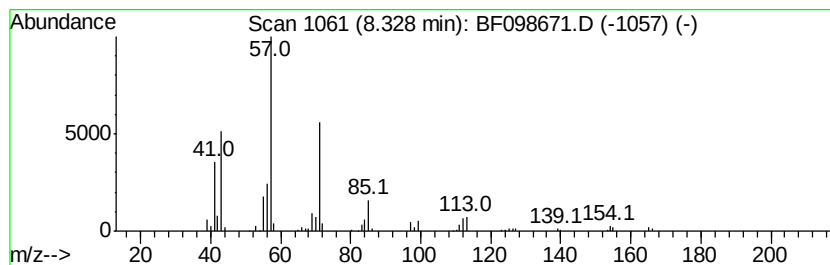
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Decane, 2,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	5.90 ng	190248	Napthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	64
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59



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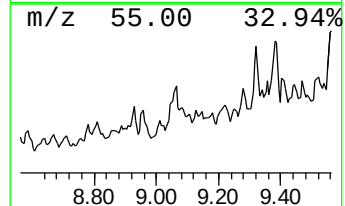
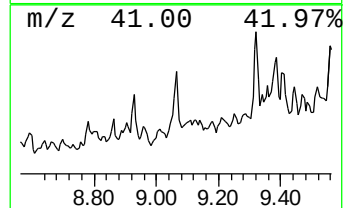
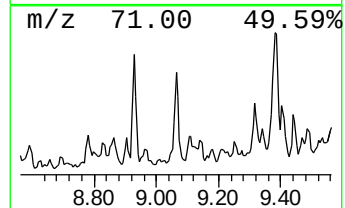
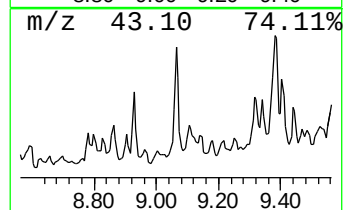
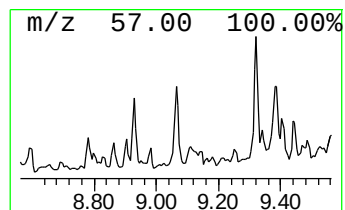
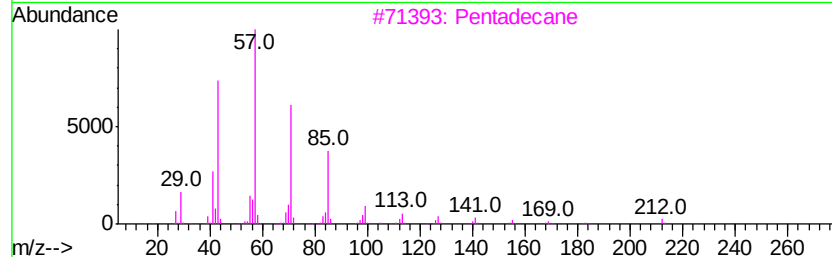
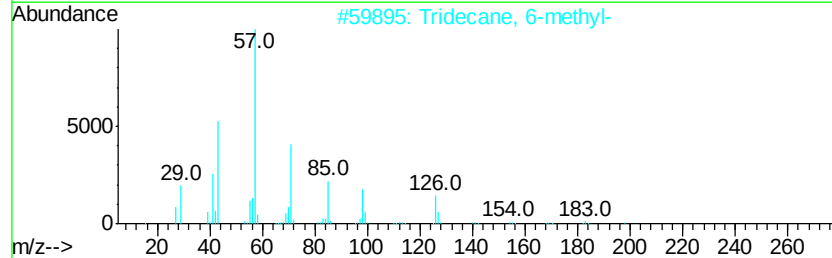
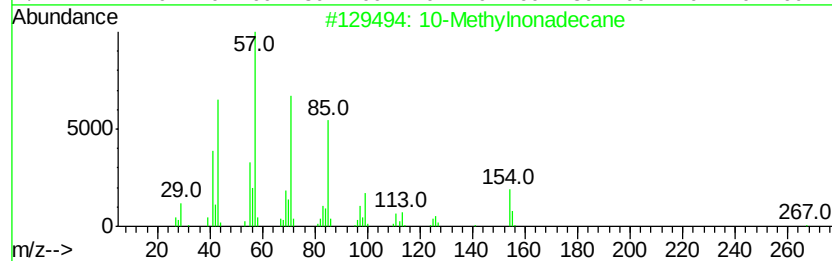
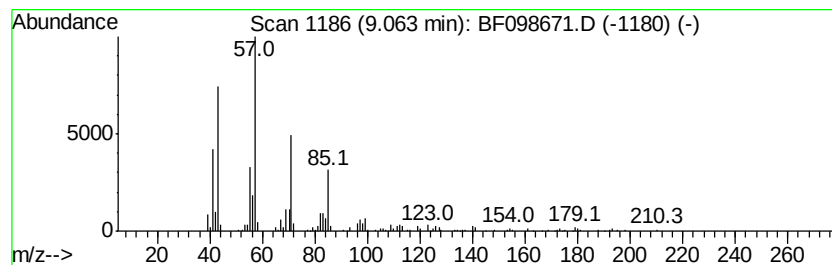
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 10-Methylnonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.		
9.06	11.69 ng	389394	Acenaphthene-d10		9.65		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Methylnonadecane	282	C20H42	056862-62-5	83
2			Tridecane, 6-methyl-	198	C14H30	013287-21-3	70
3			Pentadecane	212	C15H32	000629-62-9	64
4			Tridecane	184	C13H28	000629-50-5	64
5			Hexadecane	226	C16H34	000544-76-3	64



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Acq On : 20 Sep 2017 20:24
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Sample : I5288-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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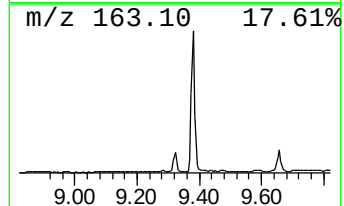
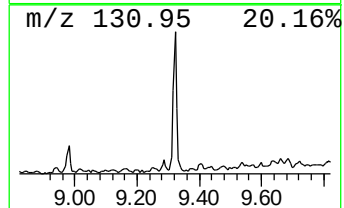
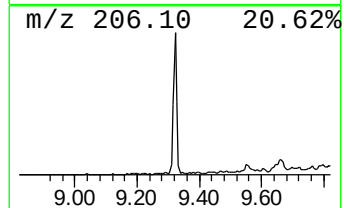
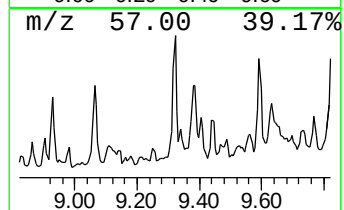
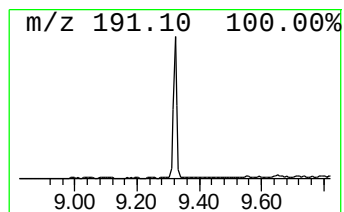
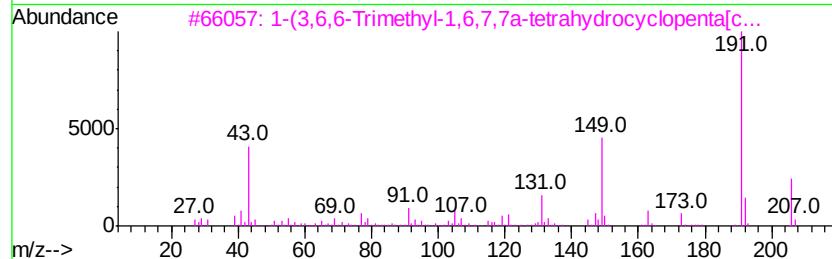
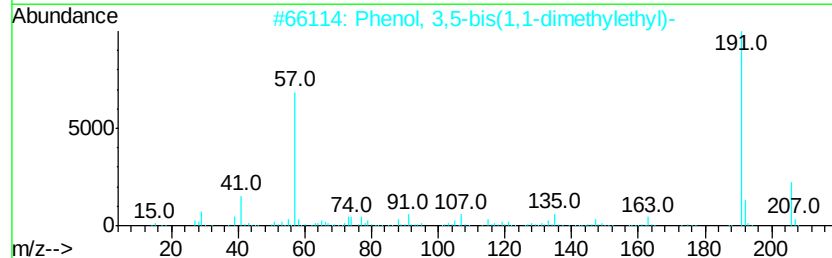
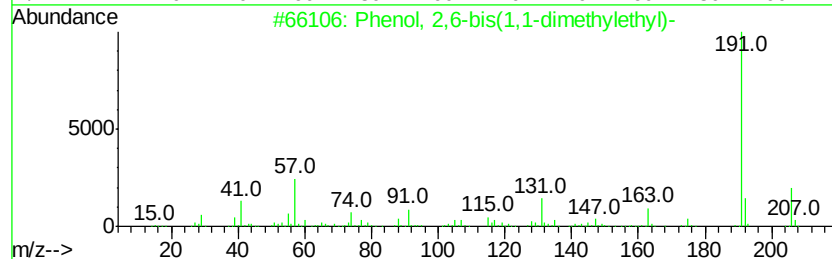
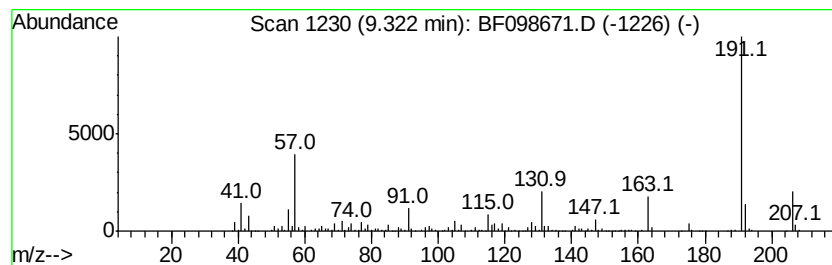
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	20.67 ng	688619	Acenaphthene-d10	9.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	93
2		Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	74
3		1-(3,6,6-Trimethyl-1,6,7,7a-tetr...	206	C13H18O2	1000194-97-2	74
4		Benzeneacetic acid, 4-(1,1-dimet...	206	C13H18O2	003549-23-3	72
5		Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	64



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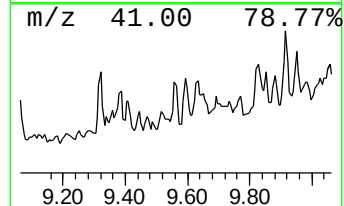
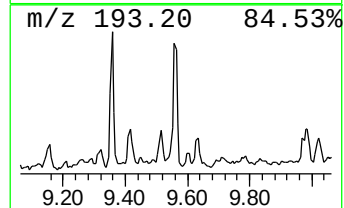
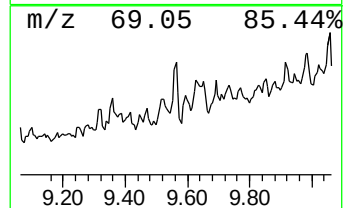
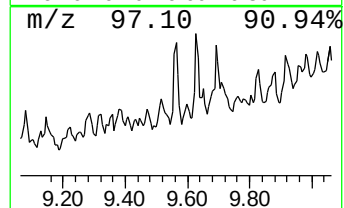
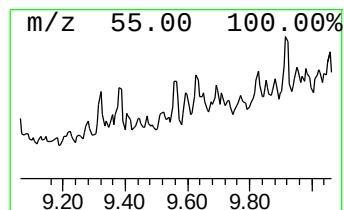
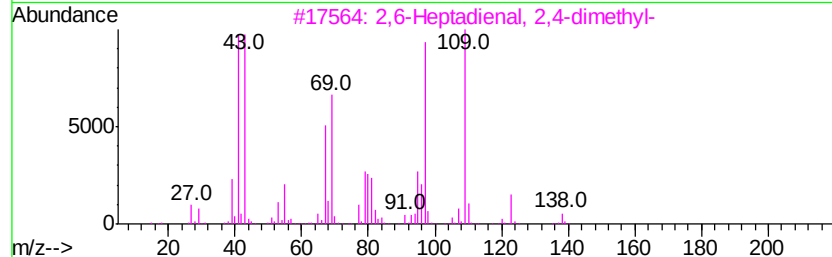
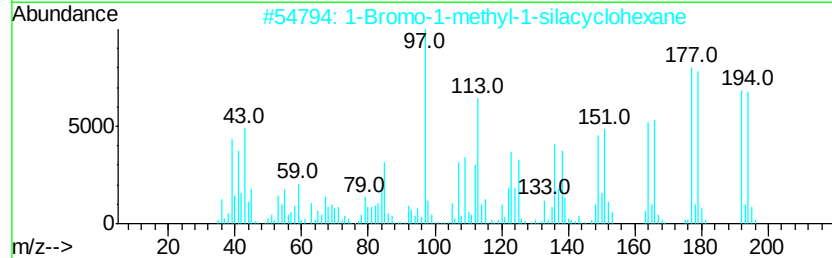
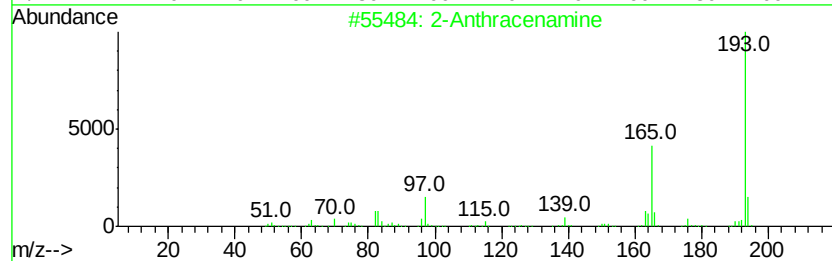
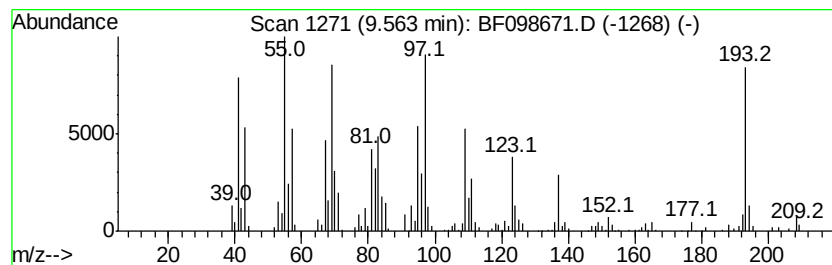
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.56 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	9.49 ng	316213	Acenaphthene-d10	9.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2		Anthracenamine	193	C14H11N	000613-13-8	46
2	1		Bromo-1-methyl-1-silacyclohexane	192	C6H13BrSi	085125-32-2	35
3	2,6		Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	30
4	1		Heptyne, 3-ethoxy-3,4-dimethyl-	168	C11H20O	054411-04-0	22
5			Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	20



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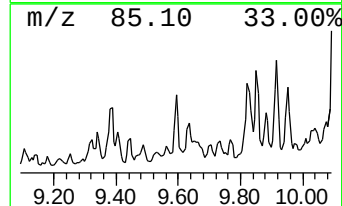
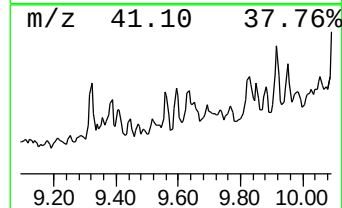
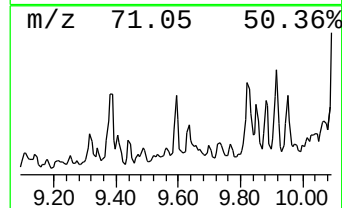
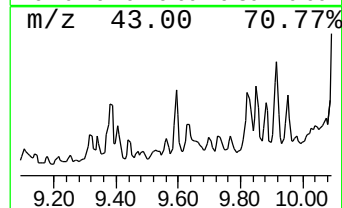
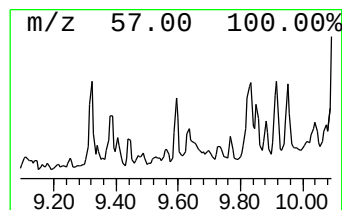
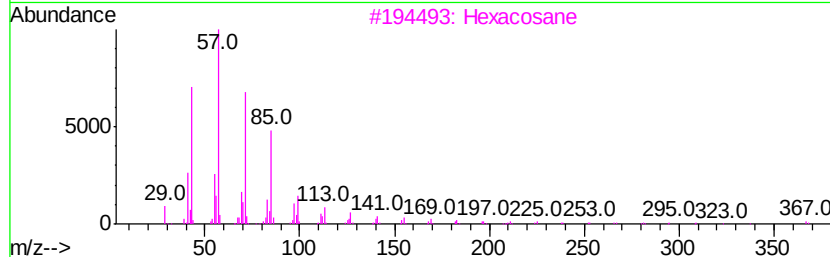
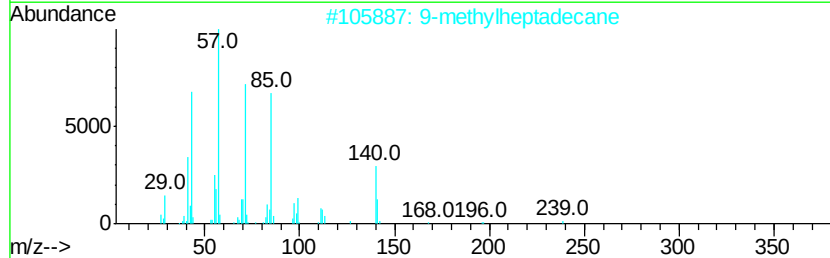
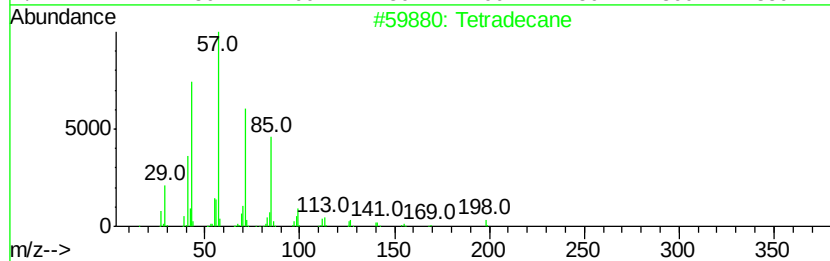
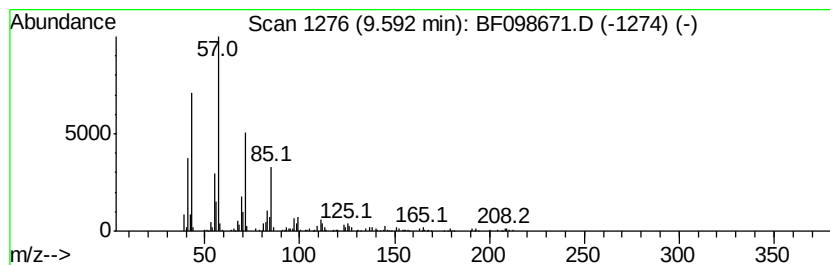
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	8.43 ng	281051	Acenaphthene-d10	9.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	80
2		9-methylheptadecane	254	C18H38	026741-18-4	80
3		Hexacosane	366	C26H54	000630-01-3	72
4		Dotriacontane	451	C32H66	000544-85-4	72
5		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	64



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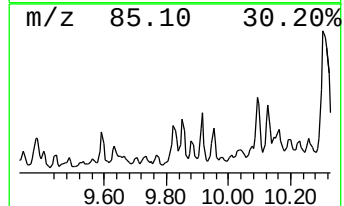
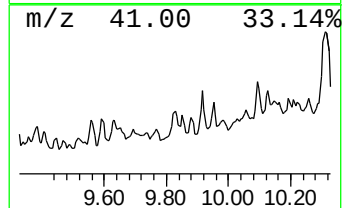
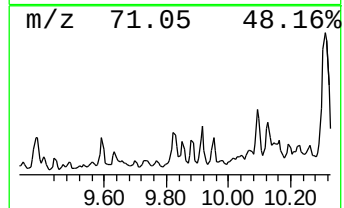
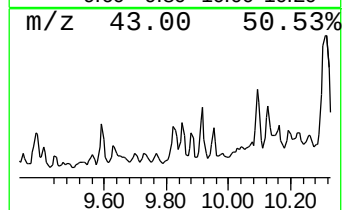
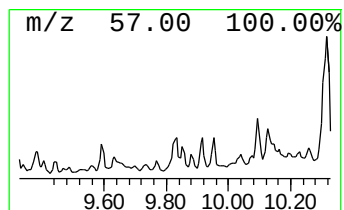
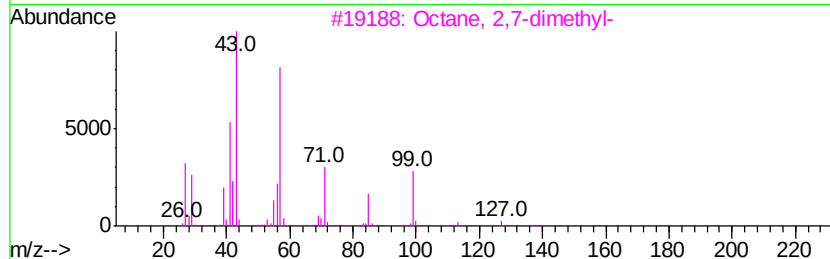
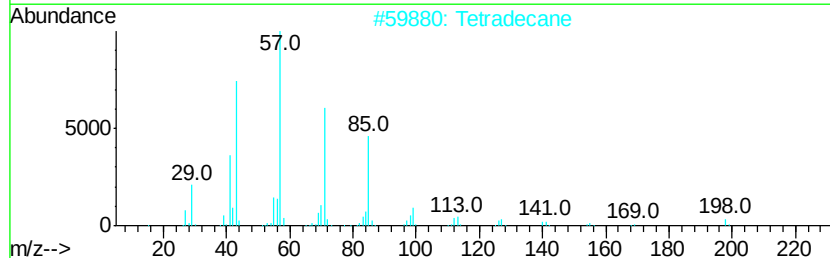
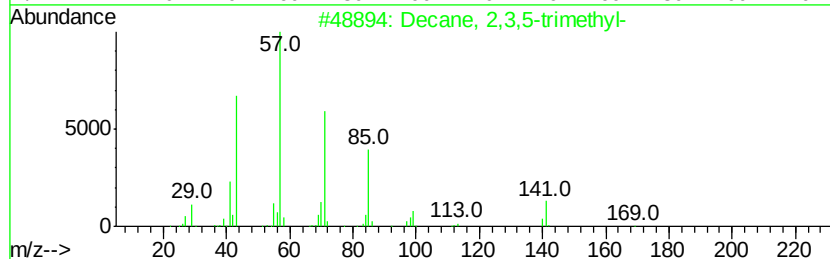
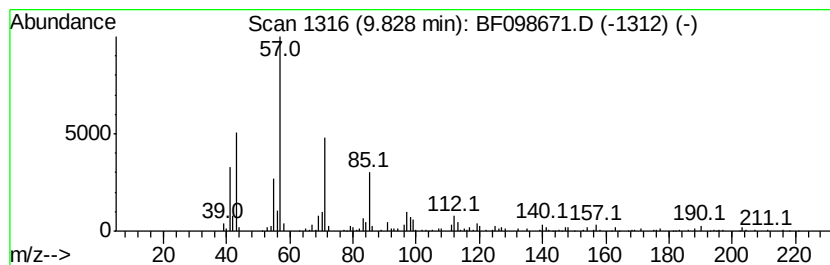
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decane, 2,3,5-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	13.32 ng	443818	Acenaphthene-d10	9.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
2		Tetradecane	198	C14H30	000629-59-4	58
3		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	53
4		Tridecane	184	C13H28	000629-50-5	53
5		Hexadecane	226	C16H34	000544-76-3	50



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Misc :
ALS Vial : 19 Sample Multiplier: 1

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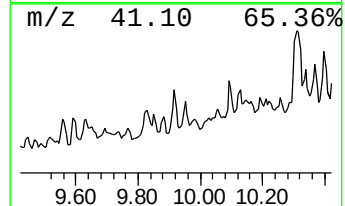
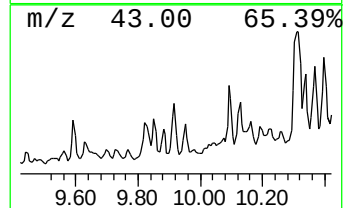
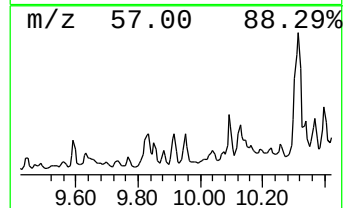
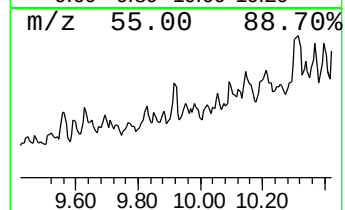
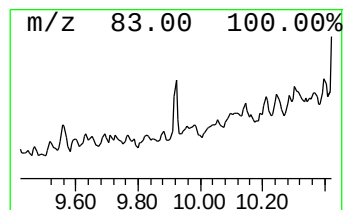
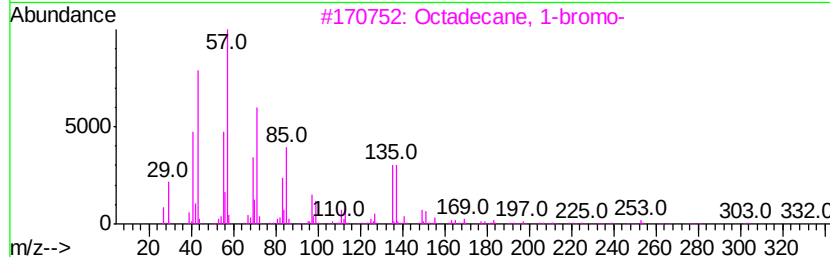
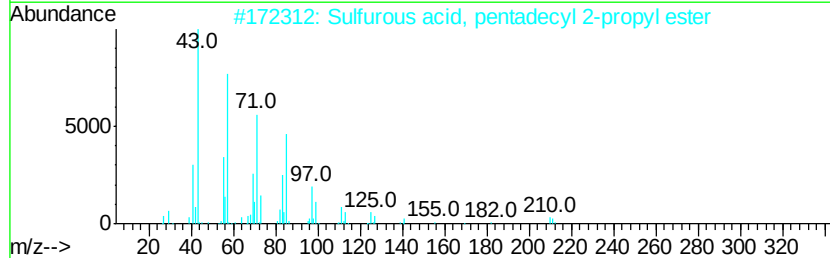
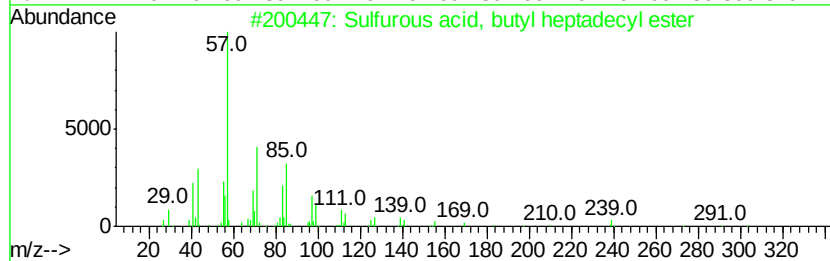
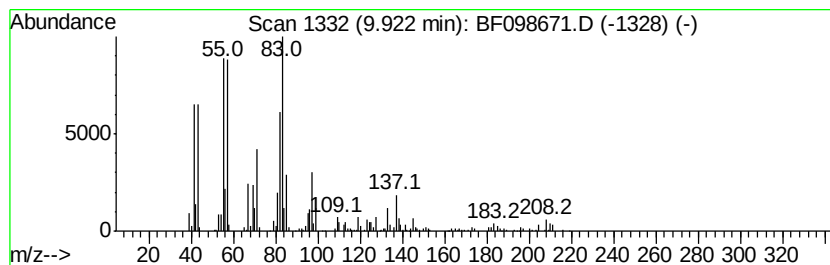
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Sulfurous acid, butyl hepta... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	11.76 ng	391894	Acenaphthene-d10	9.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	90
2			Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	86
3			Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	86
4			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	86
5			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	80



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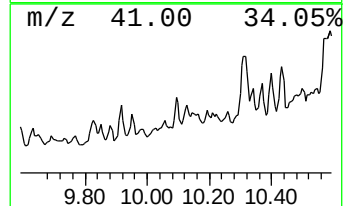
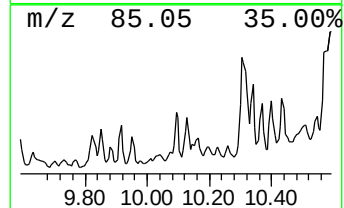
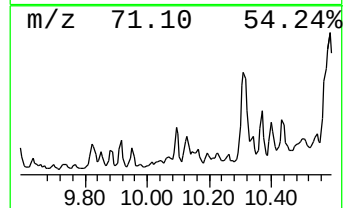
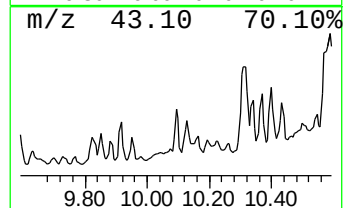
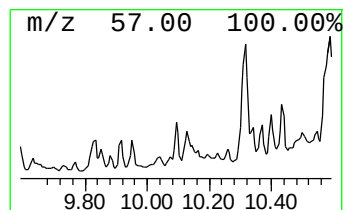
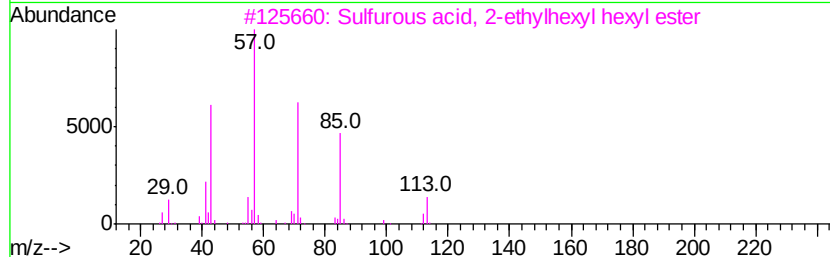
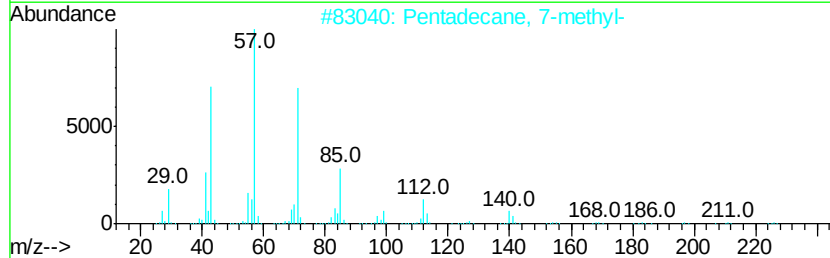
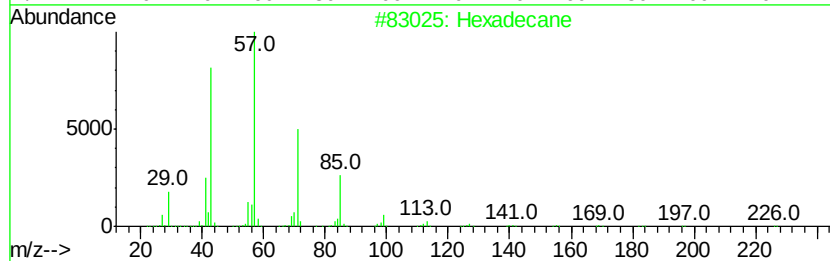
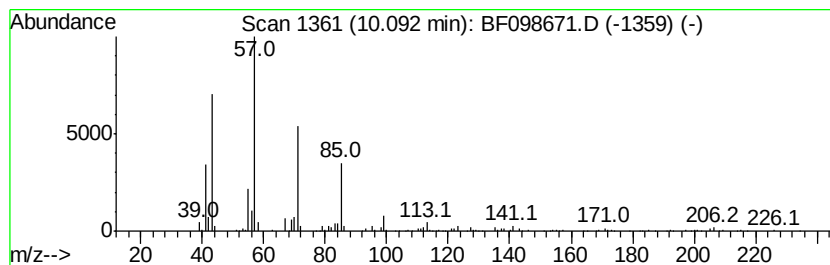
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	9.86 ng	328416	Acenaphthene-d10	9.65
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane		226 C16H34	000544-76-3 94
2	Pentadecane, 7-methyl-		226 C16H34	006165-40-8 90
3	Sulfurous acid, 2-ethylhexyl hex...		278 C14H30O3S	1000309-20-2 80
4	Tridecane, 1-iodo-		310 C13H27I	035599-77-0 78
5	Decane, 2,3,8-trimethyl-		184 C13H28	062238-14-6 72



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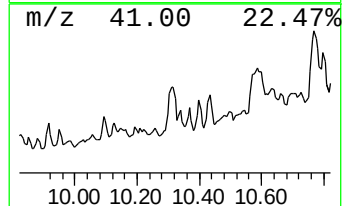
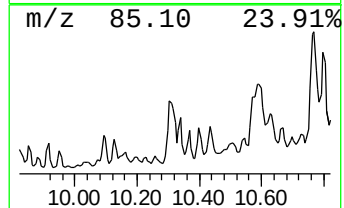
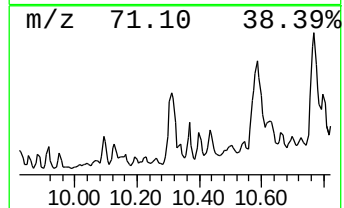
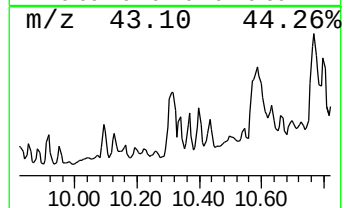
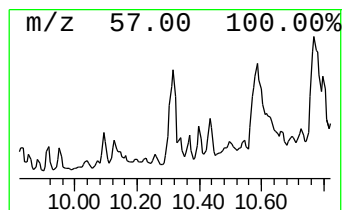
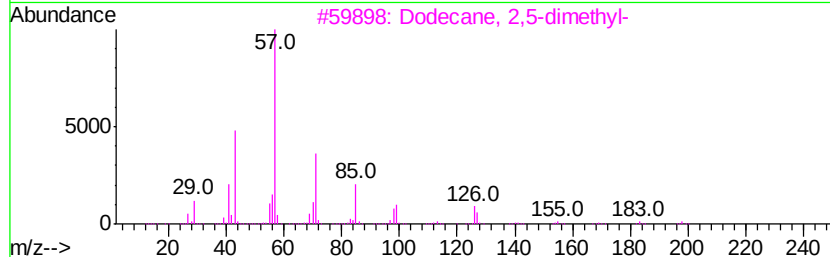
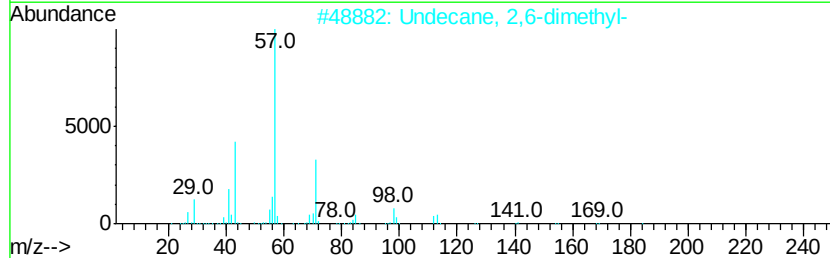
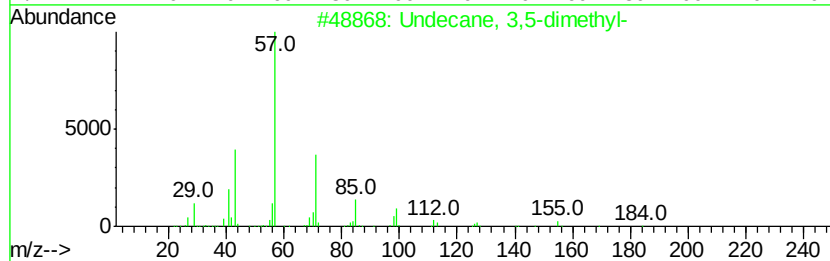
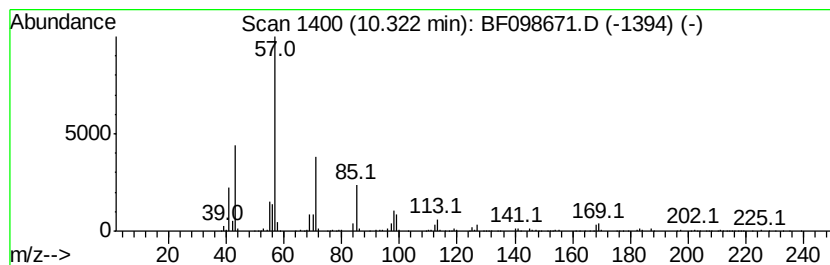
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ClientSampleId :
DRUM-A-OILYSTONES

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.32	37.59 ng	1252590	Acenaphthene-d10	9.65	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	87
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
3	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	78
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	74
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092017\
Data File : BF098671.D
Acq On : 20 Sep 2017 20:24
Operator : SJ/JU
Sample : I5288-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DRUM-A-OILYSTONES

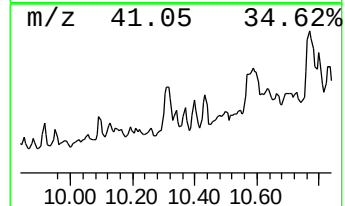
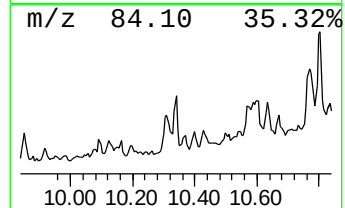
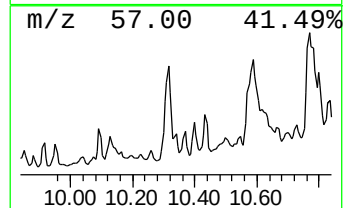
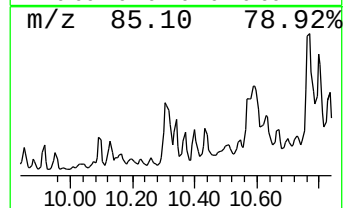
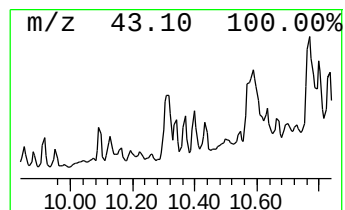
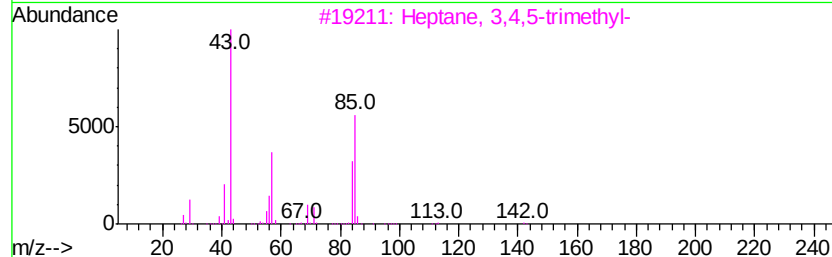
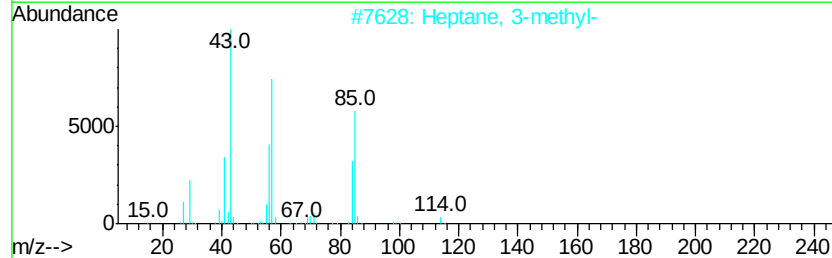
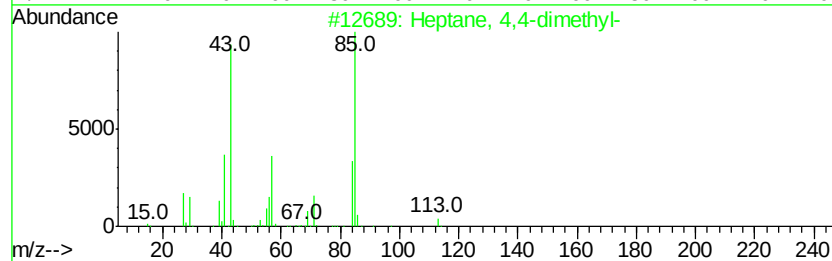
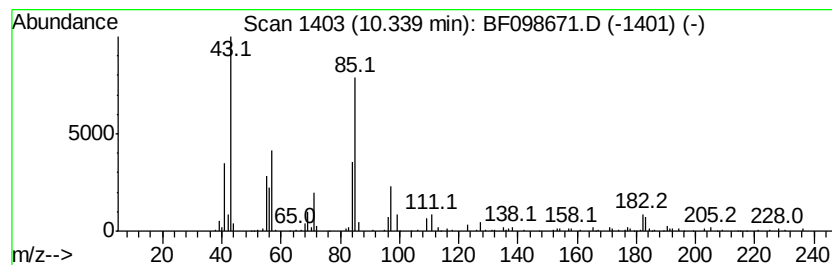
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptane, 4,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	6.41 ng	213560	Acenaphthene-d10	9.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	72
2		Heptane, 3-methyl-	114	C8H18	000589-81-1	53
3		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	52
4		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
5		2-Methylpentyl isovalerate	186	C11H22O2	1000236-38-7	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092017\
Data File : BF098671.D
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DRUM-A-OILYSTONES

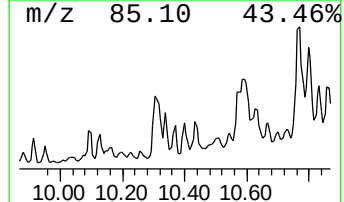
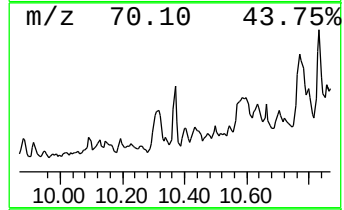
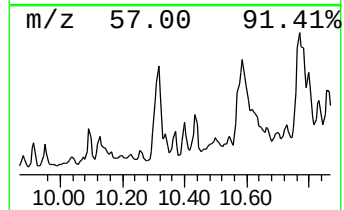
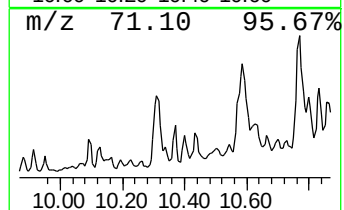
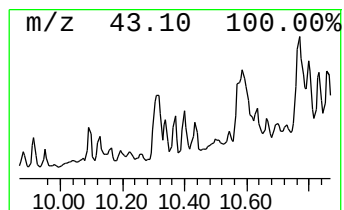
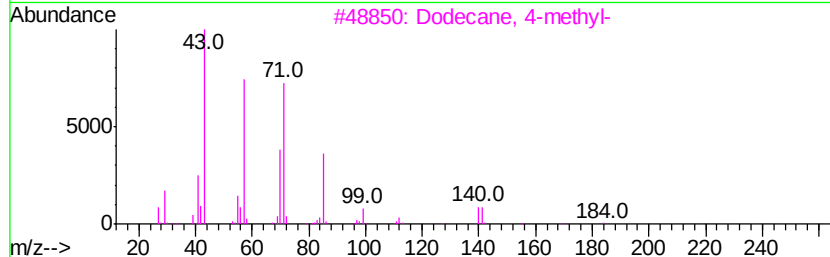
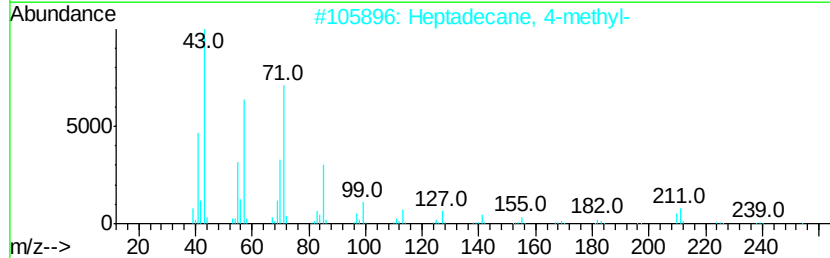
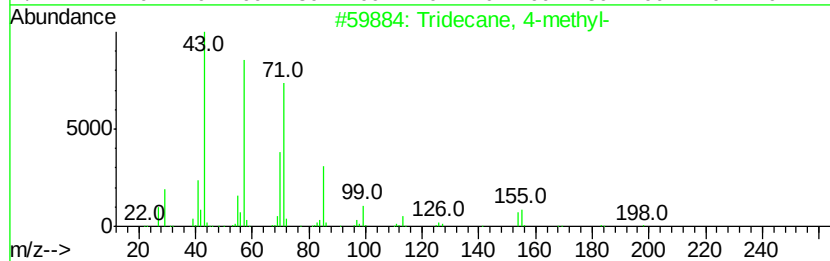
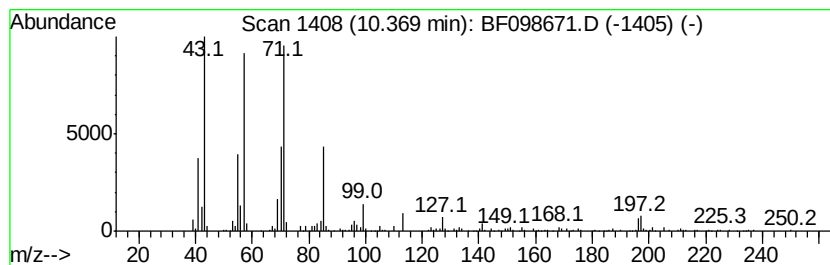
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	10.50 ng	349785	Acenaphthene-d10	9.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	86
2		Heptadecane, 4-methyl-	254	C18H38	026429-11-8	86
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	80
4		Hexadecane, 4-methyl-	240	C17H36	025117-26-4	72
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098671.D
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Operator : SJ/JU
Sample : I5288-01
Misc :
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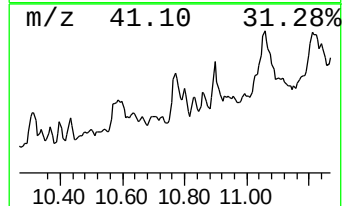
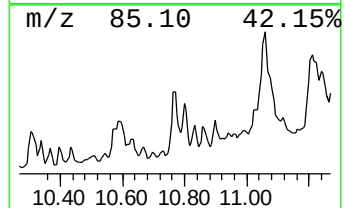
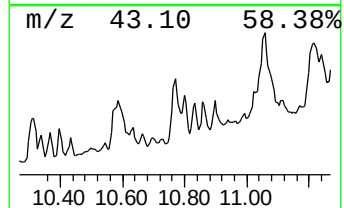
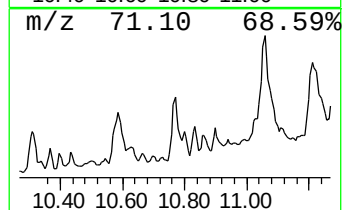
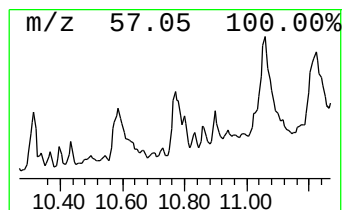
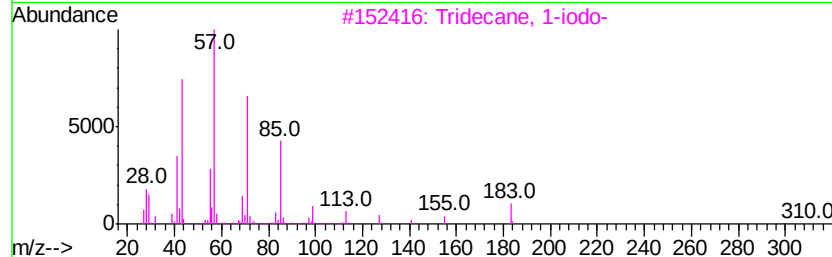
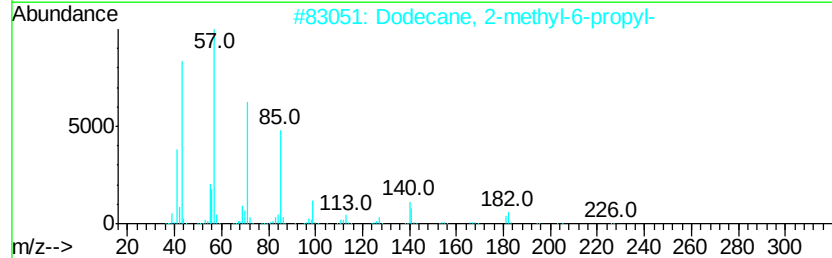
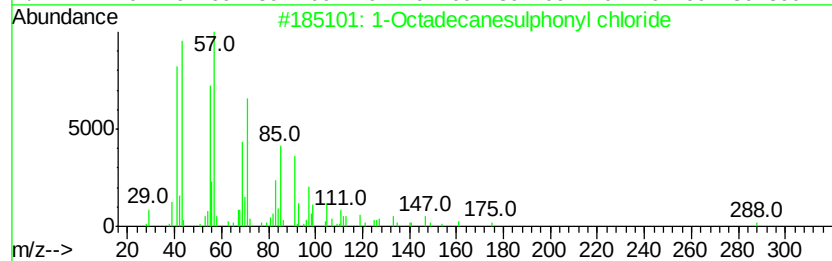
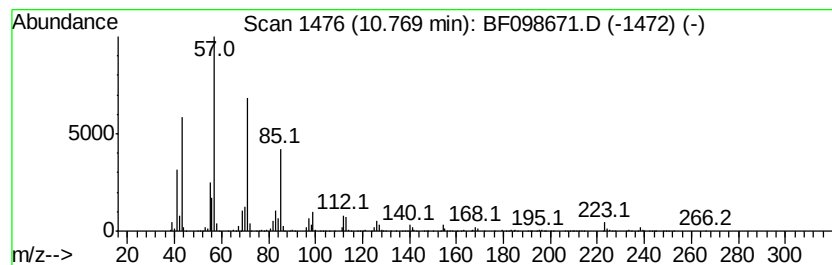
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DRUM-A-OILYSTONES

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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 1-Octadecanesulphonyl chloride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.77	23.50 ng	2498910	Phenanthrene-d10	11.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	86
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4	Decane, 5-propyl-	184	C13H28	017312-62-8	80
5	Nonadecane	268	C19H40	000629-92-5	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092017\
Data File : BF098671.D
Acq On : 20 Sep 2017 20:24
Operator : SJ/JU
Sample : I5288-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DRUM-A-OILYSTONES

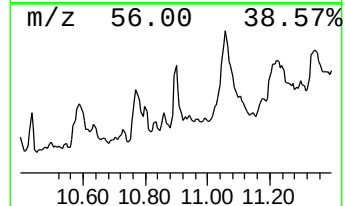
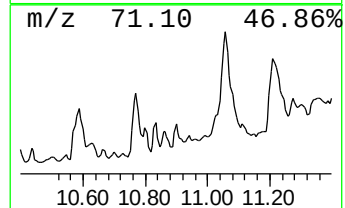
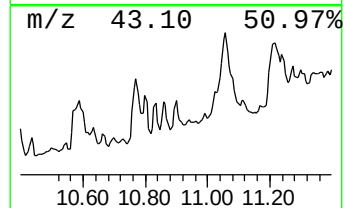
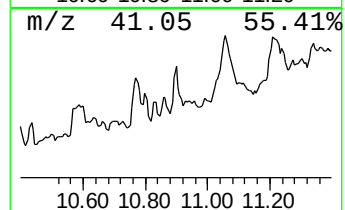
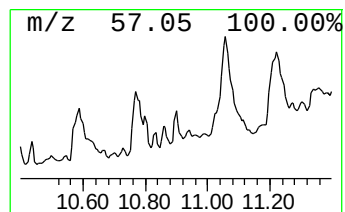
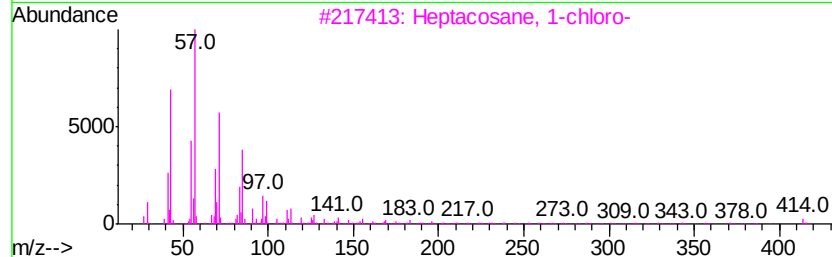
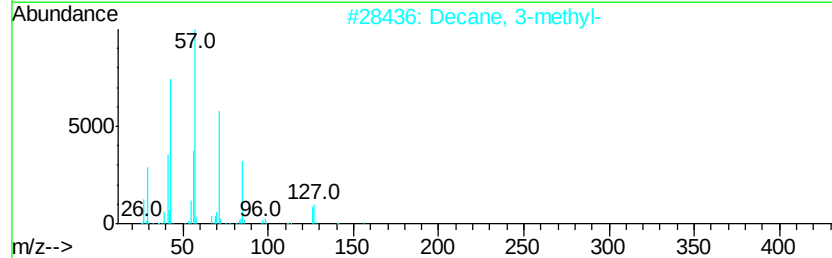
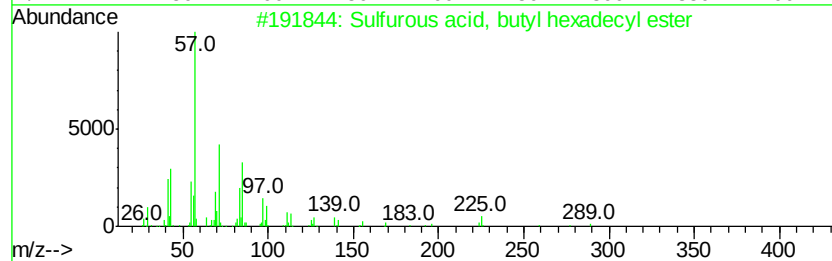
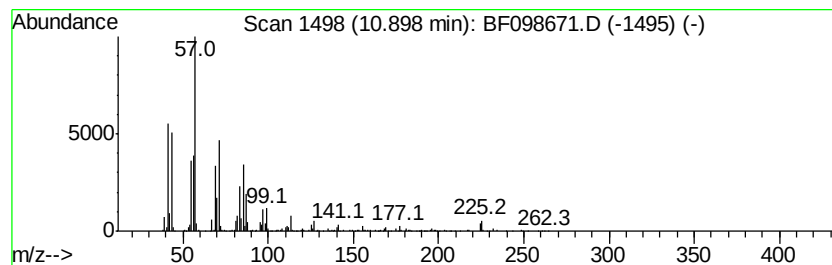
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Sulfurous acid, butyl hexad... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	12.95 ng	1377410	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	68
2		Decane, 3-methyl-	156	C11H24	013151-34-3	58
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	58
4		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	58
5		Heneicosane	296	C21H44	000629-94-7	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092017\
Data File : BF098671.D
Acq On : 20 Sep 2017 20:24
Operator : SJ/JU
Sample : I5288-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
DRUM-A-OILYSTONES

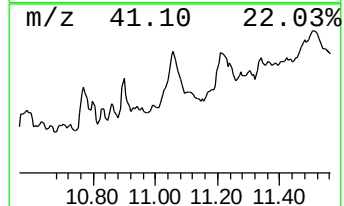
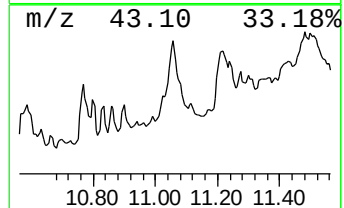
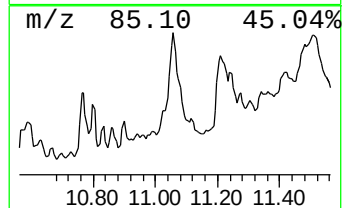
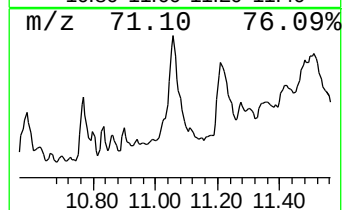
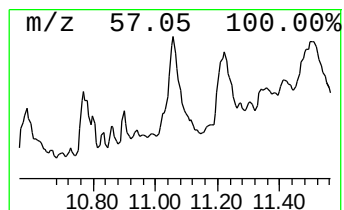
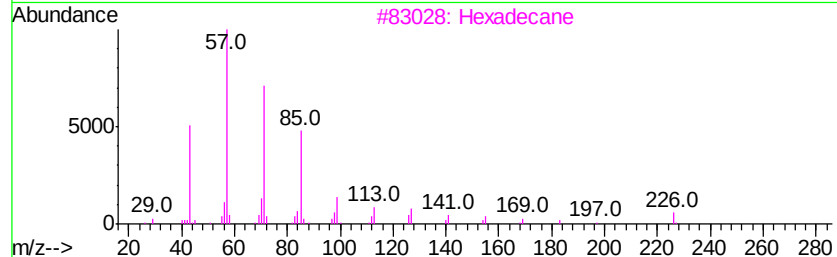
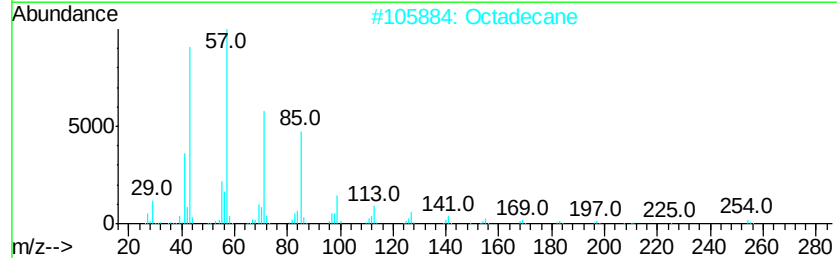
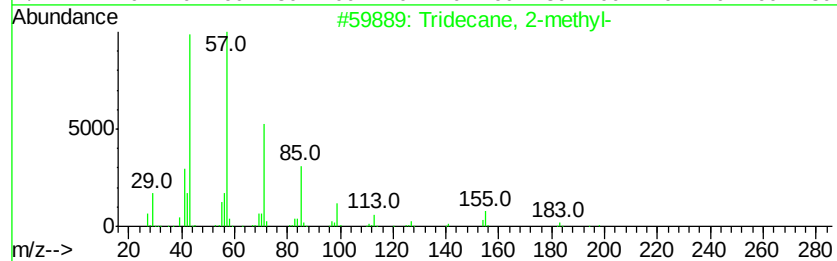
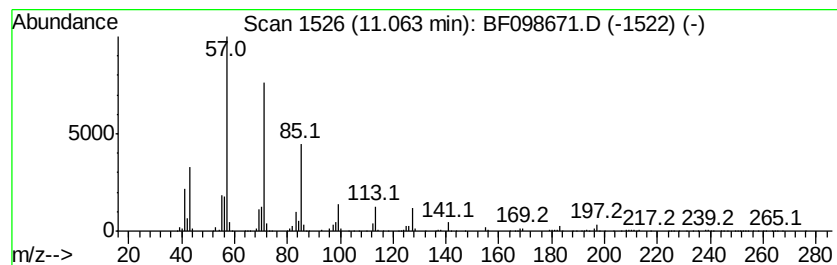
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	22.94 ng	2439130	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
2		Octadecane	254	C18H38	000593-45-3	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092017\
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 Acq On : 20 Sep 2017 20:24
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 Sample : I5288-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown6.39	6.39	108.2	ng	2837260	1	6.62	524466	20.0
1-Hexanol, 2-ethyl-	6.70	21.9	ng	573506	1	6.62	524466	20.0
Decane, 2,6,7-tri...	8.33	5.9	ng	190248	2	7.90	645340	20.0
10-Methylnonadecane	9.06	11.7	ng	389394	3	9.65	666455	20.0
Phenol, 2,6-bis(1...	9.32	20.7	ng	688619	3	9.65	666455	20.0
unknown9.56	9.56	9.5	ng	316213	3	9.65	666455	20.0
Tetradecane	9.59	8.4	ng	281051	3	9.65	666455	20.0
Decane, 2,3,5-tri...	9.83	13.3	ng	443818	3	9.65	666455	20.0
Sulfurous acid, b...	9.92	11.8	ng	391894	3	9.65	666455	20.0
Hexadecane	10.09	9.9	ng	328416	3	9.65	666455	20.0
Undecane, 3,5-dim...	10.32	37.6	ng	1252590	3	9.65	666455	20.0
Heptane, 4,4-dime...	10.34	6.4	ng	213560	3	9.65	666455	20.0
Tridecane, 4-methyl-	10.37	10.5	ng	349785	3	9.65	666455	20.0
1-Octadecanesulph...	10.77	23.5	ng	2498910	4	11.15	2126540	20.0
Sulfurous acid, b...	10.90	12.9	ng	1377410	4	11.15	2126540	20.0
Tridecane, 2-methyl-	11.06	22.9	ng	2439130	4	11.15	2126540	20.0