

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
 Data File : BF088723.D
 Acq On : 6 Jul 2016 1:05
 Operator : UM/SJ
 Sample : H3881-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q6-B4-6-12-C

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-BF063016.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	1.713	10	11	21	rVB	49831	102749	5.69%	0.582%
2	1.850	21	23	60	rVB	498739	1251916	69.29%	7.091%
3	4.936	290	293	296	rBV	62666	90870	5.03%	0.515%
4	5.359	328	330	333	rBV	1335037	1470471	81.39%	8.329%
5	6.410	419	422	424	rBV	1591803	1806733	100.00%	10.234%
6	6.536	431	433	436	rBV	1642631	1551131	85.85%	8.786%
7	6.776	452	454	456	rBB	616633	612759	33.92%	3.471%
8	6.925	465	467	470	rBB	1053828	1116720	61.81%	6.326%
9	7.336	500	503	505	rBV	1148825	1035690	57.32%	5.867%
10	8.056	564	566	569	rBV	987234	820953	45.44%	4.650%
11	9.131	658	660	663	rBV	1518460	1495478	82.77%	8.471%
12	9.531	693	695	697	rBV	234153	236999	13.12%	1.342%
13	9.805	717	719	722	rVV	995484	857106	47.44%	4.855%
14	10.251	756	758	760	rBV	34051	27260	1.51%	0.154%
15	10.594	785	788	790	rBV	745691	902662	49.96%	5.113%
16	10.719	797	799	803	rVB	44386	47638	2.64%	0.270%
17	11.165	836	838	840	rBV	50936	47375	2.62%	0.268%
18	11.279	846	848	851	rBV	791697	762172	42.19%	4.317%
19	11.359	852	855	856	rVB	13600	23197	1.28%	0.131%
20	11.588	873	875	878	rVB	24105	28396	1.57%	0.161%
21	11.805	888	894	896	rBV4	21480	62790	3.48%	0.356%
22	11.885	900	901	907	rVV3	22379	43775	2.42%	0.248%
23	12.365	941	943	946	rVB3	16864	25619	1.42%	0.145%
24	12.491	952	954	956	rVB	27844	37127	2.05%	0.210%
25	12.537	956	958	960	rBV3	12002	23110	1.28%	0.131%
26	12.708	972	973	976	rBV	56105	55536	3.07%	0.315%
27	12.868	984	987	989	rBV	1151626	1205562	66.73%	6.829%
28	13.142	1009	1011	1014	rBV	34969	43705	2.42%	0.248%
29	13.234	1017	1019	1021	rBV	92047	98591	5.46%	0.558%
30	13.268	1021	1022	1023	rVB	49996	35732	1.98%	0.202%
31	13.485	1039	1041	1042	rBV2	41441	42619	2.36%	0.241%
32	13.611	1050	1052	1053	rVB	40402	37100	2.05%	0.210%
33	13.645	1053	1055	1056	rBV	61967	60448	3.35%	0.342%
34	13.725	1060	1062	1064	rBV	39694	77707	4.30%	0.440%

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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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35	13.794	1066	1068	1071	rBV2	57468	92143	5.10%	0.522%
36	13.908	1075	1078	1080	rBV	609912	653162	36.15%	3.700%
37	14.194	1101	1103	1107	rBV3	44342	82495	4.57%	0.467%
38	15.188	1187	1190	1193	rBV	79120	106234	5.88%	0.602%
39	15.303	1197	1200	1206	rVB	450291	582425	32.24%	3.299%

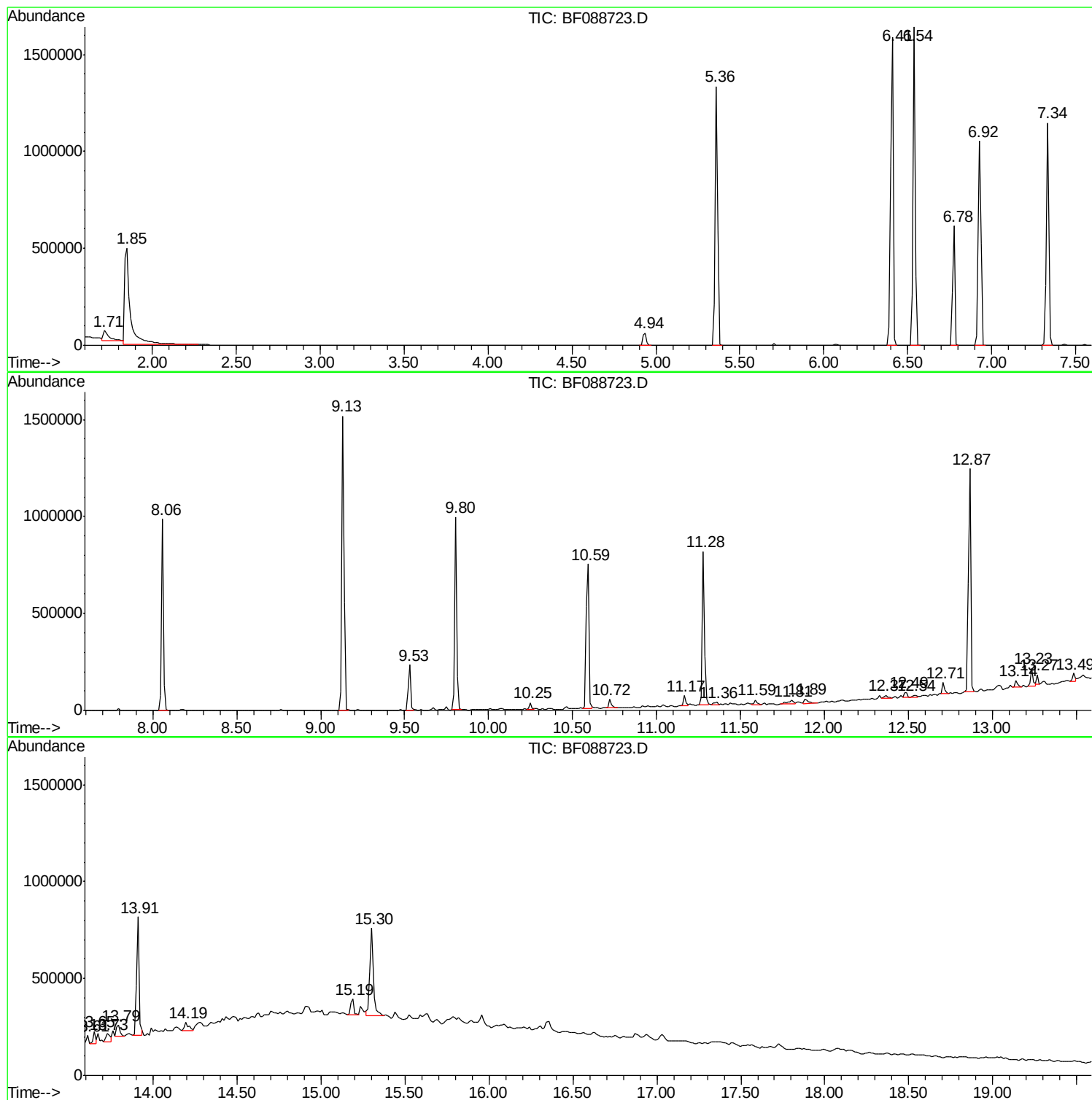
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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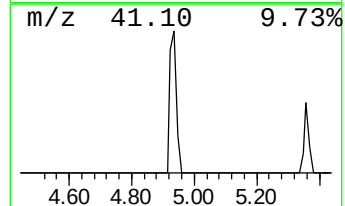
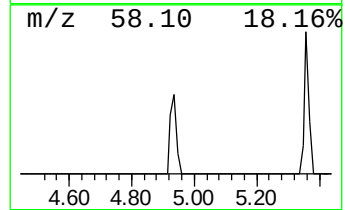
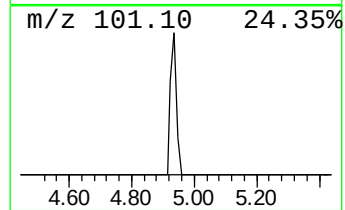
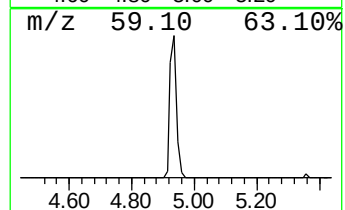
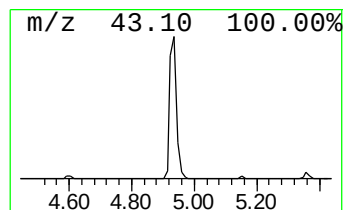
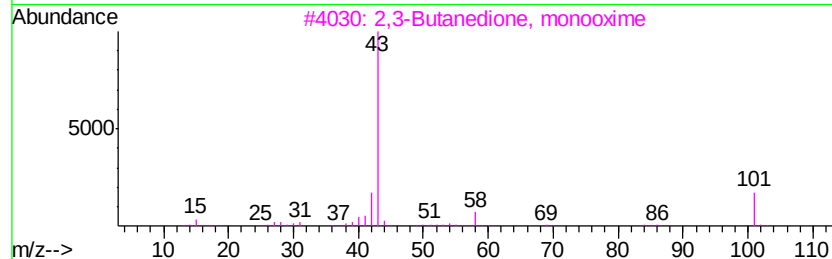
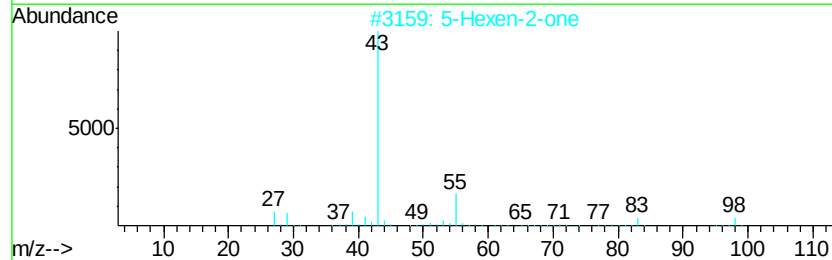
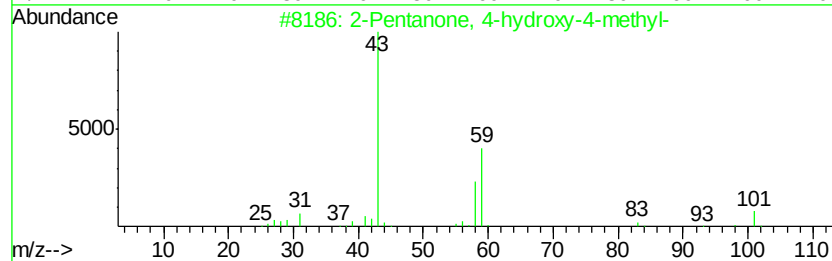
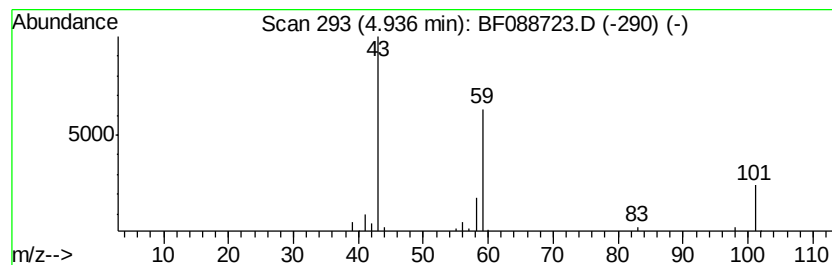
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	2.97 ng	90870	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		5-Hexen-2-one	98	C6H10O	000109-49-9	9
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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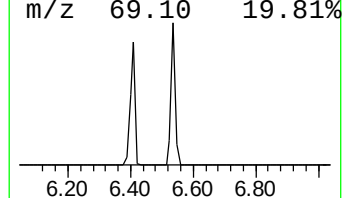
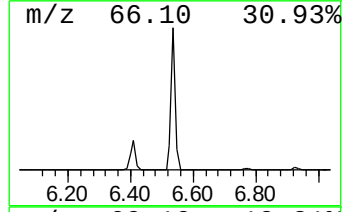
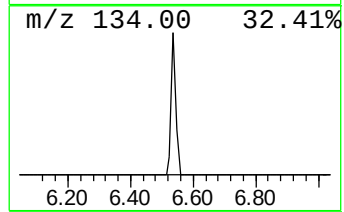
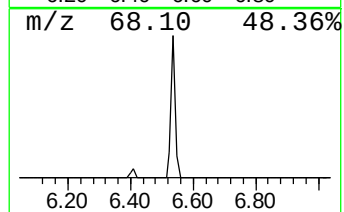
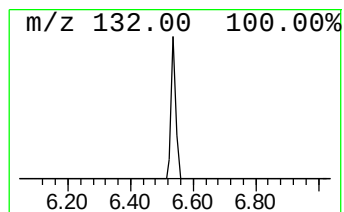
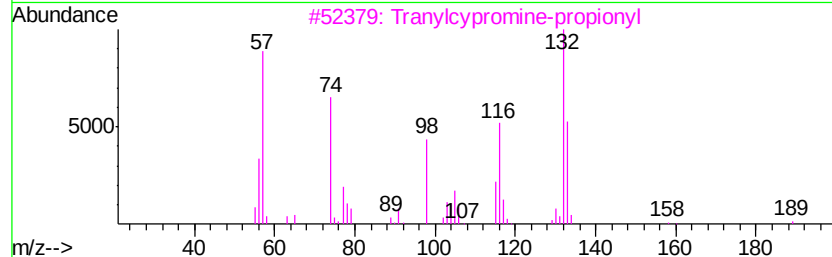
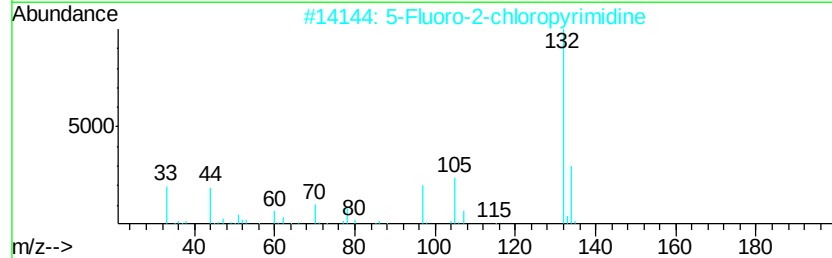
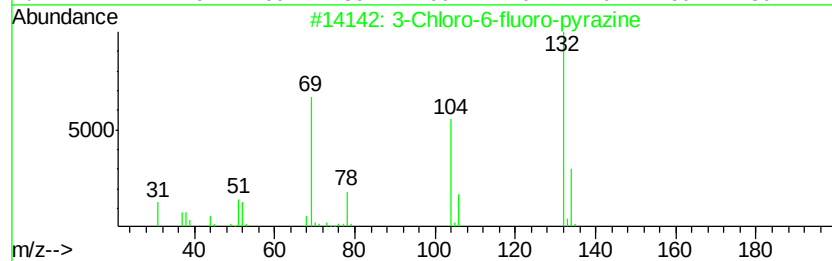
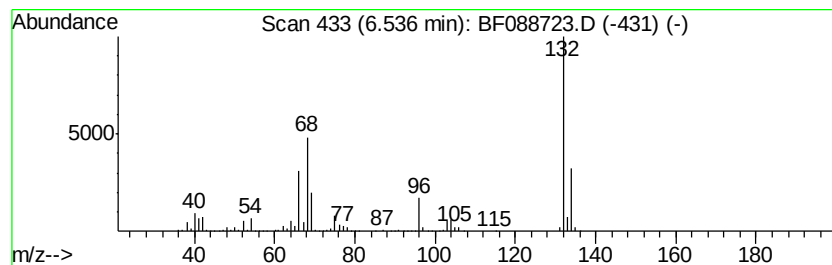
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Peak Number 4 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	50.63 ng	1551130	1,4-Dichlorobenzene-d4	6.78

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		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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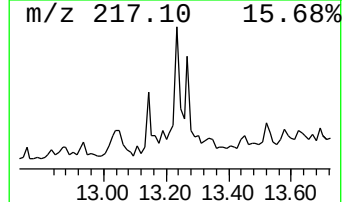
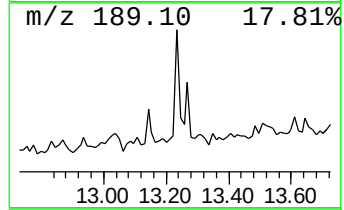
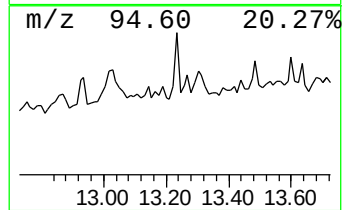
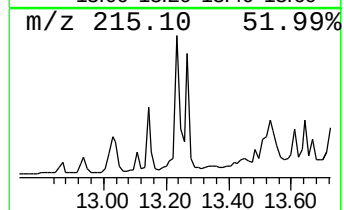
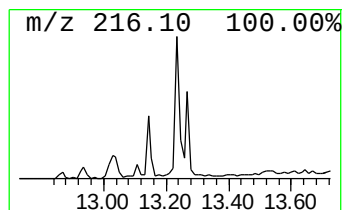
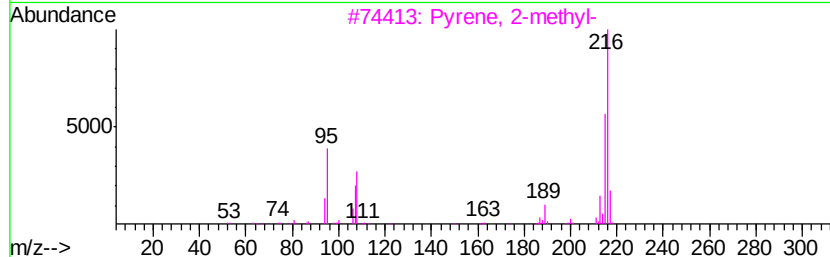
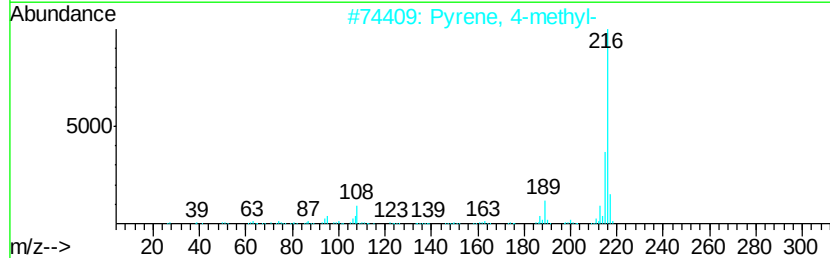
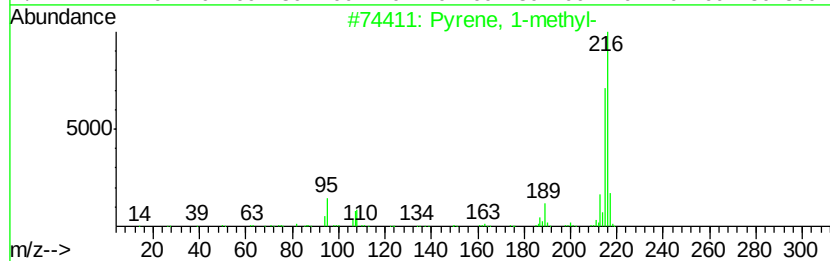
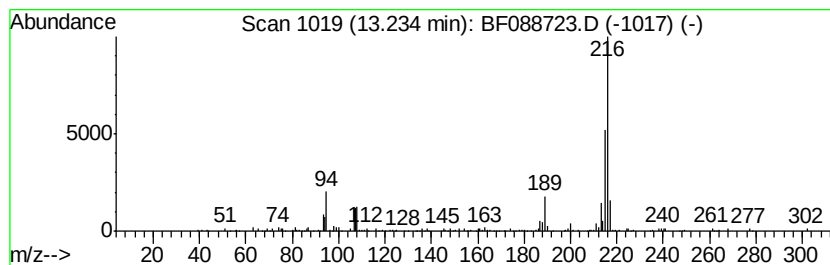
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	3.02 ng	98591	Chrysene-d12	13.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2		Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83



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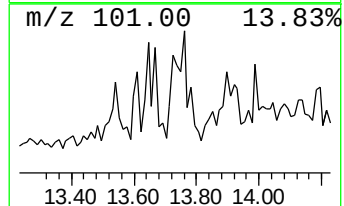
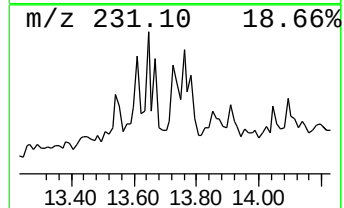
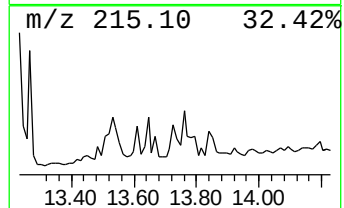
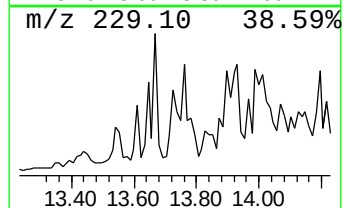
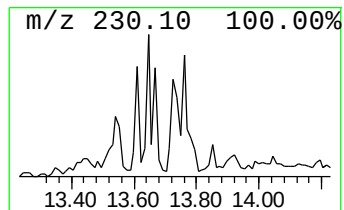
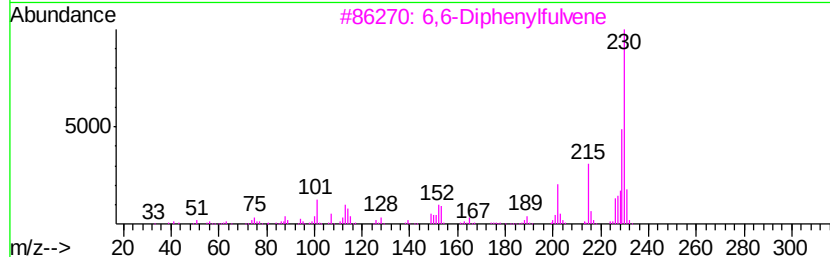
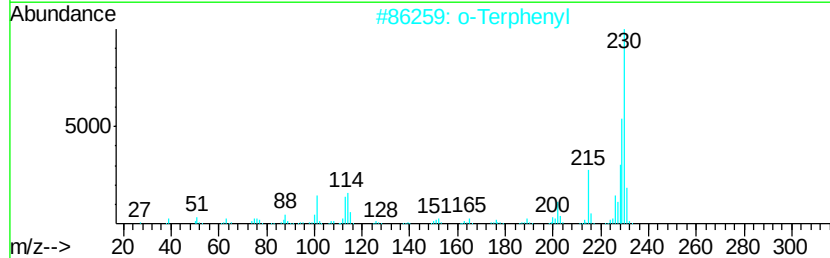
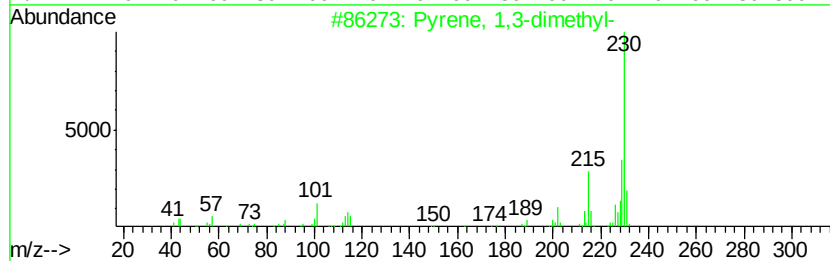
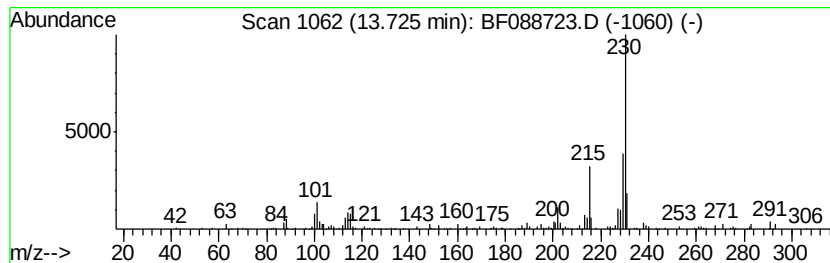
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TIC Library : C:\Database\NIST11.L
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Peak Number 7 Pyrene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.38 ng	77707	Chrysene-d12	13.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	93
2		o-Terphenyl	230	C18H14	000084-15-1	91
3		6,6-Diphenylfulvene	230	C18H14	002175-90-8	81
4		4,4'-Stilbenedicarbonitrile	230	C16H10N2	006292-62-2	64
5		4-Benzhydrylidenebicyclo[3.2.0]h...	272	C20H16O	034130-48-8	56



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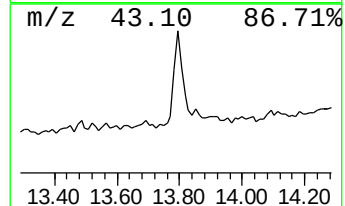
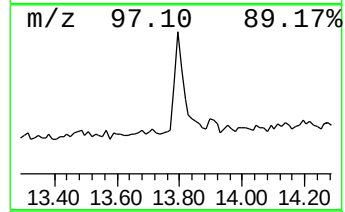
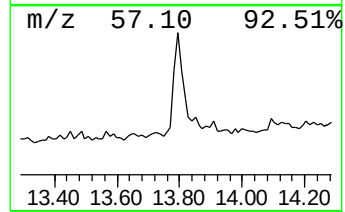
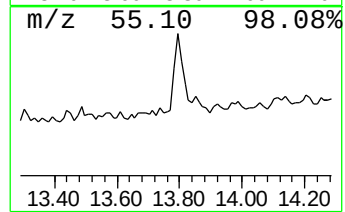
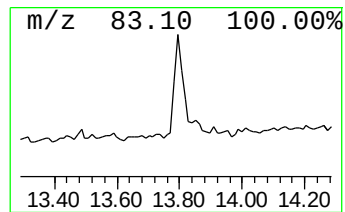
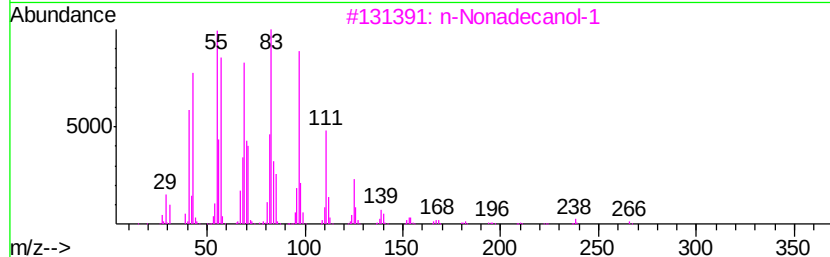
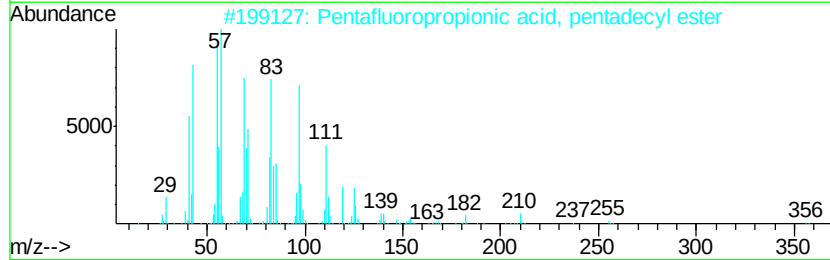
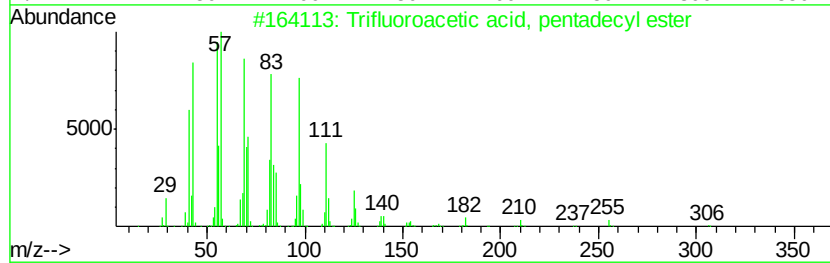
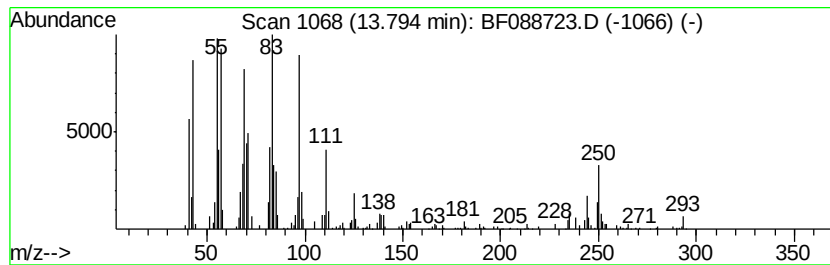
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Peak Number 8 Trifluoroacetic acid, penta... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.79	2.82 ng	92143	Chrysene-d12	13.91	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91



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Sample : H3881-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

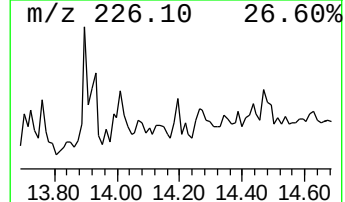
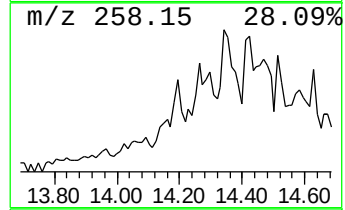
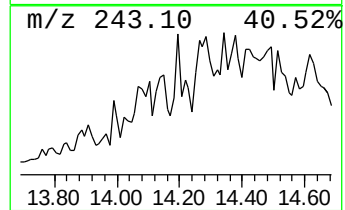
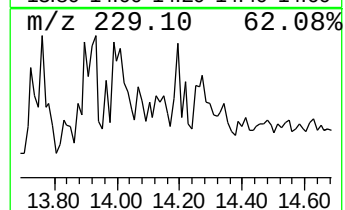
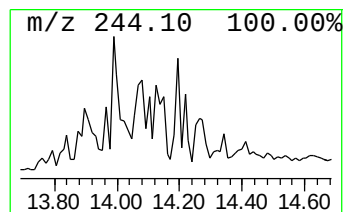
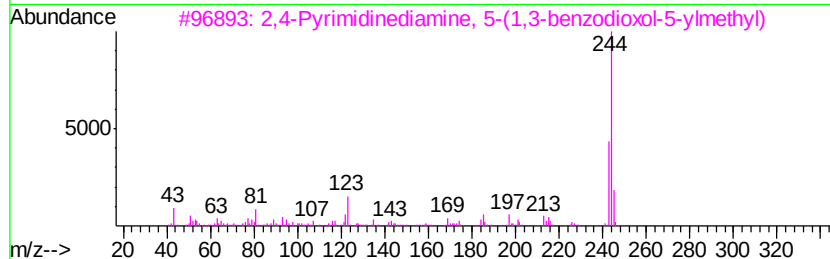
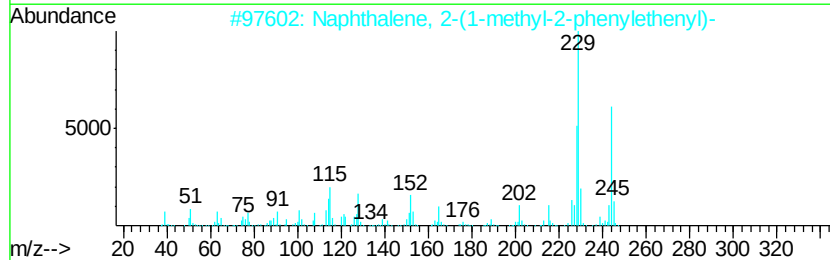
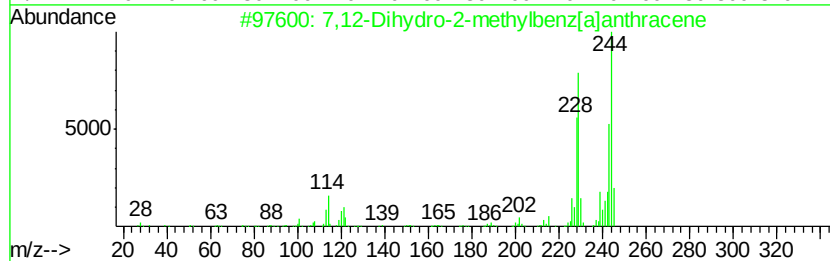
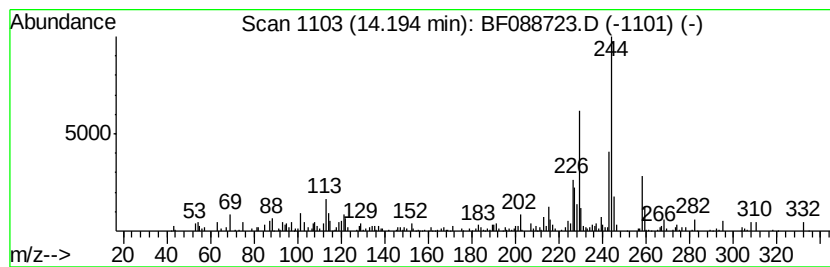
Instrument :
BNA_F
ClientSampleId :
Q6-B4-6-12-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 7,12-Dihydro-2-methylbenz[a... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.19	2.53 ng	82495	Chrysene-d12	13.91		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydro-2-methylbenz[a]anth...	244	C19H16	035187-44-1	62	
2	Naphthalene, 2-(1-methyl-2-pheny...	244	C19H16	017181-02-1	52	
3	2,4-Pyrimidinediamine, 5-(1,3-be...	244	C12H12N4O2	013932-40-6	45	
4	Tetralin, 6-acetyl-8-isopropyl-2...	244	C17H24O	1000155-43-5	43	
5	Benzene, ethenylpentaethyl-	244	C18H28	002715-34-6	43	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
Data File : BF088723.D
Acq On : 6 Jul 2016 1:05
Operator : UM/SJ
Sample : H3881-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q6-B4-6-12-C

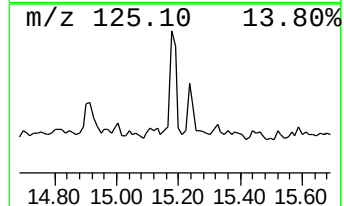
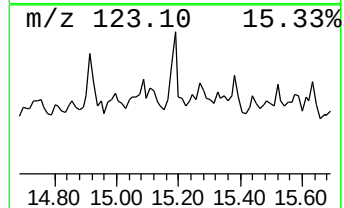
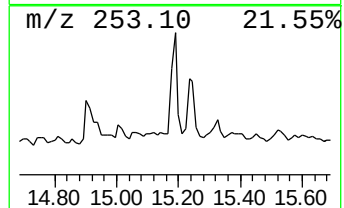
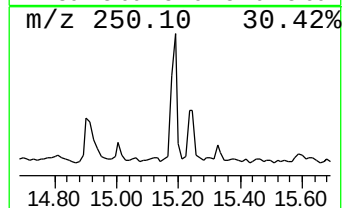
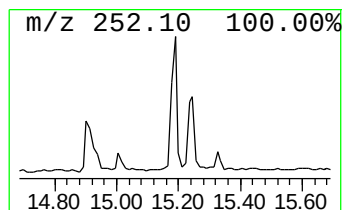
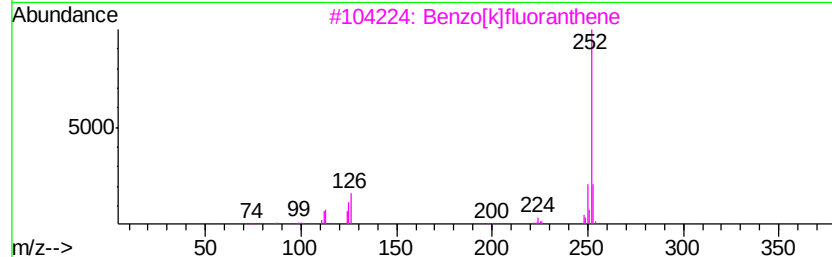
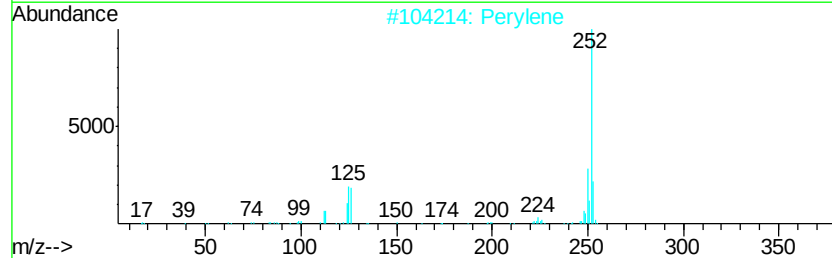
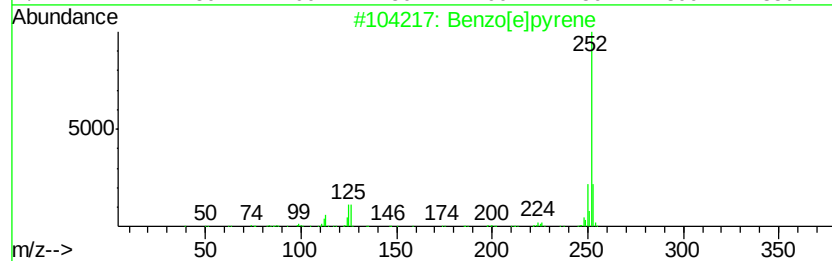
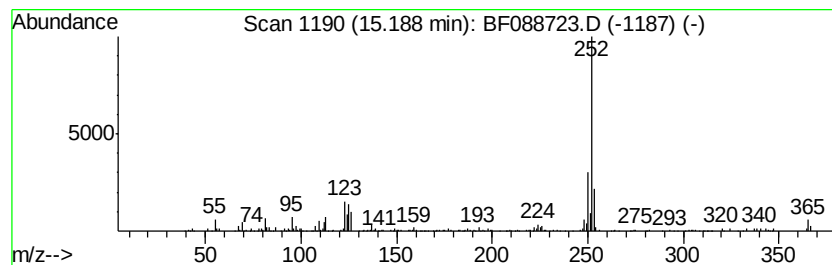
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	3.65 ng	106234	Perylene-d12	15.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Perylene	252	C20H12	000198-55-0	94
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
5			Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
Data File : BF088723.D
Acq On : 6 Jul 2016 1:05
Operator : UM/SJ
Sample : H3881-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q6-B4-6-12-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.94	3.0	ng	90870	1	6.78	612759	20.0
unknown6.54	6.54	50.6	ng	1551130	1	6.78	612759	20.0
Pyrene, 1-methyl-	13.23	3.0	ng	98591	5	13.91	653162	20.0
Pyrene, 1,3-dimet...	13.73	2.4	ng	77707	5	13.91	653162	20.0
Trifluoroacetic a...	13.79	2.8	ng	92143	5	13.91	653162	20.0
7,12-Dihydro-2-me...	14.19	2.5	ng	82495	5	13.91	653162	20.0
Benzo[e]pyrene	15.19	3.6	ng	106234	6	15.30	582425	20.0