

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
 Data File : BF092726.D
 Acq On : 2 Feb 2017 2:36
 Operator : SJ/MA
 Sample : I1597-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-COMP

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-BF013017.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	5.127	263	266	269	rBV	1240630	1811335	41.86%	4.972%
2	5.561	301	304	306	rBV	3217809	4076851	94.22%	11.191%
3	6.544	387	390	391	rBV	31230	43778	1.01%	0.120%
4	6.590	391	394	396	rVV	3100356	4327030	100.00%	11.878%
5	6.716	402	405	407	rBV	3954659	3780053	87.36%	10.376%
6	6.944	423	425	427	rBV	1197667	1032760	23.87%	2.835%
7	7.104	436	439	441	rBV	2749114	2962668	68.47%	8.133%
8	7.504	472	474	477	rBV	1770468	2552851	59.00%	7.008%
9	8.236	535	538	540	rBV	1493367	1364383	31.53%	3.745%
10	9.310	630	632	635	rBV	3192104	3682921	85.11%	10.110%
11	9.425	640	642	644	rVB2	60405	77935	1.80%	0.214%
12	9.710	665	667	669	rBV	729672	625956	14.47%	1.718%
13	9.996	689	692	694	rBV	1359797	1154420	26.68%	3.169%
14	10.419	728	729	731	rVB	56078	50178	1.16%	0.138%
15	10.785	758	761	764	rBV	1629270	1593781	36.83%	4.375%
16	10.899	769	771	774	rVV	71493	91732	2.12%	0.252%
17	11.345	808	810	811	rBV	84814	70805	1.64%	0.194%
18	11.482	820	822	826	rBV	1105938	1016986	23.50%	2.792%
19	11.722	840	843	846	rBV3	51766	104978	2.43%	0.288%
20	11.768	846	847	850	rVB	95420	95744	2.21%	0.263%
21	12.179	881	883	885	rBV	52199	50527	1.17%	0.139%
22	12.568	914	917	919	rBV	43894	51786	1.20%	0.142%
23	12.694	926	928	931	rVB	127069	109514	2.53%	0.301%
24	12.922	946	948	951	rVB	112941	114684	2.65%	0.315%
25	13.071	958	961	963	rBV	2158705	2471325	57.11%	6.784%
26	13.985	1038	1041	1044	rBV5	33080	97942	2.26%	0.269%
27	14.122	1050	1053	1054	rBV	794138	940201	21.73%	2.581%
28	14.145	1054	1055	1058	rVB	60840	53009	1.23%	0.146%
29	14.579	1091	1093	1096	rBV3	33483	54875	1.27%	0.151%
30	15.162	1141	1144	1147	rBV2	70765	162813	3.76%	0.447%
31	15.231	1147	1150	1152	rVV	50297	69186	1.60%	0.190%
32	15.528	1173	1176	1178	rBV	47553	93217	2.15%	0.256%
33	15.585	1178	1181	1188	rVB	621436	1001406	23.14%	2.749%
34	16.042	1219	1221	1224	rBV	57258	90583	2.09%	0.249%

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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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.557	1263	1266	1274	rVB3	54188	160896	3.72%	0.442%
36	17.151	1315	1318	1323	rVB	55798	141355	3.27%	0.388%
37	17.848	1376	1379	1384	rVB2	41164	109036	2.52%	0.299%
38	18.683	1448	1452	1460	rVB4	32526	139507	3.22%	0.383%

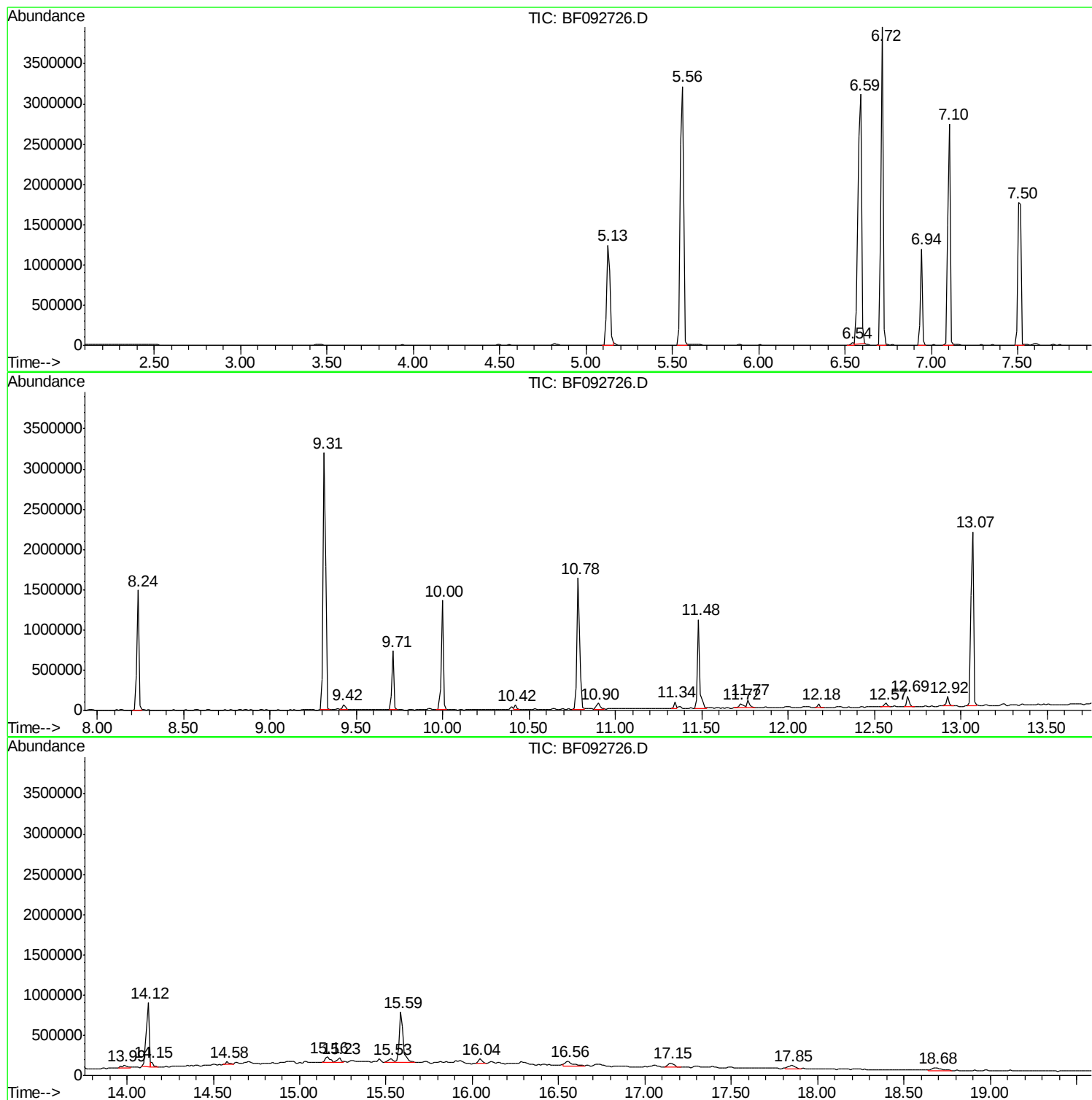
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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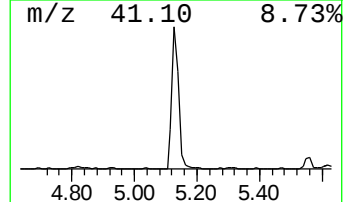
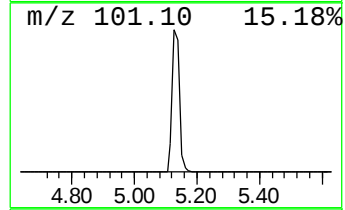
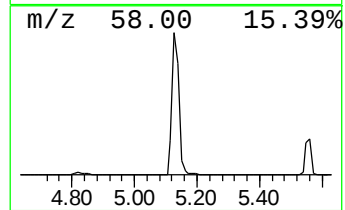
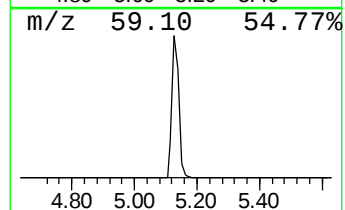
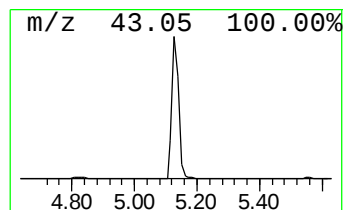
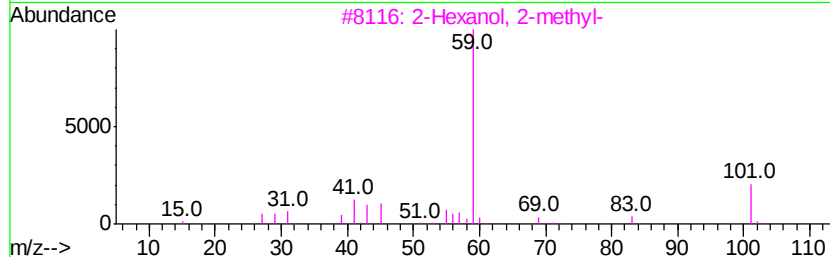
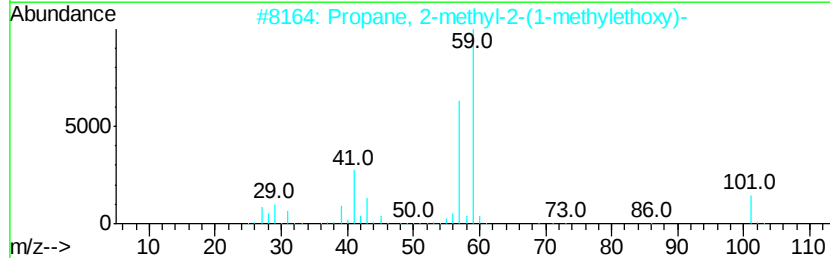
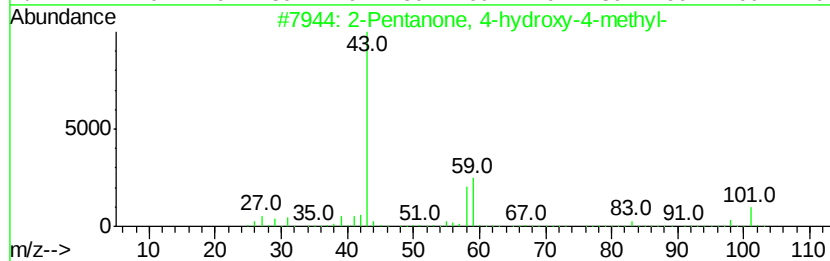
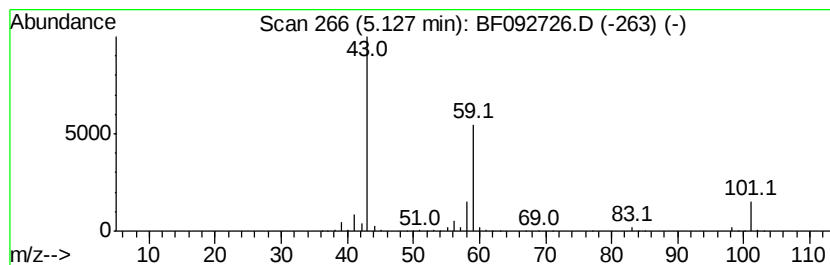
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	35.08 ng	1811340	1,4-Dichlorobenzene-d4	6.94

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	42
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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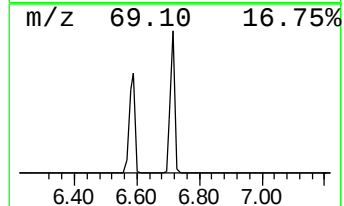
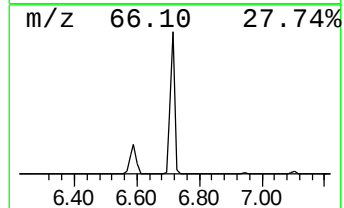
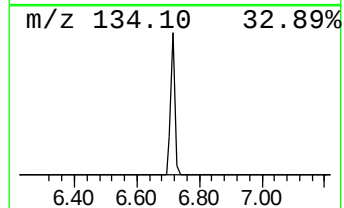
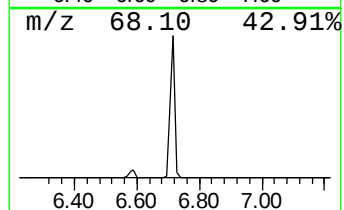
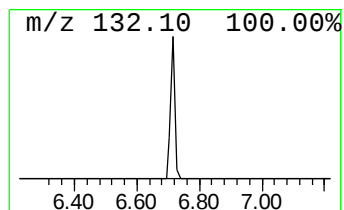
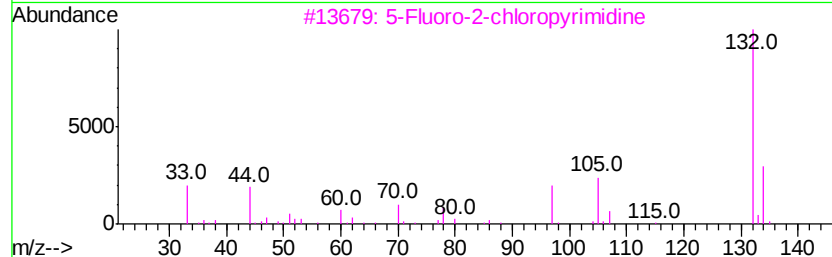
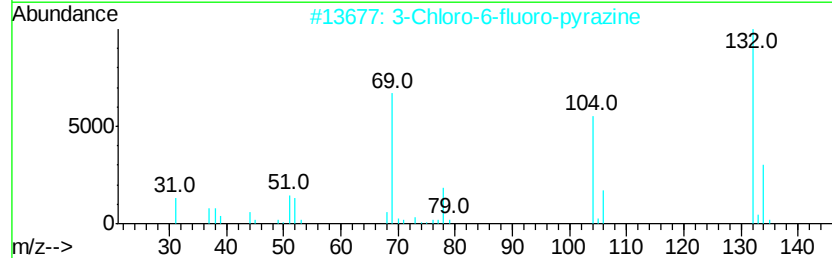
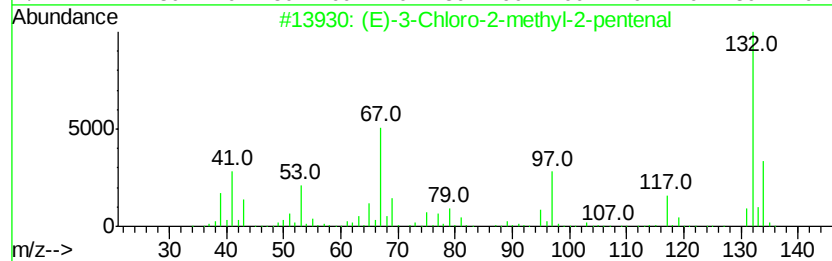
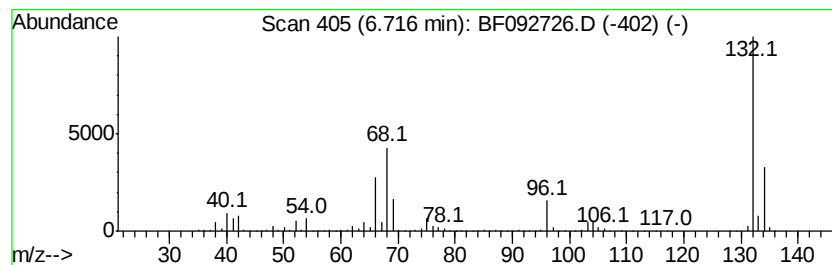
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	73.20 ng	3780050	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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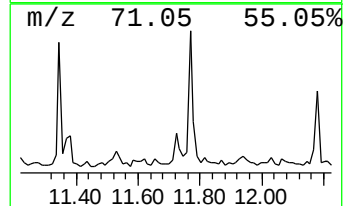
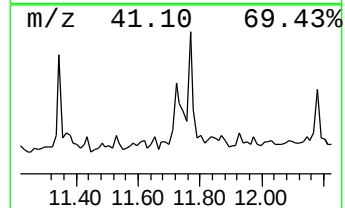
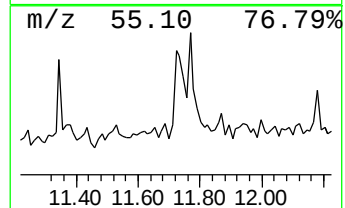
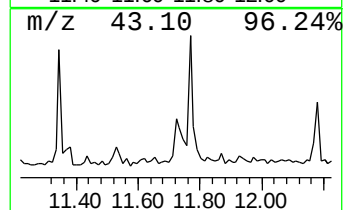
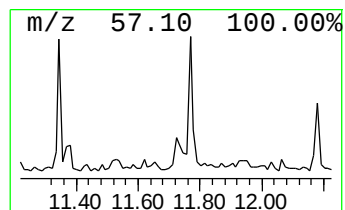
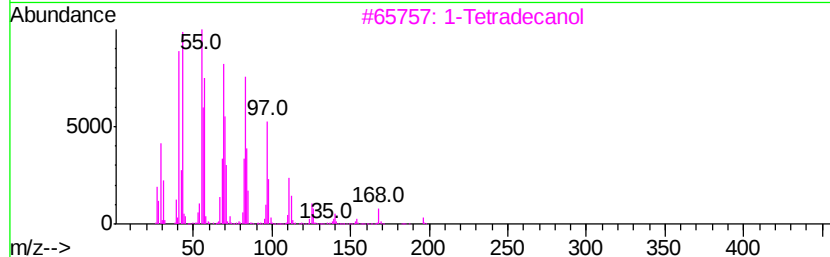
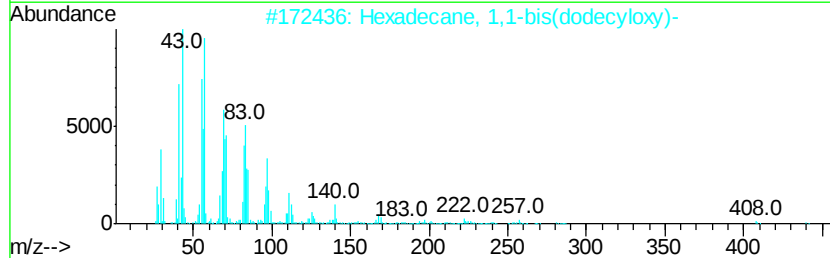
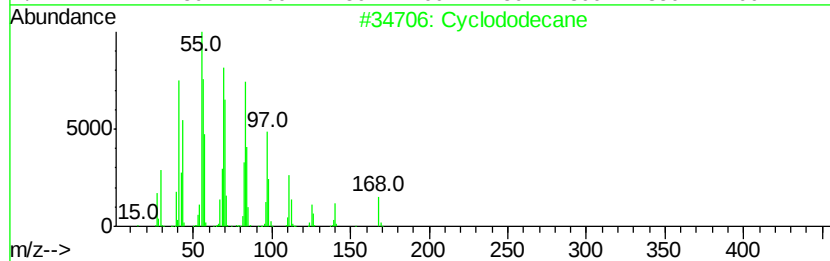
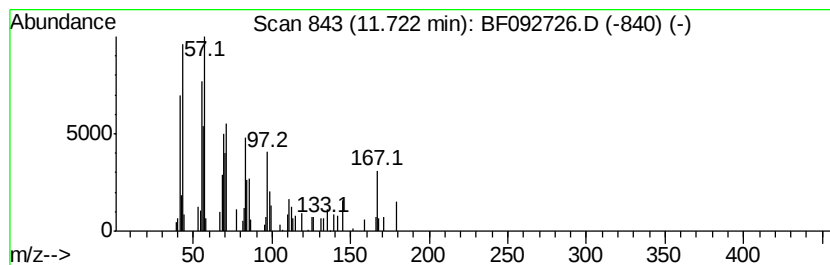
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclododecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.72	2.06 ng	104978	Phenanthrene-d10	11.48		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclododecane	168	C12H24	000294-62-2	96
2		Hexadecane, 1,1-bis(dodecyloxy)-	595	C40H82O2	056554-64-4	90
3		1-Tetradecanol	214	C14H30O	000112-72-1	76
4		Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	74
5		1-Nonadecanol	284	C19H40O	001454-84-8	72



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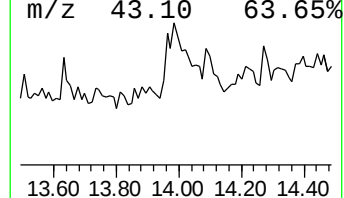
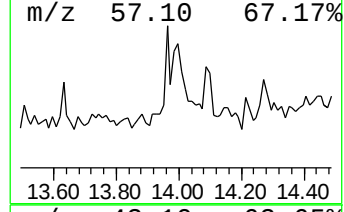
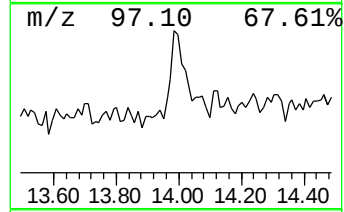
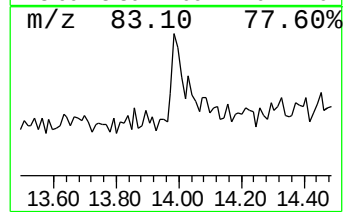
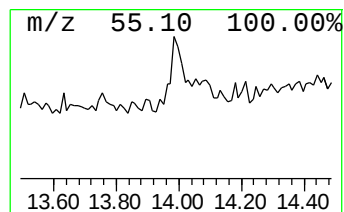
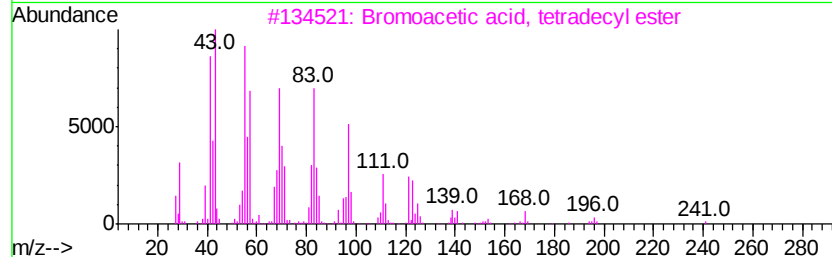
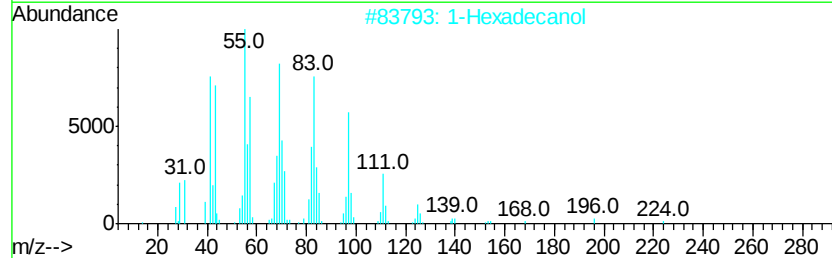
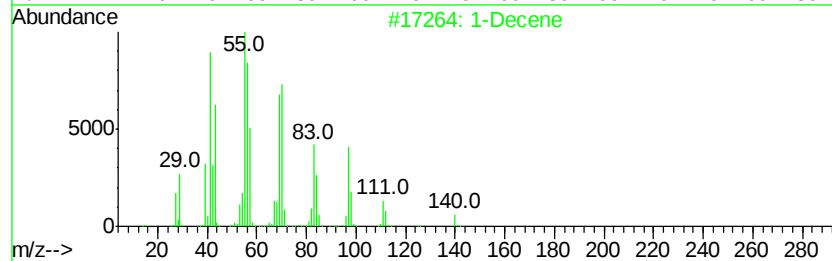
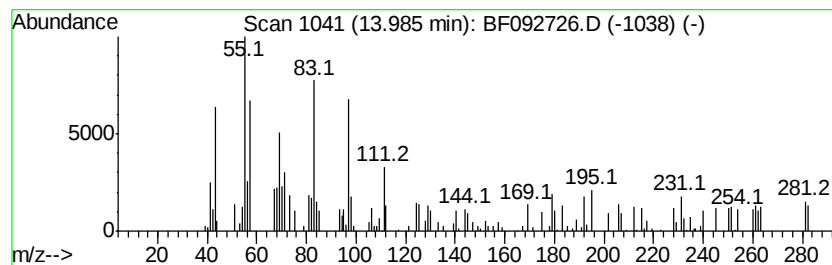
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown13.99 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	2.08 ng	97942	Chrysene-d12	14.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decene	140	C10H20	000872-05-9	49
2		1-Hexadecanol	242	C16H34O	036653-82-4	47
3		Bromoacetic acid, tetradecyl ester	334	C16H31BrO2	018992-01-3	47
4		Cyclohexane, 1,1'-[3-(3-cyclopentyl-...]	346	C25H46	055401-70-2	47
5		Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	30



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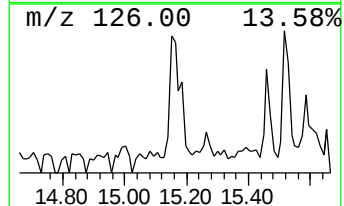
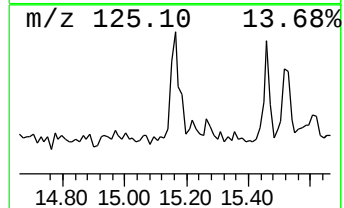
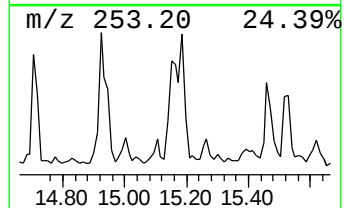
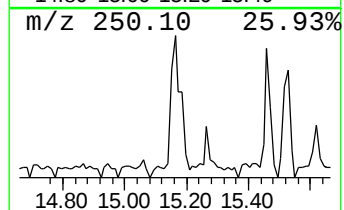
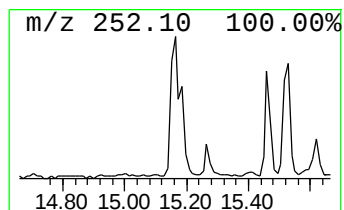
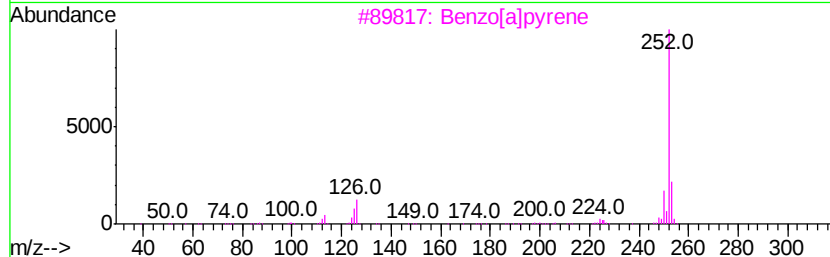
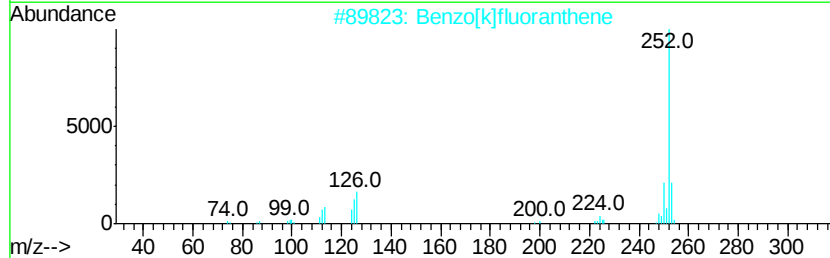
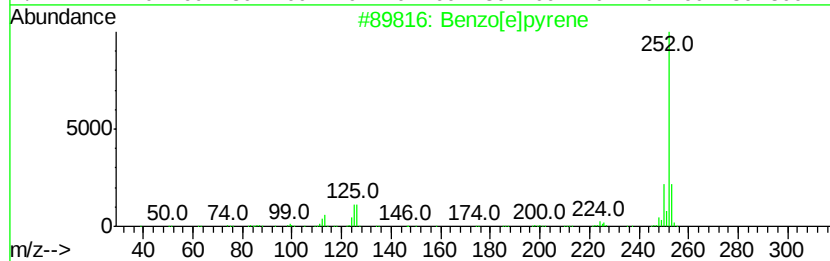
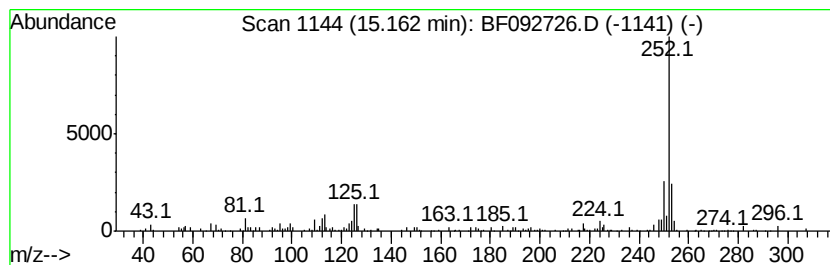
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	3.25 ng	162813	Perylene-d12	15.59

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3		Benzo[a]pyrene	252	C20H12	000050-32-8	95
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5		Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
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Acq On : 2 Feb 2017 2:36
Operator : SJ/MA
Sample : I1597-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-40-COMP

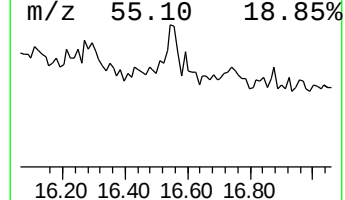
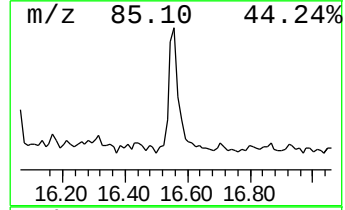
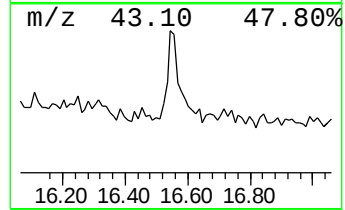
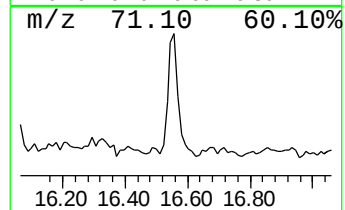
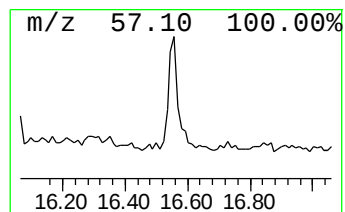
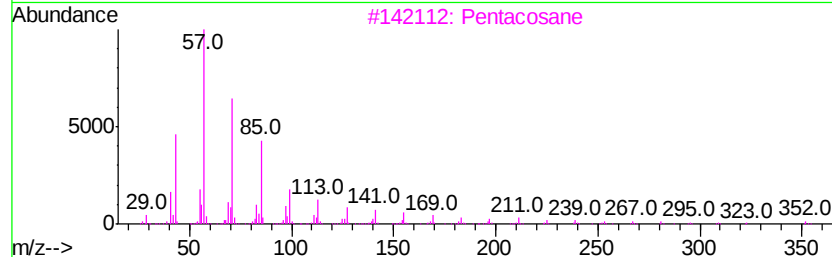
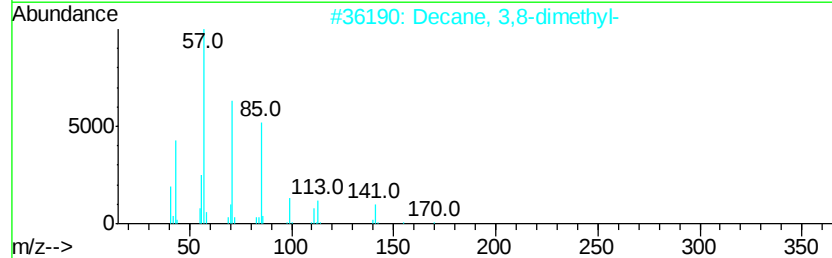
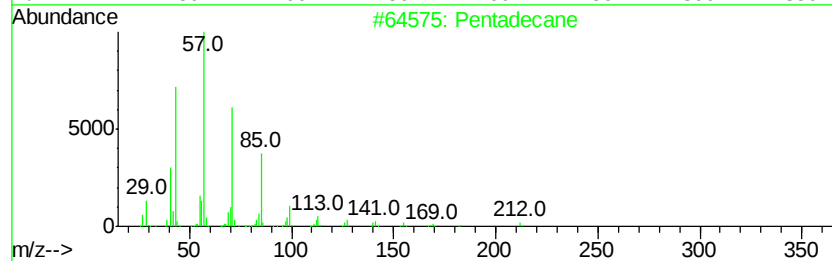
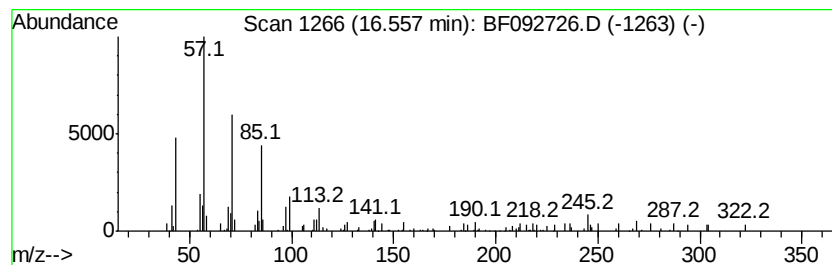
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	3.21 ng	160896	Perylene-d12	15.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	64
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	58
3		Pentacosane	352	C25H52	000629-99-2	58
4		Octacosane	394	C28H58	000630-02-4	58
5		Docosane, 11-decyl-	451	C32H66	055401-55-3	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
Data File : BF092726.D
Acq On : 2 Feb 2017 2:36
Operator : SJ/MA
Sample : I1597-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-40-COMP

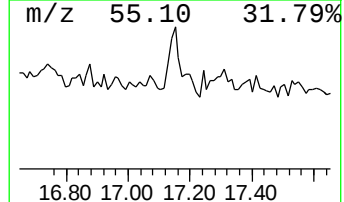
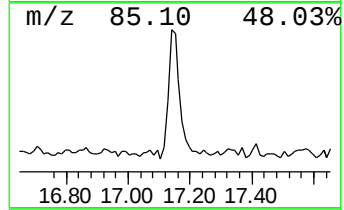
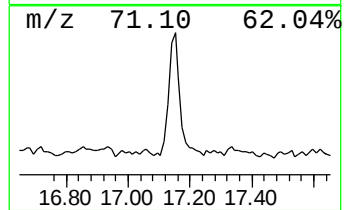
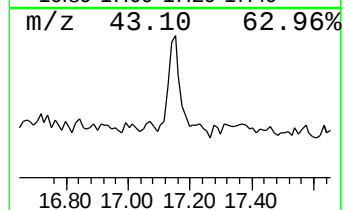
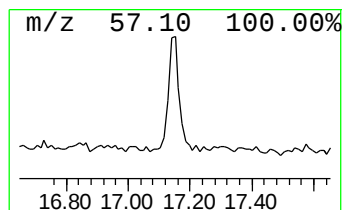
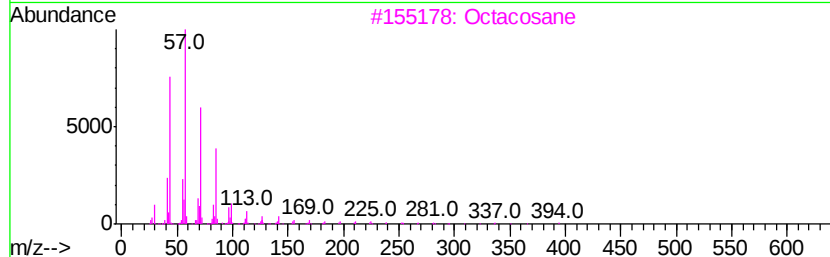
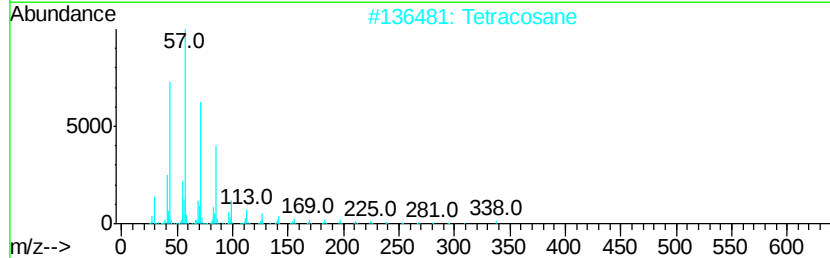
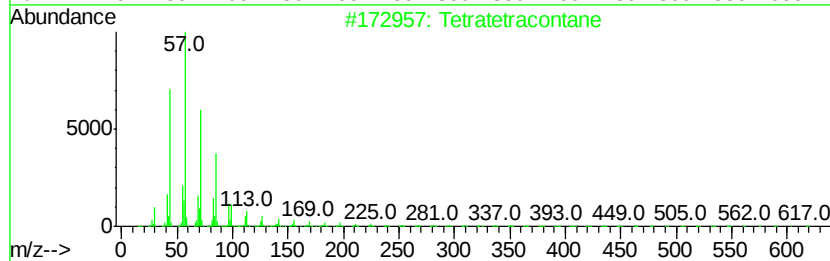
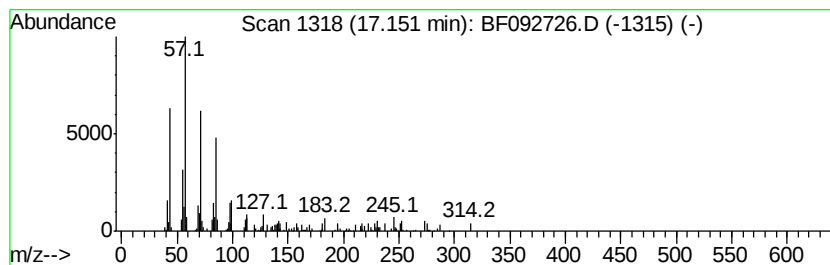
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tetratetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	2.82 ng	141355	Perylene-d12	15.59

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	58
2		Tetracosane	338	C24H50	000646-31-1	58
3		Octacosane	394	C28H58	000630-02-4	58
4		Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	58
5		Docosane, 11-decyl-	451	C32H66	055401-55-3	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
Data File : BF092726.D
Acq On : 2 Feb 2017 2:36
Operator : SJ/MA
Sample : I1597-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-40-COMP

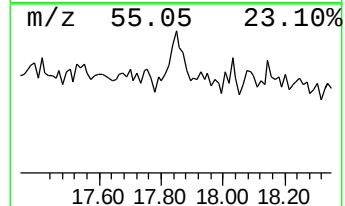
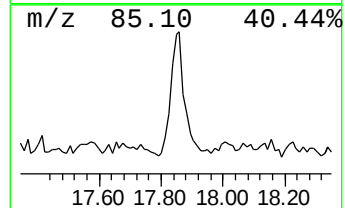
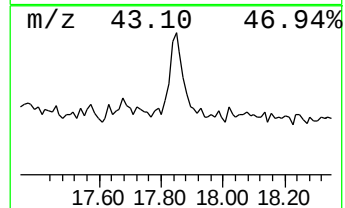
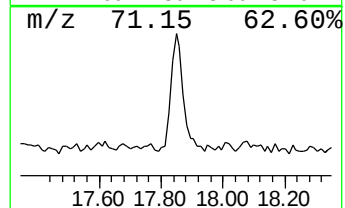
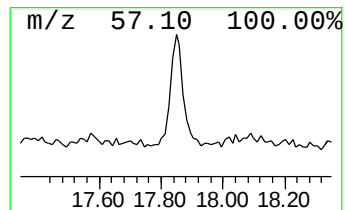
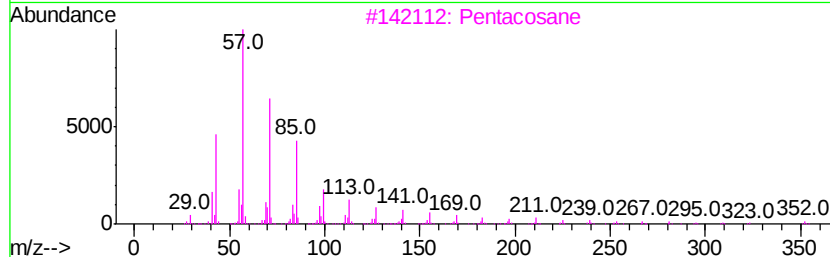
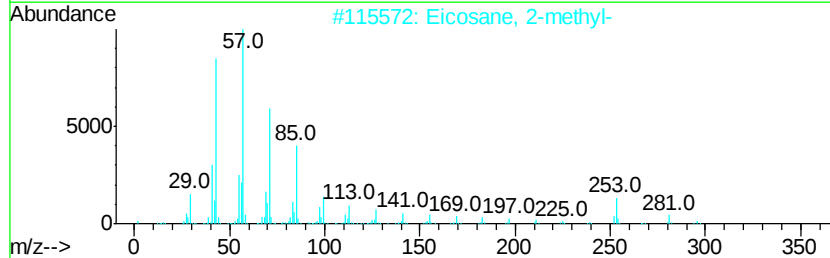
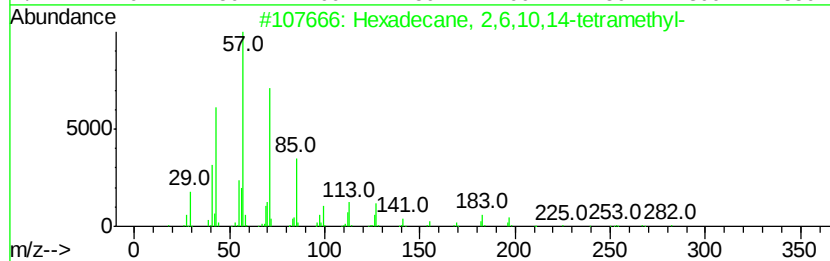
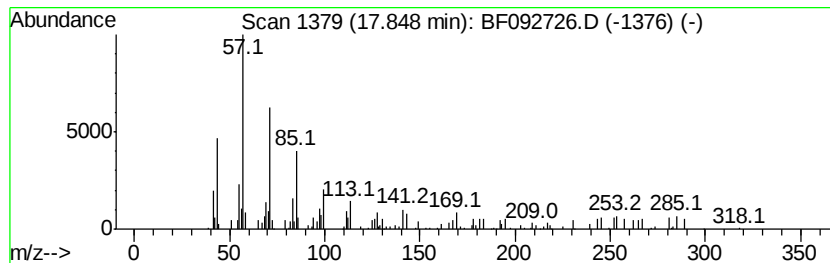
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Hexadecane, 2,6,10,14-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	2.18 ng	109036	Perylene-d12	15.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
2		Eicosane, 2-methyl-	296	C21H44	001560-84-5	72
3		Pentacosane	352	C25H52	000629-99-2	68
4		Hexacosane	366	C26H54	000630-01-3	68
5		Docosane	310	C22H46	000629-97-0	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
Data File : BF092726.D
Acq On : 2 Feb 2017 2:36
Operator : SJ/MA
Sample : I1597-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

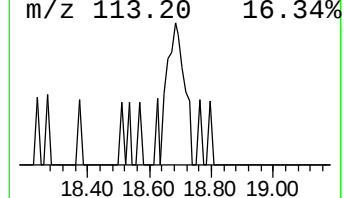
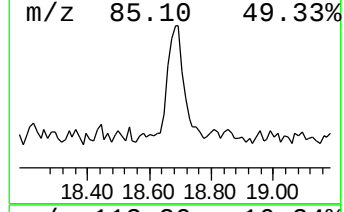
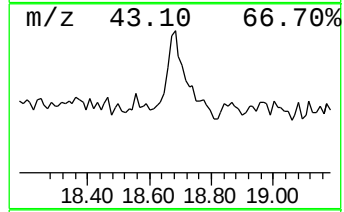
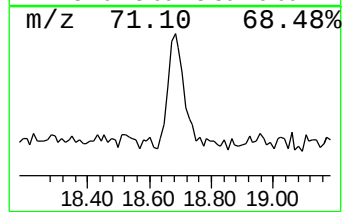
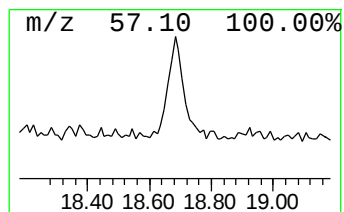
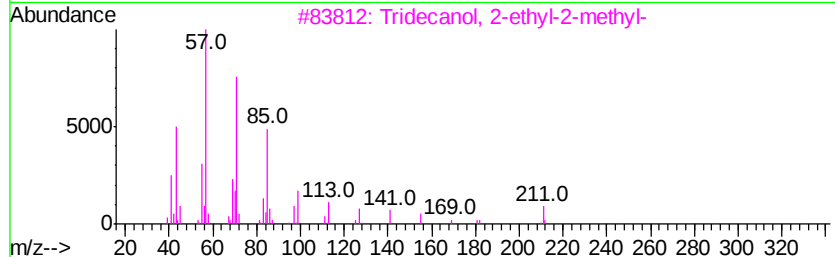
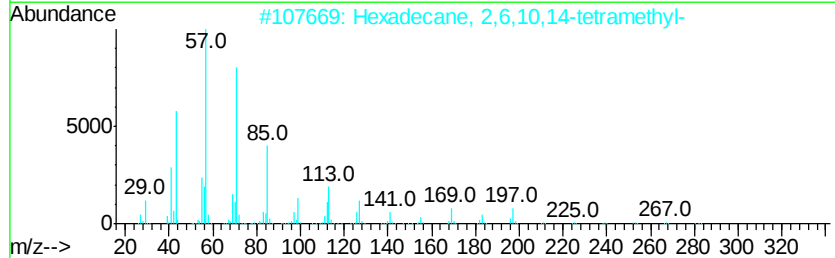
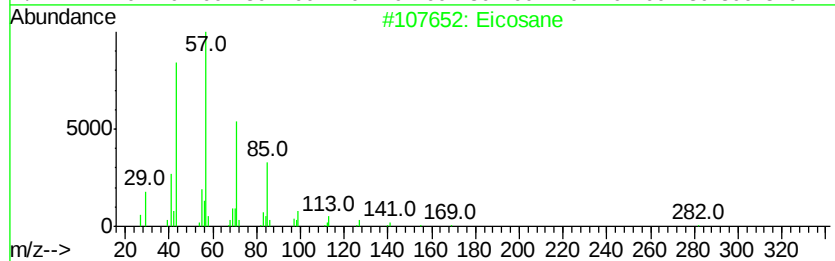
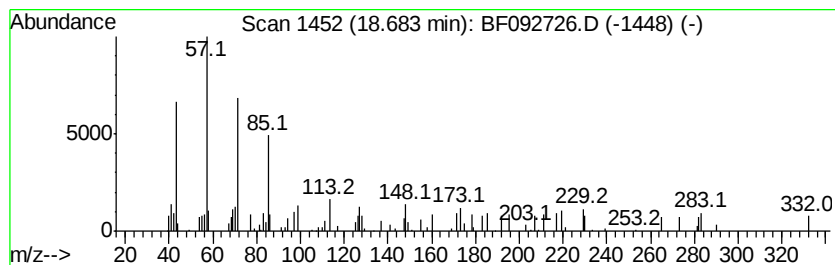
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	2.79 ng	139507	Perylene-d12	15.59
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane		282 C20H42	000112-95-8 53
2	Hexadecane, 2,6,10,14-tetramethyl-		282 C20H42	000638-36-8 49
3	Tridecanol, 2-ethyl-2-methyl-		242 C16H34O	1000115-66-1 49
4	Nonacosane		408 C29H60	000630-03-5 49
5	Heneicosane		296 C21H44	000629-94-7 47



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Sample : I1597-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown6.72	6.72	73.2	ng	3780050	1	6.94	1032760	20.0
Cyclododecane	11.72	2.1	ng	104978	4	11.48	1016990	20.0
unknown13.99	13.99	2.1	ng	97942	5	14.12	940201	20.0
Benzo[e]pyrene	15.16	3.3	ng	162813	6	15.59	1001410	20.0
Pentadecane	16.56	3.2	ng	160896	6	15.59	1001410	20.0
Tetratetracontane	17.15	2.8	ng	141355	6	15.59	1001410	20.0
Hexadecane, 2,6,1...	17.85	2.2	ng	109036	6	15.59	1001410	20.0
Eicosane	18.68	2.8	ng	139507	6	15.59	1001410	20.0