

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
 Data File : BF092246.D
 Acq On : 13 Jan 2017 13:46
 Operator : UM/SJ
 Sample : I1131-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-004

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-BF122116.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	4.713	253	256	267	rBV	1498254	2919895	51.01%	5.990%
2	5.181	295	297	300	rBV	4297630	5724600	100.00%	11.744%
3	6.256	388	391	394	rBV	4549789	5247223	91.66%	10.764%
4	6.359	398	400	403	rVV	4894329	5057097	88.34%	10.374%
5	6.587	418	420	422	rBV	868765	911838	15.93%	1.871%
6	6.747	431	434	436	rBV	3076780	4248119	74.21%	8.715%
7	7.159	467	470	473	rBV	3493706	3643778	63.65%	7.475%
8	7.867	530	532	535	rBV	1056258	1227138	21.44%	2.517%
9	8.953	624	627	629	rBV	4722082	4390274	76.69%	9.006%
10	9.353	660	662	664	rBV	981499	820197	14.33%	1.683%
11	9.616	683	685	687	rBV	1275499	1303934	22.78%	2.675%
12	10.073	723	725	726	rVB	89469	85492	1.49%	0.175%
13	10.416	752	755	757	rBV2	2199318	3035091	53.02%	6.226%
14	10.542	764	766	772	rBV	128292	164251	2.87%	0.337%
15	10.988	803	805	806	rBV2	81290	83110	1.45%	0.170%
16	11.091	812	814	818	rBV	833033	1320318	23.06%	2.709%
17	11.171	818	821	823	rVB	61500	60946	1.06%	0.125%
18	11.354	833	837	840	rBV3	28970	74974	1.31%	0.154%
19	11.651	862	863	866	rVV	353017	337879	5.90%	0.693%
20	11.708	866	868	873	rVB2	55205	90581	1.58%	0.186%
21	12.302	918	920	922	rBV	375162	329859	5.76%	0.677%
22	12.439	930	932	937	rBV2	100789	198407	3.47%	0.407%
23	12.531	937	940	942	rVV	255428	335640	5.86%	0.689%
24	12.679	951	953	956	rVB	2800739	3273977	57.19%	6.716%
25	12.862	965	969	971	rVB	37740	61305	1.07%	0.126%
26	13.171	993	996	999	rVB	69101	90610	1.58%	0.186%
27	13.251	1001	1003	1009	rVV3	22849	57523	1.00%	0.118%
28	13.594	1030	1033	1041	rBV3	153936	335254	5.86%	0.688%
29	13.719	1041	1044	1049	rBV	890778	1256566	21.95%	2.578%
30	14.200	1084	1086	1088	rBV3	27690	60559	1.06%	0.124%
31	14.234	1088	1089	1094	rVB4	32395	60822	1.06%	0.125%
32	14.485	1109	1111	1115	rBV4	33356	79514	1.39%	0.163%
33	14.714	1129	1131	1135	rBV	149450	303333	5.30%	0.622%
34	14.805	1135	1139	1141	rBV3	52219	82675	1.44%	0.170%

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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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.977	1152	1154	1157	rVB	99247	114090	1.99%	0.234%
36	15.034	1157	1159	1161	rVB	117761	152568	2.67%	0.313%
37	15.080	1161	1163	1166	rBV	693113	868577	15.17%	1.782%
38	15.560	1201	1205	1207	rBV4	35582	77616	1.36%	0.159%
39	15.903	1233	1235	1242	rVB3	22391	61218	1.07%	0.126%
40	16.325	1269	1272	1275	rBV	58406	104249	1.82%	0.214%
41	16.691	1301	1304	1309	rVB	47177	94946	1.66%	0.195%

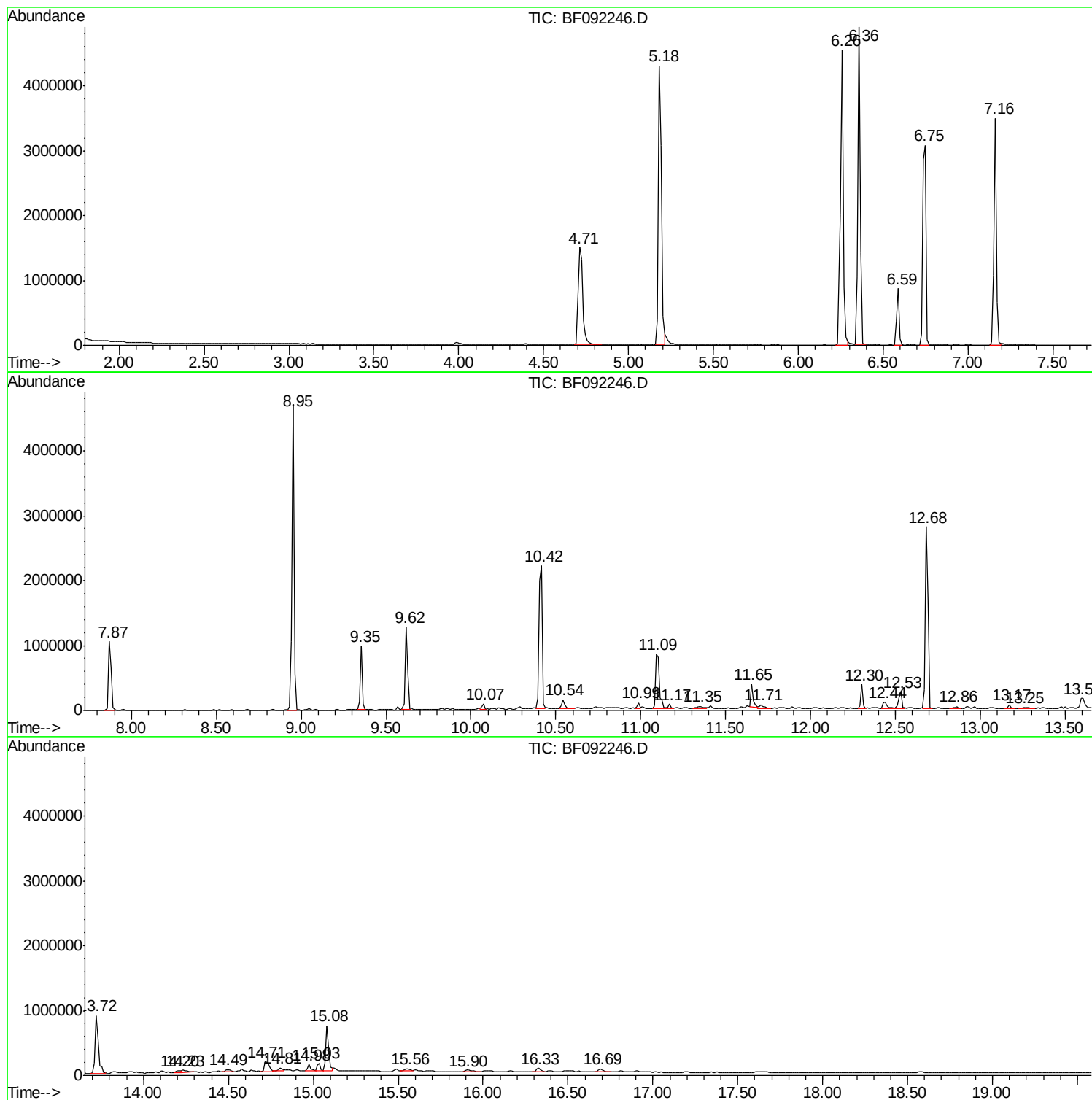
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Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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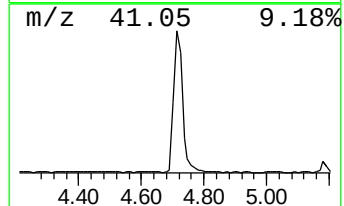
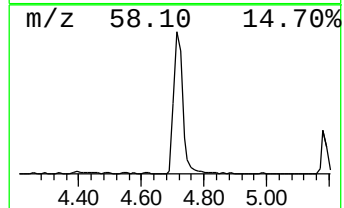
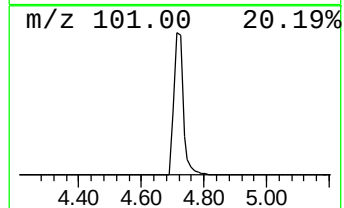
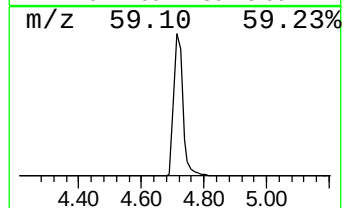
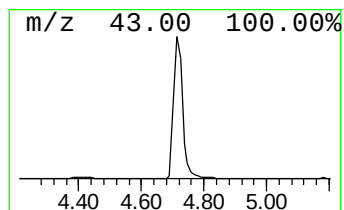
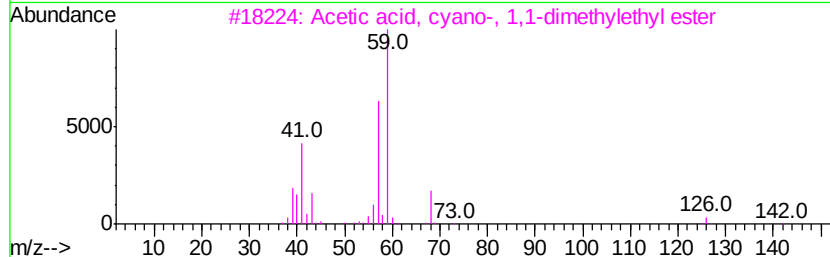
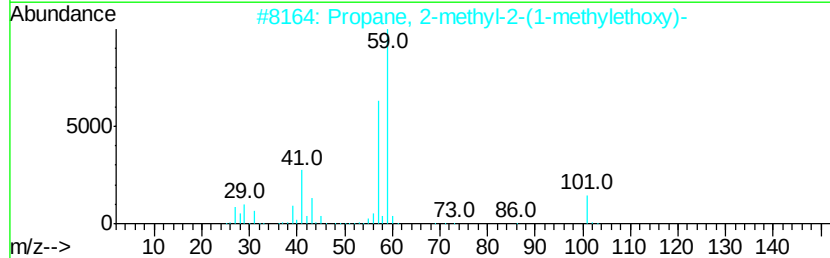
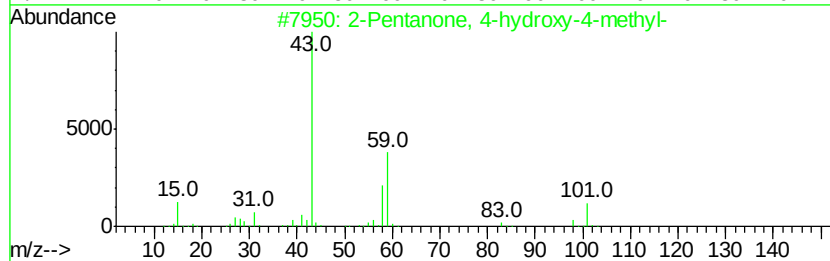
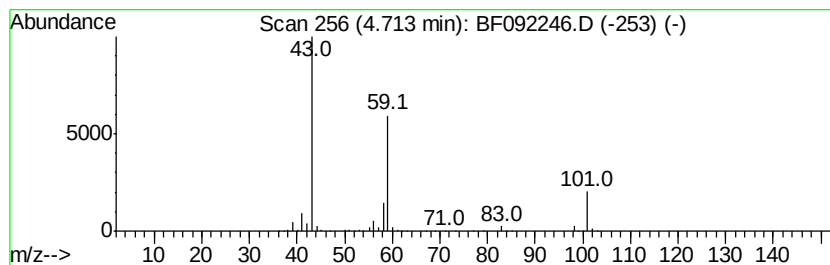
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.71	64.04 ng	2919900	1,4-Dichlorobenzene-d4	6.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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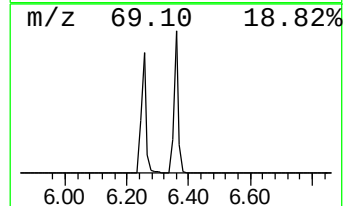
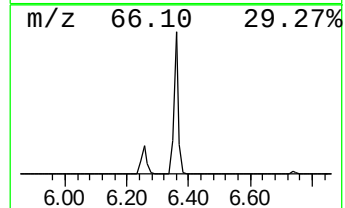
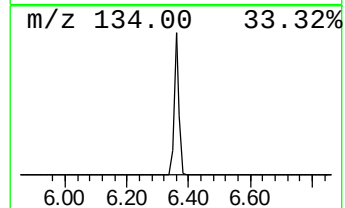
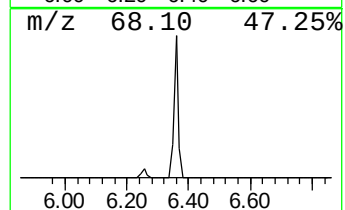
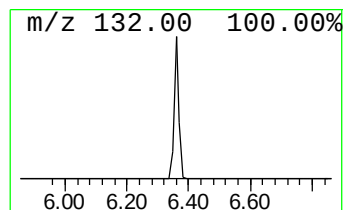
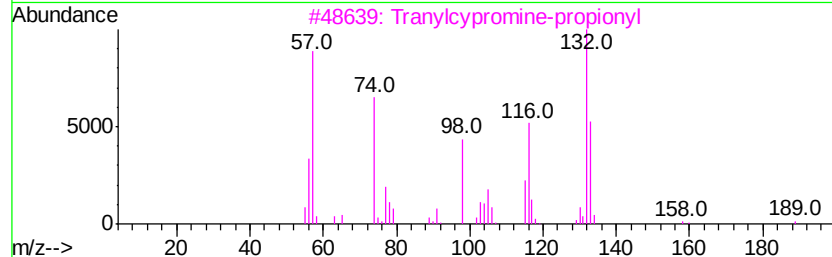
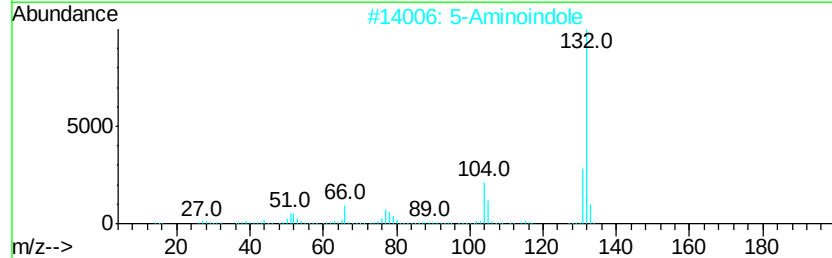
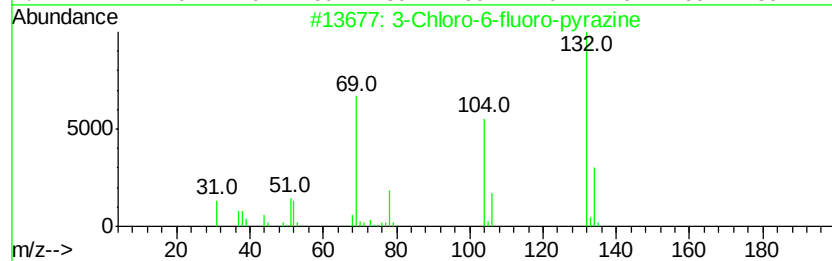
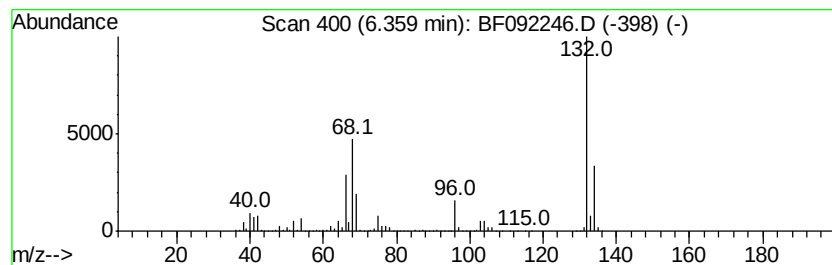
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.36 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	110.92 ng	5057100	1,4-Dichlorobenzene-d4	6.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	5-Aminoindole	132	C8H8N2	005192-03-0	12	
3	Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10	
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9	
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9	



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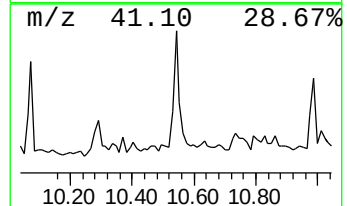
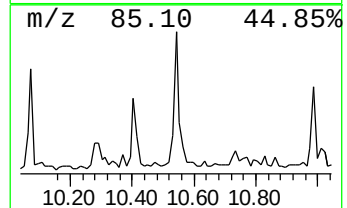
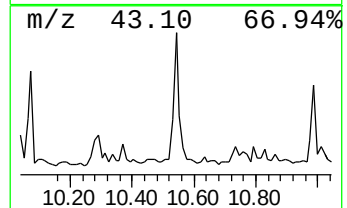
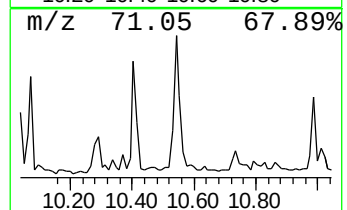
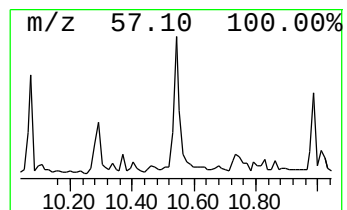
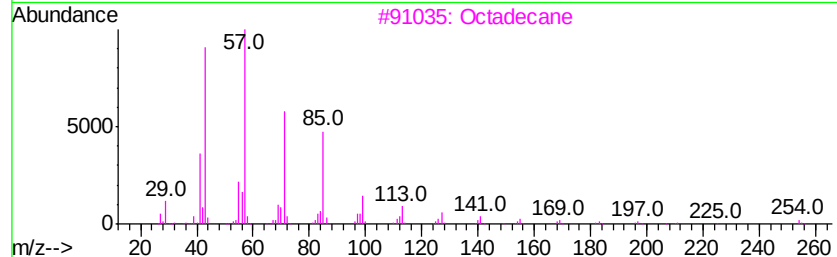
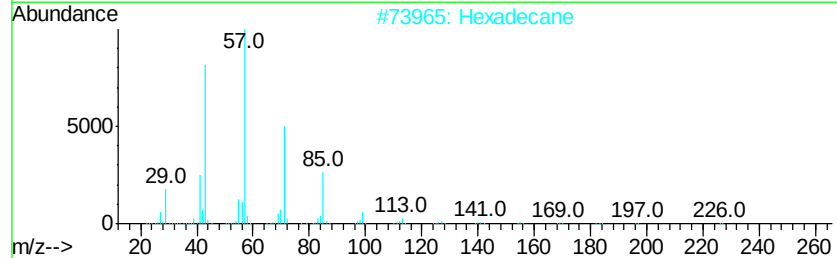
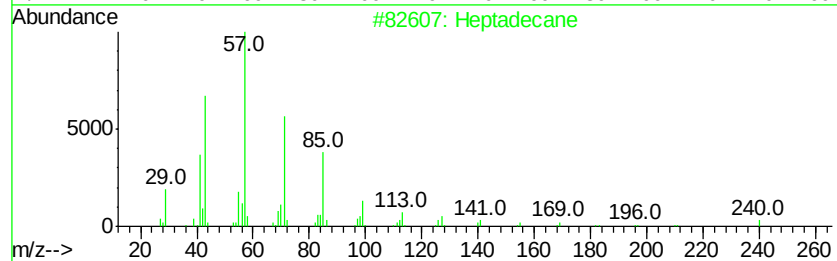
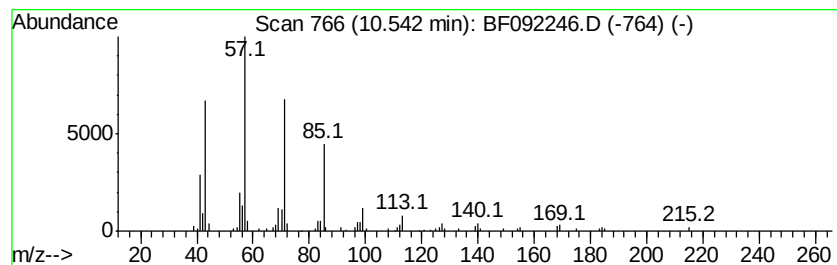
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	2.49 ng	164251	Phenanthrene-d10	11.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	90
2	Hexadecane		226	C16H34	000544-76-3	90
3	Octadecane		254	C18H38	000593-45-3	90
4	Pentadecane		212	C15H32	000629-62-9	90
5	Tetracosane		338	C24H50	000646-31-1	87



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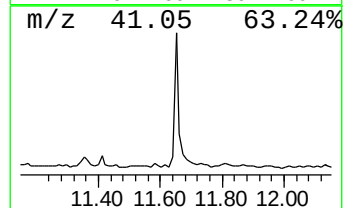
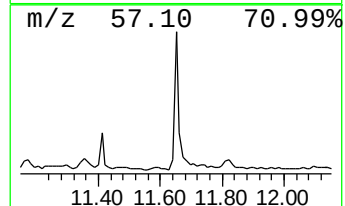
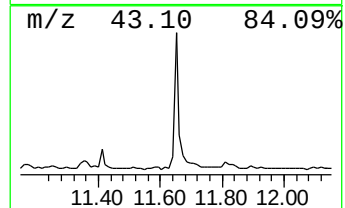
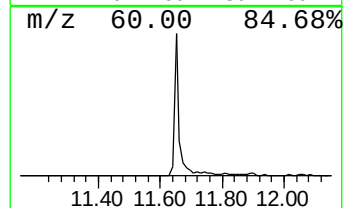
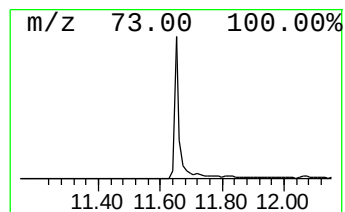
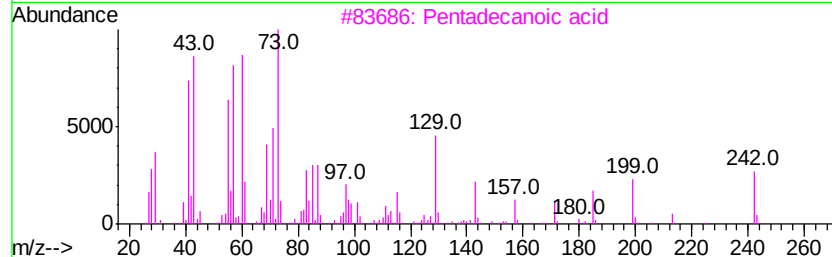
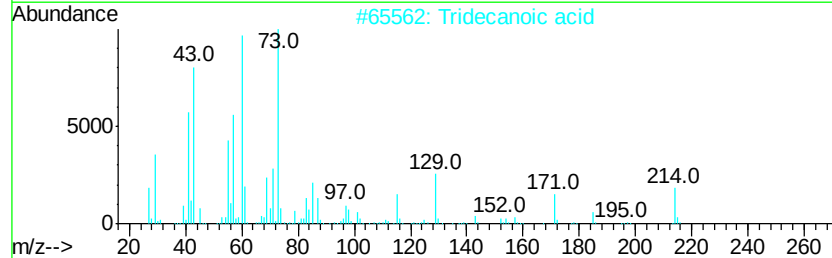
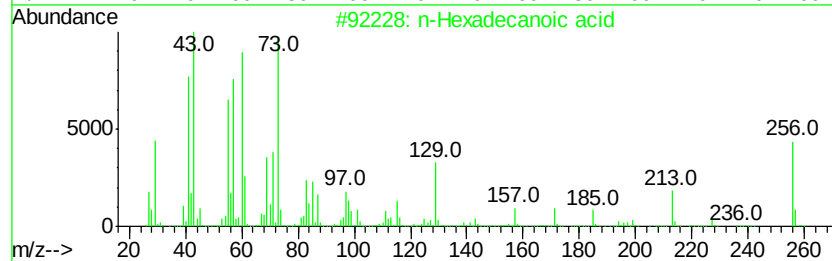
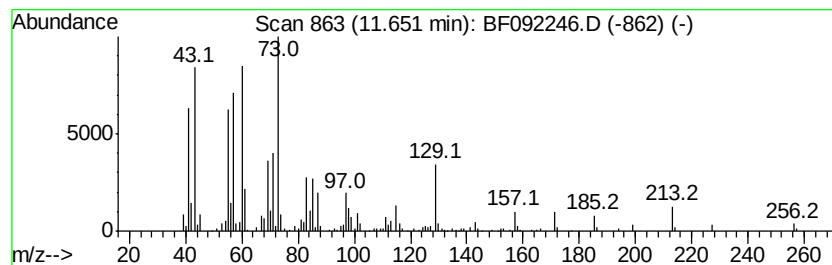
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.65	5.12 ng	337879	Phenanthrene-d10		11.10
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Nonanoic acid	158	C9H18O2	000112-05-0	43
5	Tridecane	184	C13H28	000629-50-5	11



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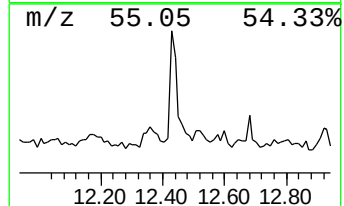
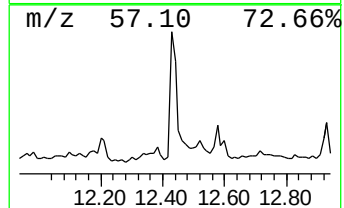
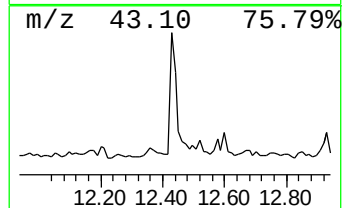
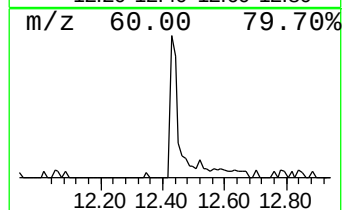
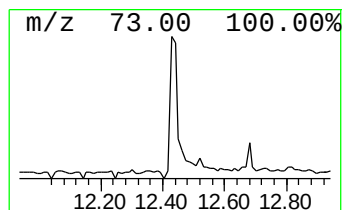
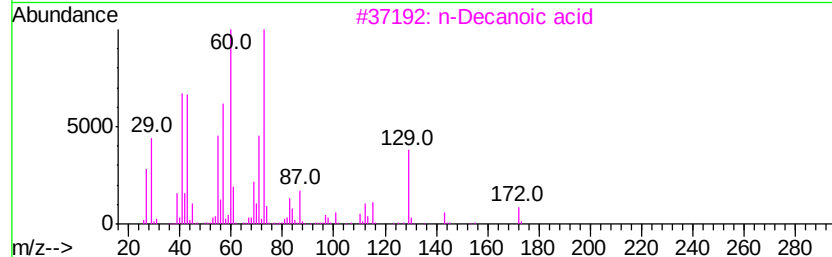
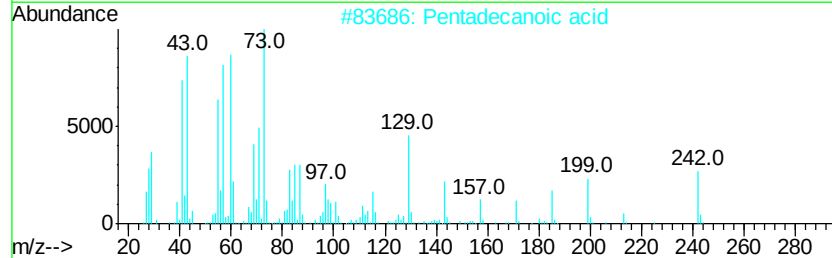
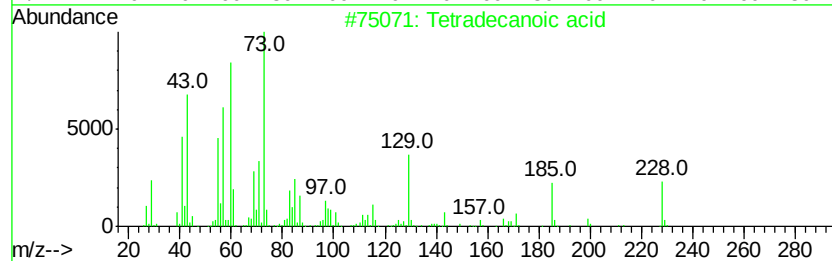
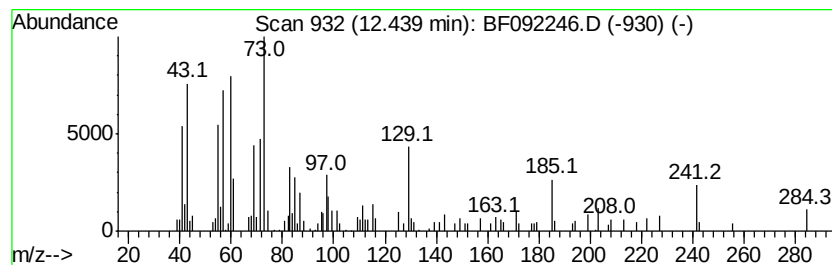
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.44	3.16 ng	198407	Chrysene-d12		13.72
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	Undecanoic acid	186	C11H22O2	000112-37-8	43
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-004

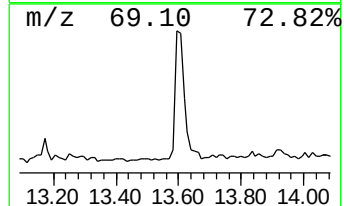
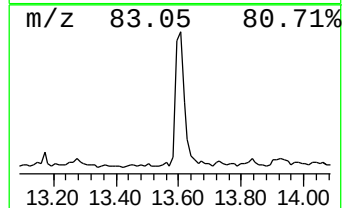
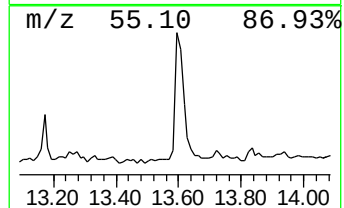
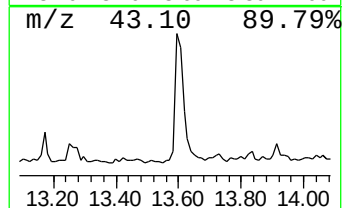
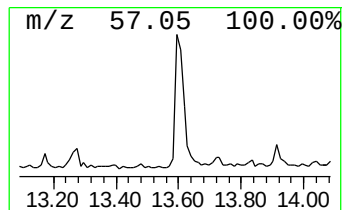
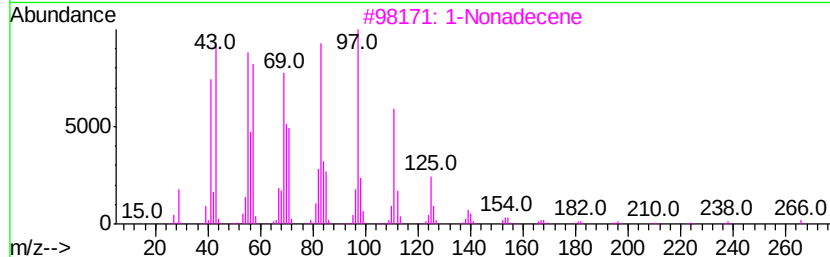
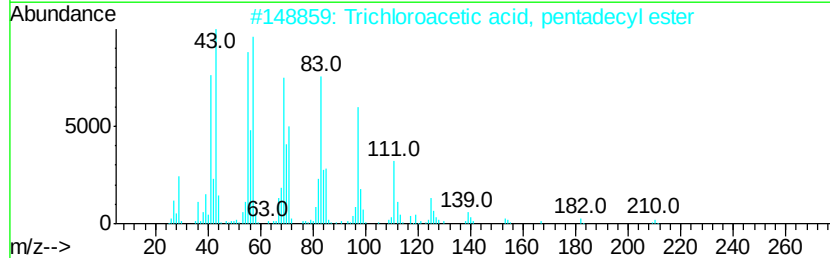
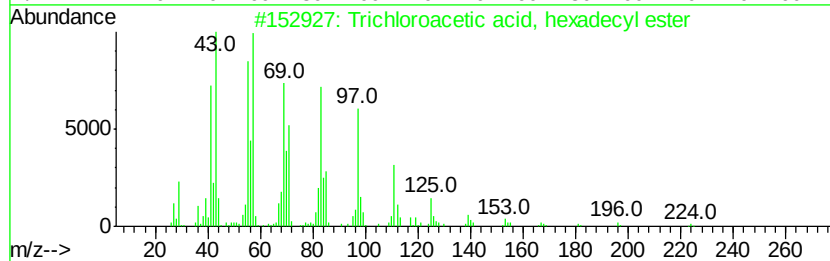
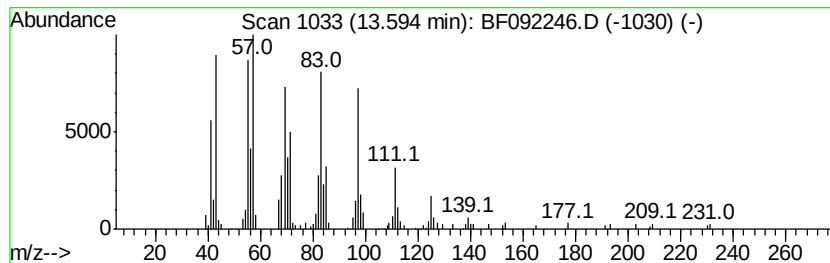
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	5.34 ng	335254	Chrysene-d12	13.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3			1-Nonadecene	266	C19H38	018435-45-5	91
4			1-Docosene	308	C22H44	001599-67-3	91
5			3-Eicosene, (E)-	280	C20H40	074685-33-9	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092246.D
Acq On : 13 Jan 2017 13:46
Operator : UM/SJ
Sample : I1131-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-004

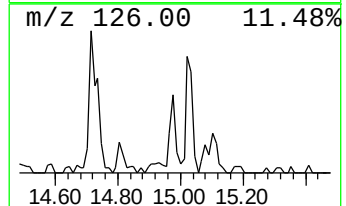
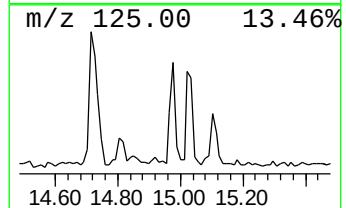
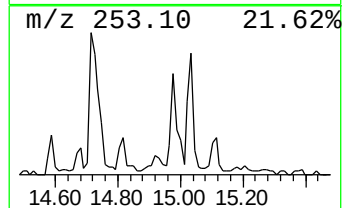
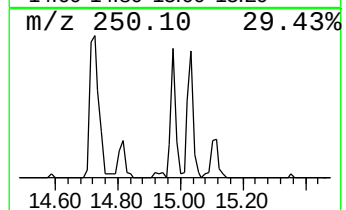
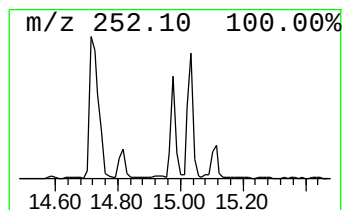
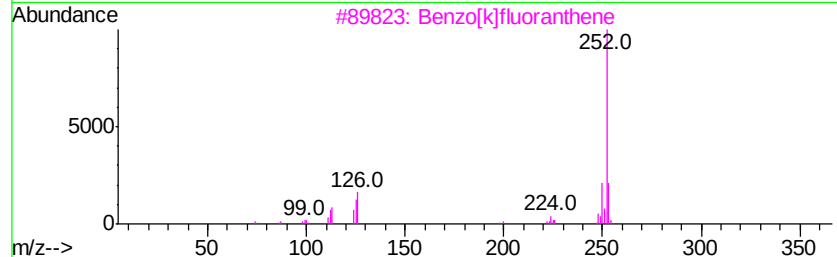
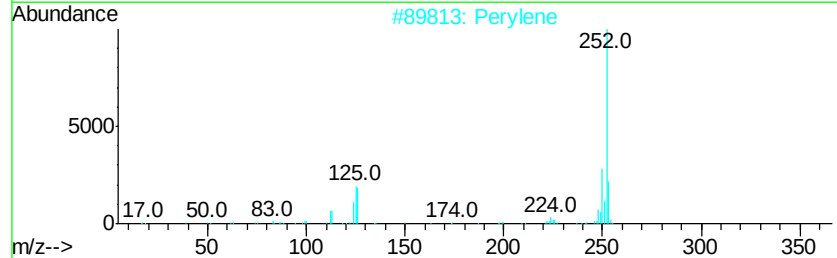
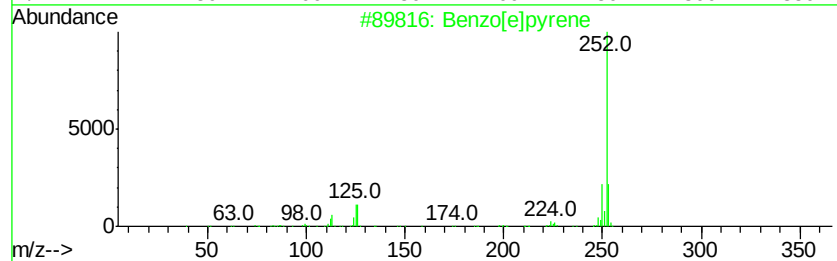
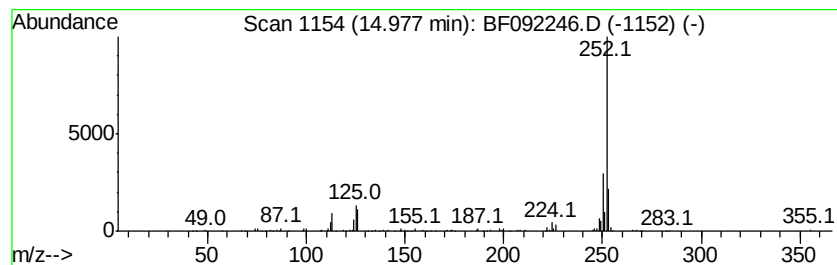
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	2.63 ng	114090	Perylene-d12	15.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Perylene	252	C20H12	000198-55-0	95
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092246.D
Acq On : 13 Jan 2017 13:46
Operator : UM/SJ
Sample : I1131-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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
2-Pentanone, 4-hy...	4.71	64.0	ng	2919900	1	6.59	911838	20.0
unknown6.36	6.36	110.9	ng	5057100	1	6.59	911838	20.0
Heptadecane	10.54	2.5	ng	164251	4	11.10	1320320	20.0
n-Hexadecanoic acid	11.65	5.1	ng	337879	4	11.10	1320320	20.0
Tetradecanoic acid	12.44	3.2	ng	198407	5	13.72	1256570	20.0
Trichloroacetic a...	13.59	5.3	ng	335254	5	13.72	1256570	20.0
Benzo[e]pyrene	14.98	2.6	ng	114090	6	15.08	868577	20.0