

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085308.D
 Acq On : 9 Mar 2016 19:39
 Operator : UM/SJ
 Sample : H1724-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-GW

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-BF030316.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	5.144	248	250	254	rVB	85720	118879	2.34%	0.351%
2	5.544	283	285	288	rBV	1727758	1785059	35.20%	5.271%
3	6.561	372	374	377	rBV	1119072	979798	19.32%	2.893%
4	6.710	384	387	390	rBV	3022777	2905329	57.29%	8.579%
5	6.939	405	407	410	rBV	679477	897121	17.69%	2.649%
6	7.099	419	421	424	rVB	2697555	3214106	63.38%	9.491%
7	7.510	454	457	459	rBV	2672541	2846792	56.14%	8.406%
8	8.230	517	520	522	rBV	1464826	1260444	24.86%	3.722%
9	9.305	611	614	617	rBV	4019073	5070996	100.00%	14.974%
10	9.693	647	648	650	rVB	241423	277521	5.47%	0.819%
11	9.990	671	674	676	rVB	1336276	1401725	27.64%	4.139%
12	10.413	707	711	713	rVB2	68871	86738	1.71%	0.256%
13	10.779	740	743	745	rBV	2737253	2717994	53.60%	8.026%
14	10.893	750	753	759	rVB	74120	114770	2.26%	0.339%
15	11.339	789	792	794	rBV2	55259	60670	1.20%	0.179%
16	11.476	801	804	806	rBV	1538264	1524208	30.06%	4.501%
17	11.991	847	849	851	rBV2	53274	57152	1.13%	0.169%
18	12.025	851	852	854	rVB2	44096	56404	1.11%	0.167%
19	12.779	915	918	924	rBV	84005	117369	2.31%	0.347%
20	13.065	940	943	945	rBV	4987492	5048718	99.56%	14.908%
21	13.956	1018	1021	1025	rBV	111092	185312	3.65%	0.547%
22	14.105	1032	1034	1037	rVB2	916742	1059333	20.89%	3.128%
23	15.568	1159	1162	1165	rBV	486047	712818	14.06%	2.105%
24	17.237	1305	1308	1311	rBV4	39237	92494	1.82%	0.273%
25	17.534	1332	1334	1335	rBV	86478	77589	1.53%	0.229%
26	17.625	1339	1342	1347	rVV7	59315	177416	3.50%	0.524%
27	17.717	1347	1350	1351	rVV3	50792	109976	2.17%	0.325%
28	17.774	1353	1355	1358	rVB	42315	64119	1.26%	0.189%
29	18.220	1393	1394	1399	rVB5	57520	146772	2.89%	0.433%
30	18.380	1405	1408	1409	rBV3	40103	76341	1.51%	0.225%
31	18.426	1411	1412	1415	rVB	99561	94841	1.87%	0.280%
32	19.134	1471	1474	1475	rBV3	39898	83098	1.64%	0.245%
33	19.168	1475	1477	1478	rVV2	91008	119715	2.36%	0.353%
34	19.248	1482	1484	1486	rVV3	40138	81436	1.61%	0.240%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.294	1486	1488	1491	rVV4	57554	102109	2.01%	0.302%
36	19.408	1496	1498	1500	rVV2	50698	70324	1.39%	0.208%
37	19.466	1500	1503	1506	rVV5	26153	70607	1.39%	0.208%

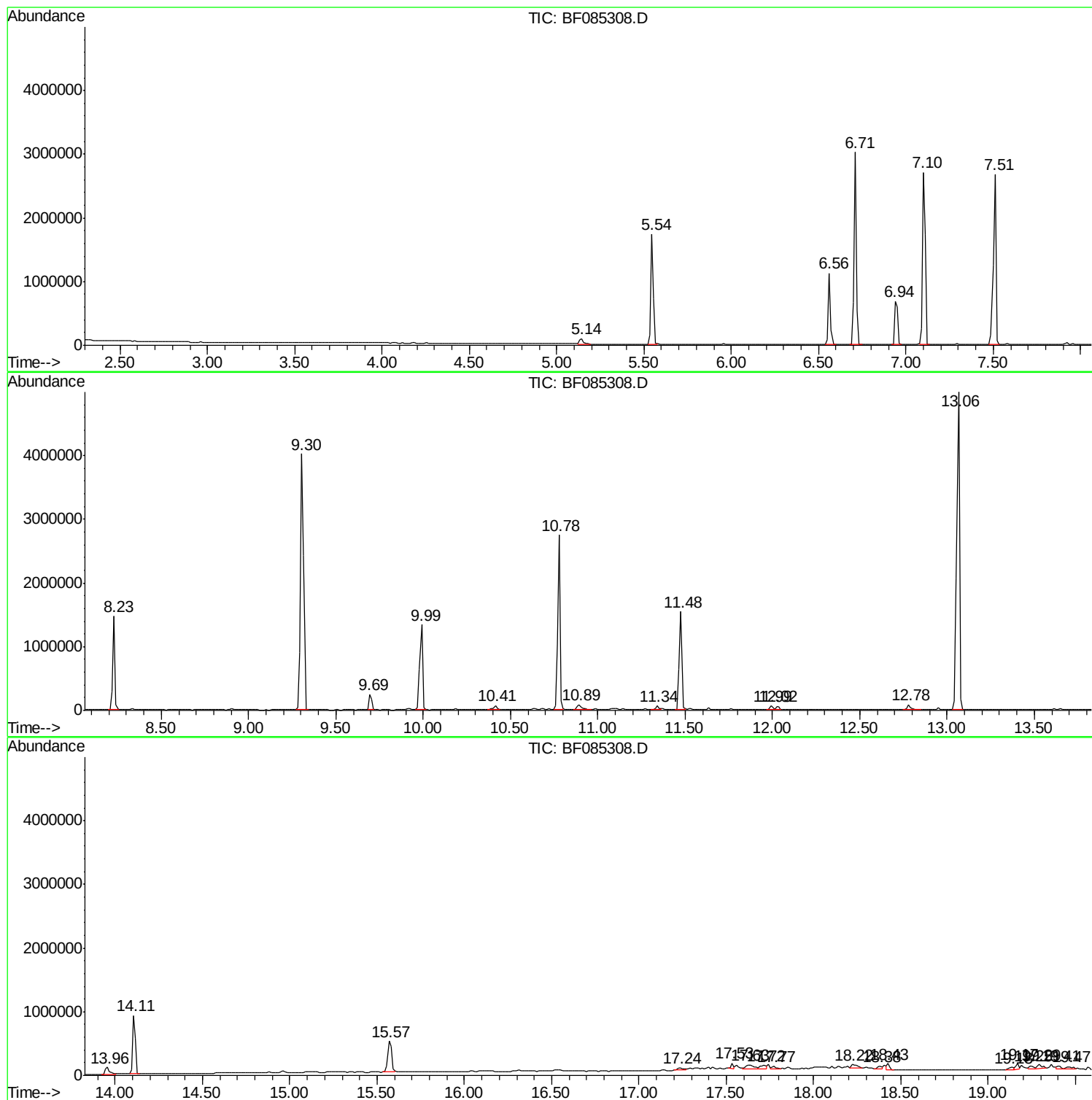
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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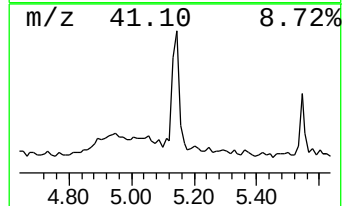
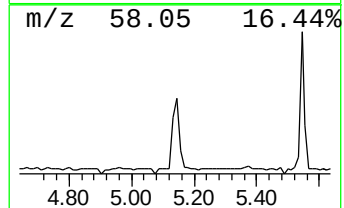
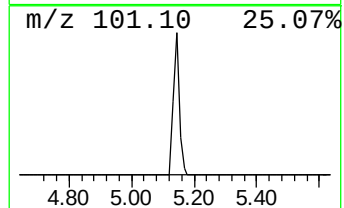
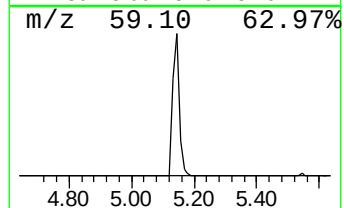
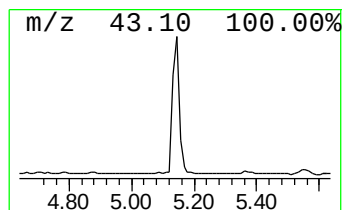
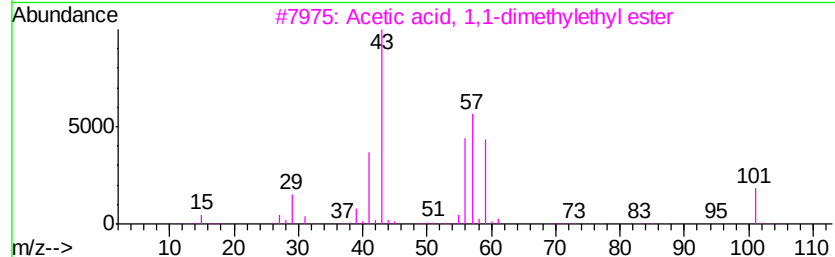
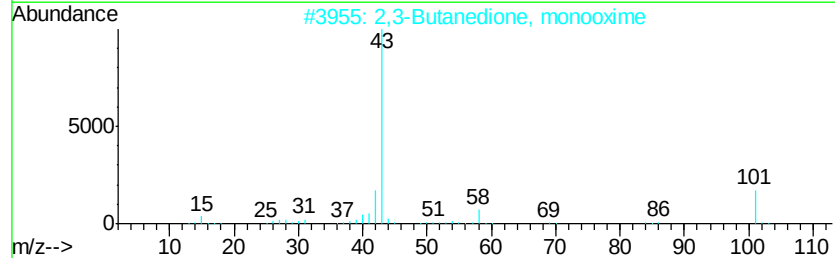
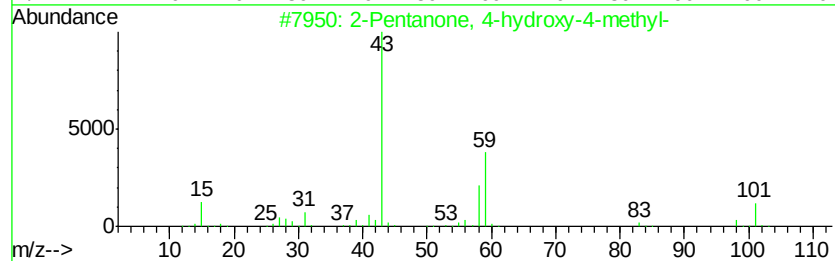
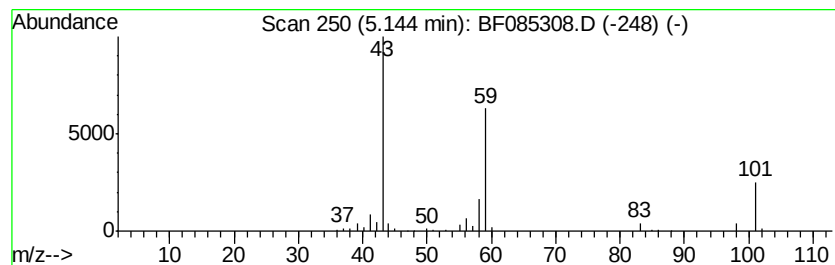
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	2.65 ng	118879	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	43
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4			3-Hexanol	102	C6H14O	000623-37-0	25
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	23



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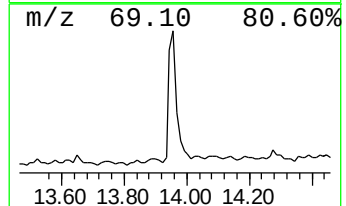
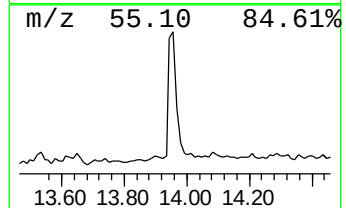
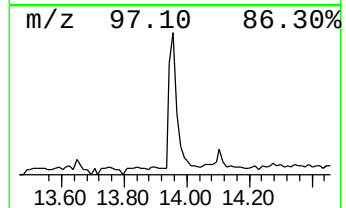
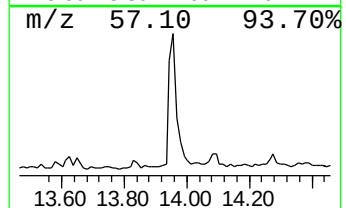
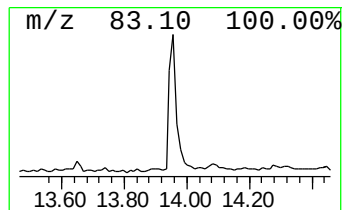
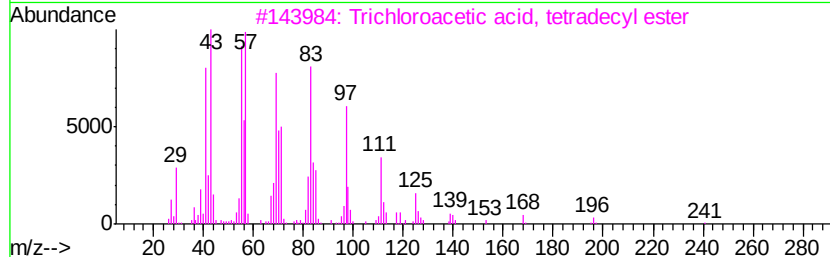
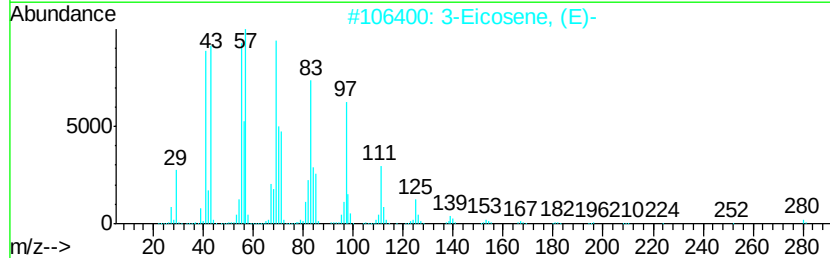
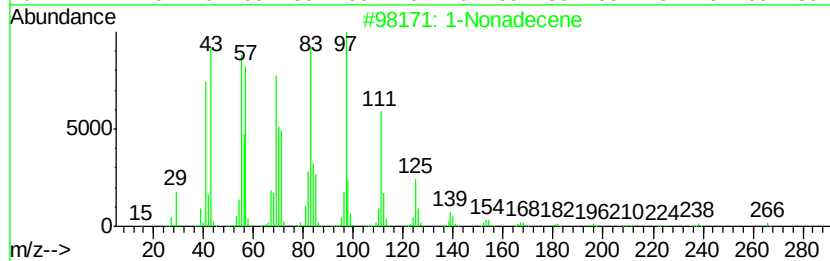
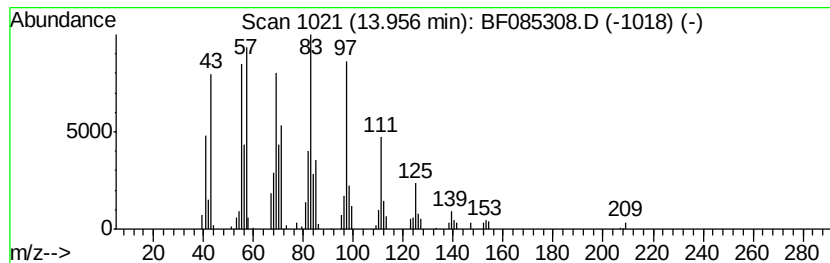
Instrument :
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.96	3.50 ng	185312	Chrysene-d12	14.11	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	1000280-07-5	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90



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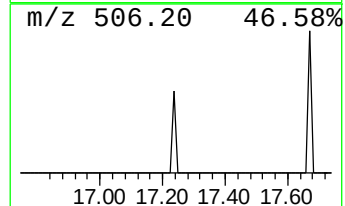
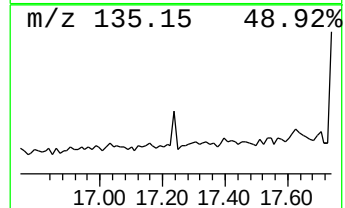
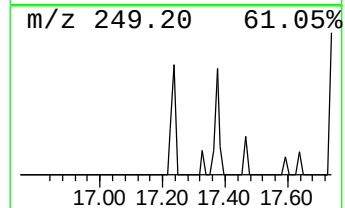
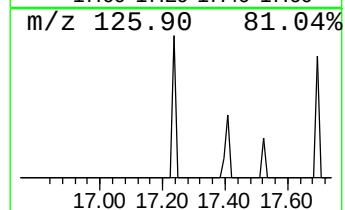
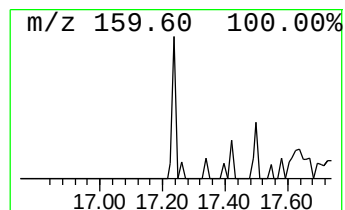
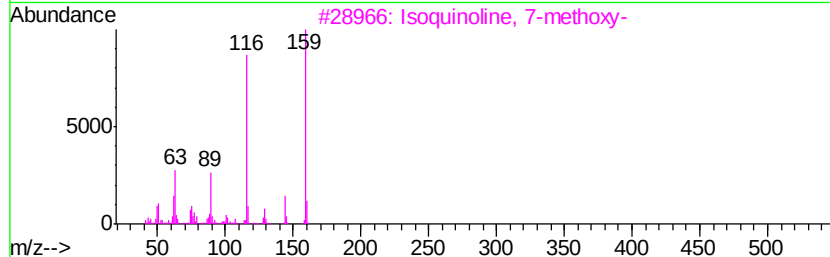
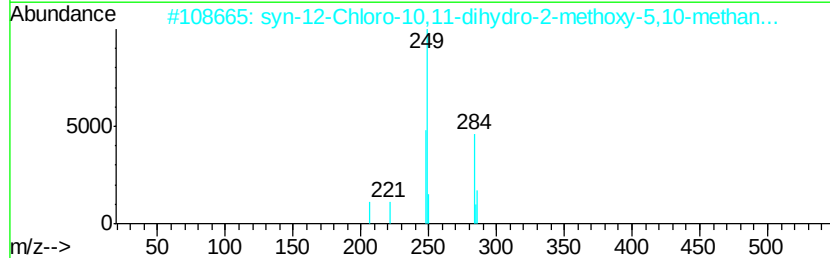
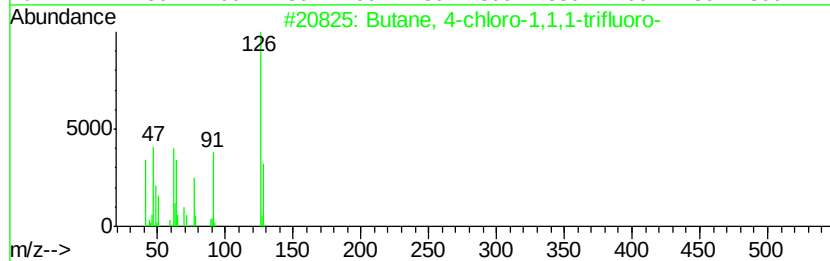
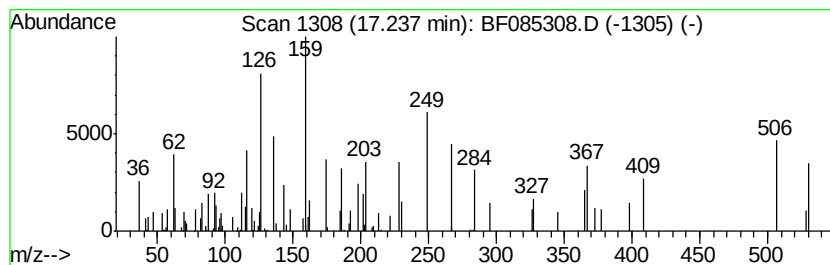
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown17.24 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	2.60 ng	92494	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 4-chloro-1,1,1-trifluoro-	146	C4H6ClF3	000406-85-9	23
2		syn-12-Chloro-10,11-dihydro-2-me...	284	C17H13ClO2	106161-33-5	9
3		Isoquinoline, 7-methoxy-	159	C10H9NO	039989-39-4	4
4		N,N-Diethyltrifluoroacetamide	169	C6H10F3NO	000360-92-9	4
5		Ethene, chloro-	62	C2H3Cl	000075-01-4	3



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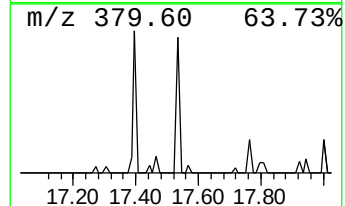
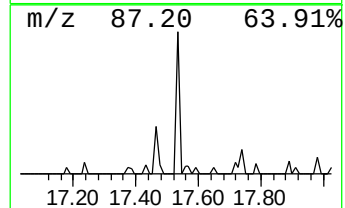
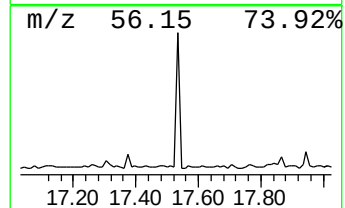
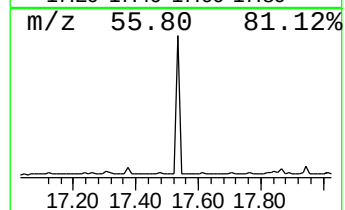
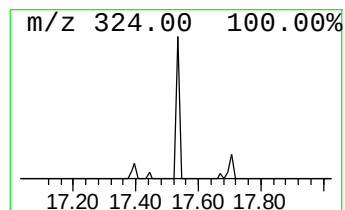
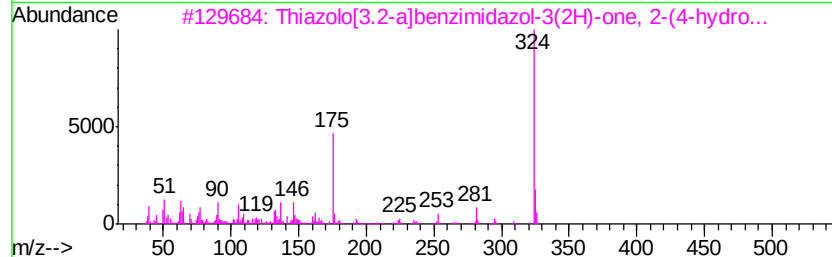
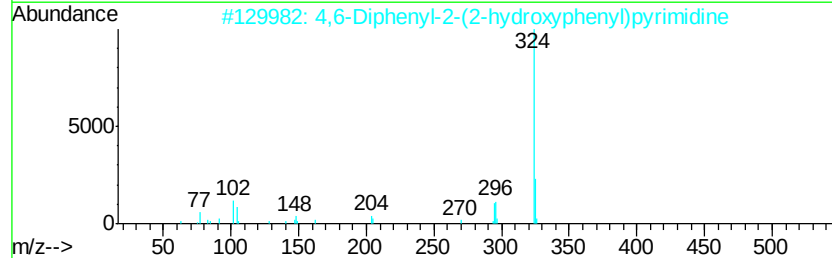
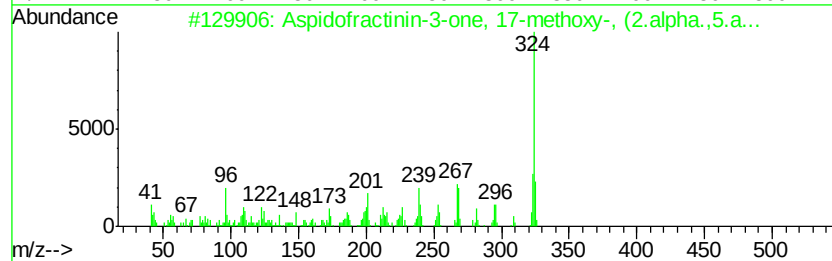
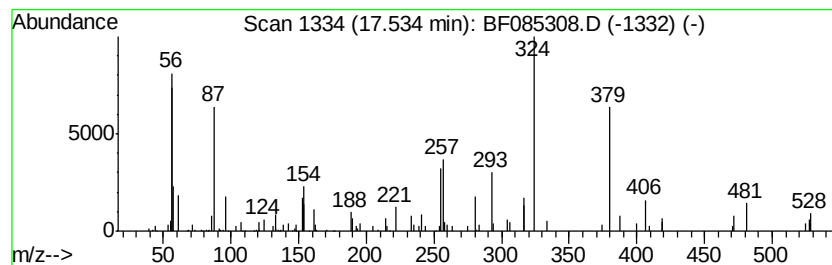
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown17.53 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	2.18 ng	77589	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Aspidofractinin-3-one, 17-methox...	324	C20H24N2O2	055724-66-8	22
2		4,6-Diphenyl-2-(2-hydroxyphenyl)...	324	C22H16N2O	052829-05-7	10
3		Thiazolo[3.2-a]benzimidazol-3(2H)...	324	C17H12N2O3S	088498-93-5	7
4		2-Pyrazolin-5-one, 4-[[p-(dimeth...	324	C18H17FN4O	027808-01-1	7
5		2,4,5-Triphenyl-3-nitrosopyrrole	324	C22H16N2O	075096-68-3	7



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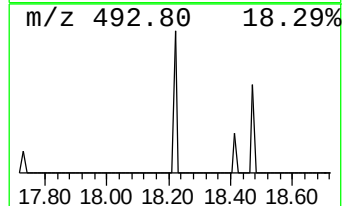
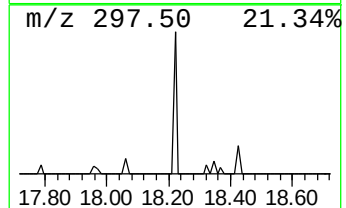
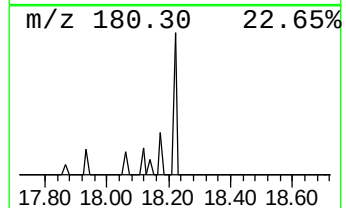
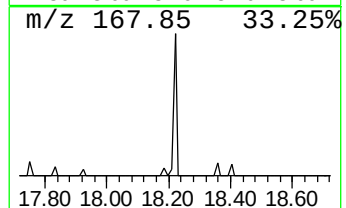
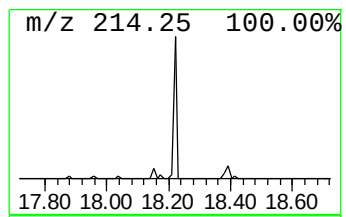
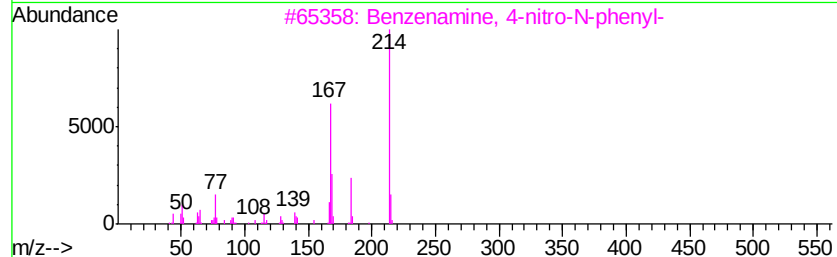
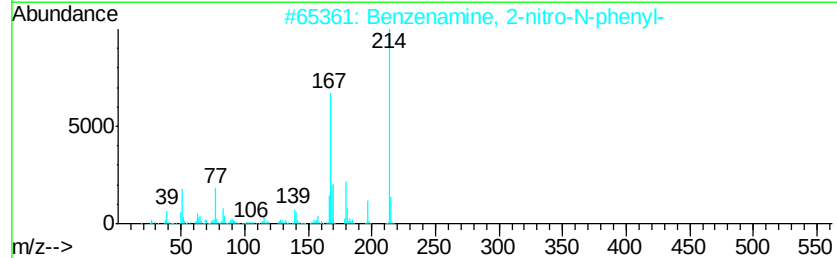
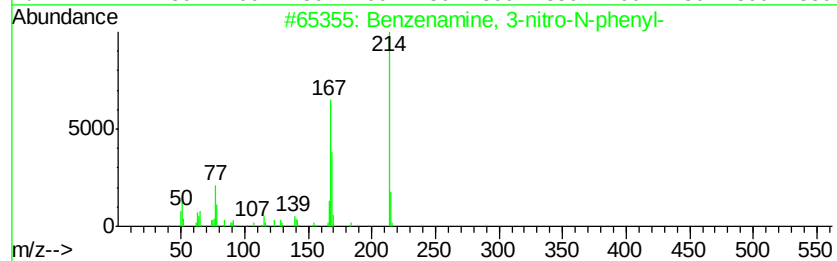
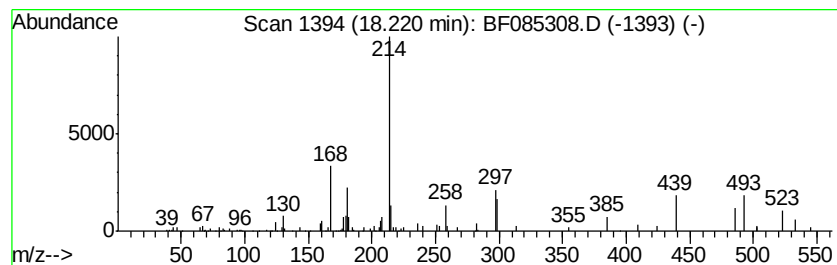
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Peak Number 9 unknown18.22 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	4.12 ng	146772	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenamine, 3-nitro-N-phenyl-	214	C12H10N2O2	004531-79-7	38
2		Benzenamine, 2-nitro-N-phenyl-	214	C12H10N2O2	000119-75-5	32
3		Benzenamine, 4-nitro-N-phenyl-	214	C12H10N2O2	000836-30-6	32
4		2-Benzyl-4-methoxyphenol	214	C14H14O2	038940-06-6	32
5		Iron, dicarbonyl .eta.-5-cyclope...	270	C14H14FeO2	1000150-25-5	32



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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-GW

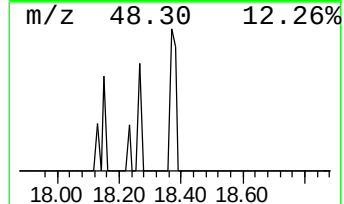
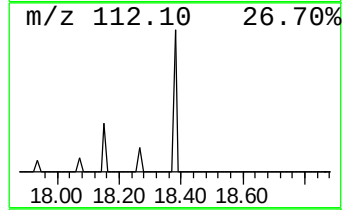
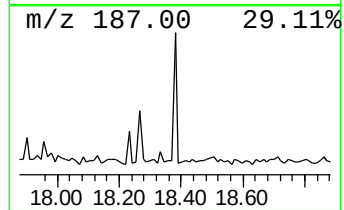
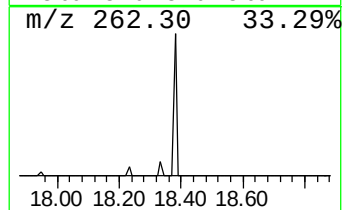
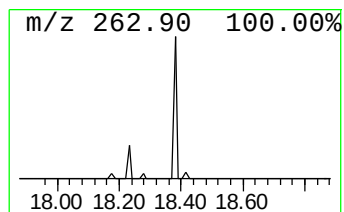
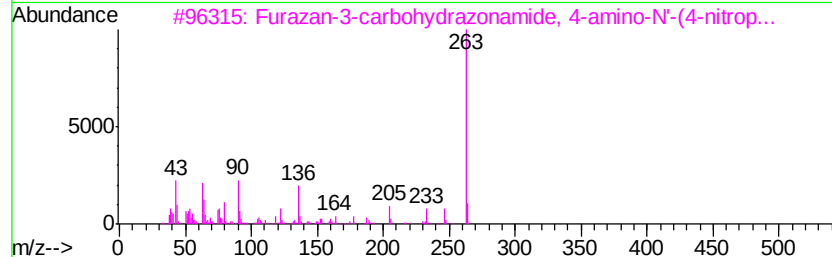
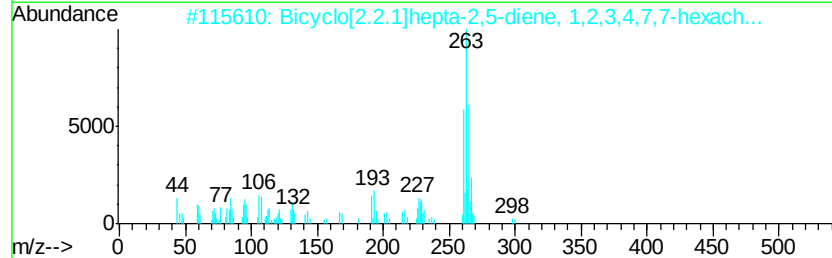
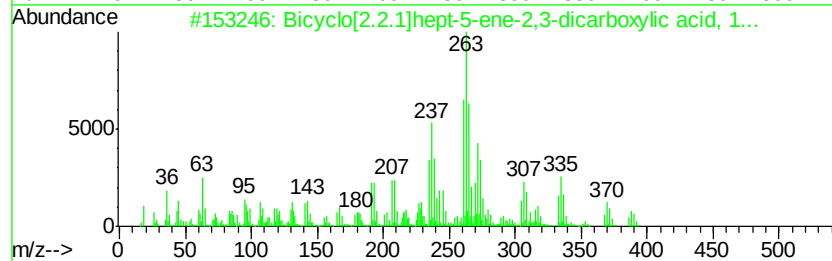
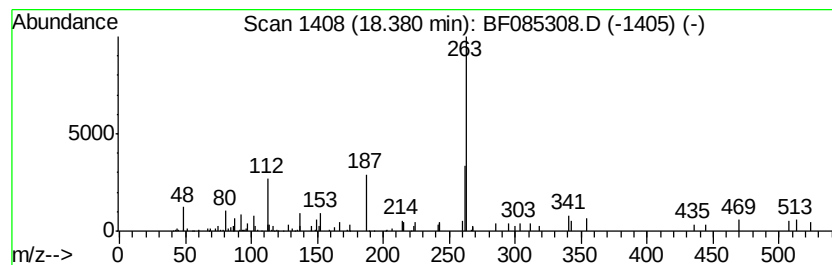
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown18.38 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.14 ng	76341	Perylene-d12	15.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]hept-5-ene-2,3-dic...	386	C9H4Cl6O4	000115-28-6	35
2			Bicyclo[2.2.1]hepta-2,5-diene, 1...	296	C7H2Cl6	003389-71-7	9
3			Furazan-3-carbohydrazonamide, 4-...	263	C9H9N7O3	309734-45-0	7
4			2-(4-Methoxy-phenyl)-1H-1,3a,8-t...	263	C16H13N3O	036289-23-3	7
5			2-Amino-5-iodobenzoic acid	263	C7H6INO2	005326-47-6	7



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085308.D
Acq On : 9 Mar 2016 19:39
Operator : UM/SJ
Sample : H1724-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-GW

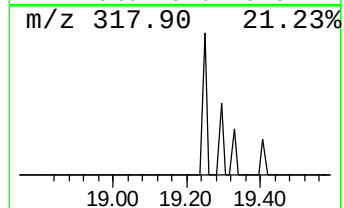
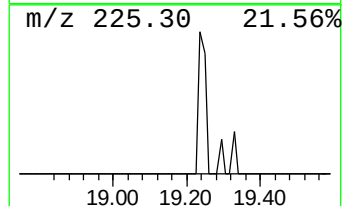
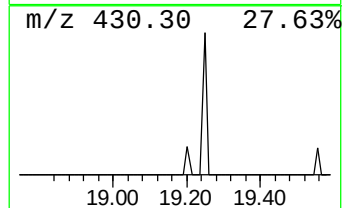
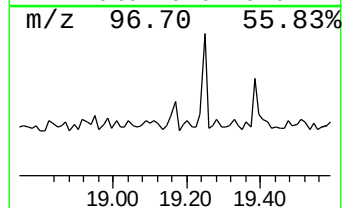
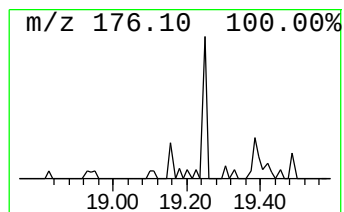
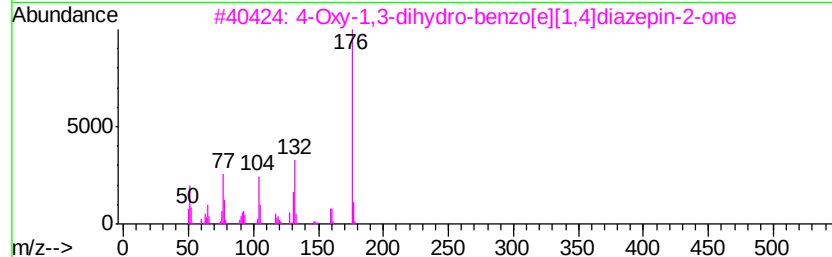
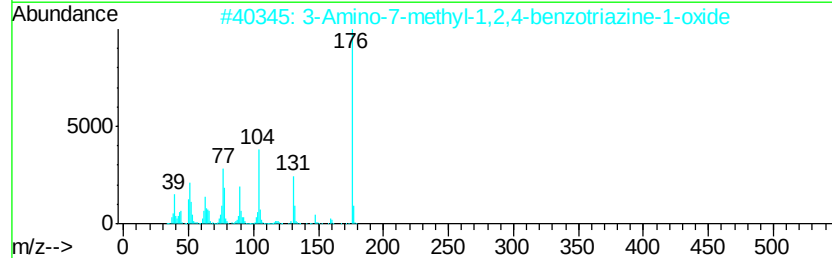
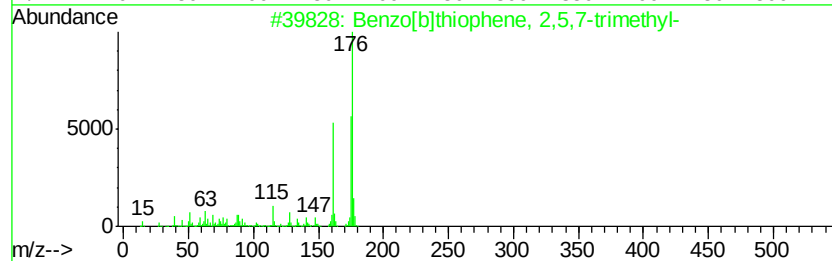
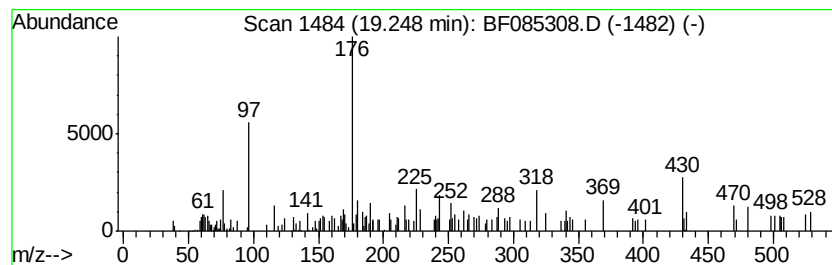
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown19.25 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	2.28 ng	81436	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 2,5,7-trimethyl-	176	C11H12S	016587-65-8	38
2		3-Amino-7-methyl-1,2,4-benzotria...	176	C8H8N4O	027281-74-9	38
3		4-Oxy-1,3-dihydro-benzo[e][1,4]d...	176	C9H8N2O2	016780-57-7	32
4		2-Cyanomethyl-2-methyl-8-methoxy...	216	C13H16N2O	1000287-23-5	32
5		5,6-Dihydro-2-methyl-1,4-dithiin...	176	C6H8O2S2	035756-29-7	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085308.D
Acq On : 9 Mar 2016 19:39
Operator : UM/SJ
Sample : H1724-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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...	5.14	2.6	ng	118879	1	6.95	897121	20.0
1-Nonadecene	13.96	3.5	ng	185312	5	14.11	1059330	20.0
unknown17.24	17.24	2.6	ng	92494	6	15.57	712818	20.0
unknown17.53	17.53	2.2	ng	77589	6	15.57	712818	20.0
unknown18.22	18.22	4.1	ng	146772	6	15.57	712818	20.0
unknown18.38	18.38	2.1	ng	76341	6	15.57	712818	20.0
unknown19.25	19.25	2.3	ng	81436	6	15.57	712818	20.0