

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
 Data File : BF090889.D
 Acq On : 28 Oct 2016 1:35
 Operator : UM/SJ
 Sample : H5423-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5COMP(0-16FEET)

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-BF102616.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	2.156	3	6	25	rVB7	14743	123013	3.58%	0.324%
2	4.933	246	249	256	rVB	467011	619572	18.03%	1.631%
3	5.367	284	287	290	rBV	2578352	2617986	76.18%	6.890%
4	6.419	376	379	381	rBV	2621677	2949980	85.84%	7.764%
5	6.545	387	390	392	rBV	2951173	3160344	91.96%	8.317%
6	6.773	408	410	412	rBV	804356	713478	20.76%	1.878%
7	6.933	421	424	426	rBV	2395713	2547087	74.12%	6.703%
8	7.345	457	460	462	rBV	1640789	1884558	54.84%	4.960%
9	7.425	466	467	476	rVB2	31044	58912	1.71%	0.155%
10	8.065	520	523	525	rBV	860180	1025556	29.84%	2.699%
11	9.139	615	617	620	rBV	3942090	3436578	100.00%	9.044%
12	9.539	650	652	654	rBV	1118328	998731	29.06%	2.628%
13	9.813	674	676	678	rBV	1336492	1107552	32.23%	2.915%
14	10.259	713	715	716	rVB	32003	41820	1.22%	0.110%
15	10.602	742	745	747	rBV	1883574	1738693	50.59%	4.576%
16	10.728	754	756	759	rVB	86466	100441	2.92%	0.264%
17	10.934	769	774	777	rBV6	14648	39846	1.16%	0.105%
18	11.174	793	795	796	rBV	78845	58313	1.70%	0.153%
19	11.208	796	798	801	rVB2	39914	57117	1.66%	0.150%
20	11.299	804	806	810	rBV2	826625	1258174	36.61%	3.311%
21	11.368	810	812	814	rVB	57157	71079	2.07%	0.187%
22	11.551	823	828	831	rBV3	20960	62804	1.83%	0.165%
23	11.596	831	832	834	rBV	60729	66076	1.92%	0.174%
24	11.699	839	841	844	rVB	162756	147343	4.29%	0.388%
25	11.802	847	850	851	rBV	53445	74559	2.17%	0.196%
26	11.825	851	852	855	rVB	89858	80865	2.35%	0.213%
27	11.905	857	859	864	rVB2	80111	151032	4.39%	0.397%
28	12.008	867	868	869	rVB	58836	40361	1.17%	0.106%
29	12.088	872	875	877	rBV2	36732	87739	2.55%	0.231%
30	12.248	885	889	890	rVB2	54727	78299	2.28%	0.206%
31	12.294	890	893	896	rBV2	26738	56414	1.64%	0.148%
32	12.351	896	898	899	rBV	59885	72957	2.12%	0.192%
33	12.408	899	903	904	rVV2	555799	932982	27.15%	2.455%
34	12.431	904	905	907	rVV2	69615	77207	2.25%	0.203%

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Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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35	12.511	908	912	914	rVV	436213	675034	19.64%	1.777%
36	12.557	914	916	919	rVB2	37619	63300	1.84%	0.167%
37	12.728	928	931	933	rBV2	394953	600115	17.46%	1.579%
38	12.854	940	942	943	rBV	54571	79687	2.32%	0.210%
39	12.888	943	945	947	rVV	3046218	3068435	89.29%	8.075%
40	12.957	949	951	953	rVV2	52739	93241	2.71%	0.245%
41	13.014	955	956	958	rVV	127243	187562	5.46%	0.494%
42	13.059	958	960	962	rVV	66810	107640	3.13%	0.283%
43	13.128	964	966	968	rVV2	66729	87498	2.55%	0.230%
44	13.162	968	969	973	rVB	72641	101924	2.97%	0.268%
45	13.254	975	977	979	rVV	50936	65353	1.90%	0.172%
46	13.391	987	989	991	rVB	44542	48685	1.42%	0.128%
47	13.471	993	996	997	rBV2	71014	110014	3.20%	0.290%
48	13.574	1003	1005	1007	rBV	59082	83506	2.43%	0.220%
49	13.677	1012	1014	1016	rBV2	66416	119447	3.48%	0.314%
50	13.791	1022	1024	1028	rVB2	202079	277663	8.08%	0.731%
51	13.928	1033	1036	1041	rBV2	996094	1748987	50.89%	4.603%
52	14.111	1050	1052	1054	rBV	63198	66110	1.92%	0.174%
53	14.420	1077	1079	1080	rBV2	109467	147538	4.29%	0.388%
54	14.945	1123	1125	1129	rBV	314626	624526	18.17%	1.644%
55	15.037	1130	1133	1135	rVB2	203607	357564	10.40%	0.941%
56	15.231	1147	1150	1152	rBV2	167214	274781	8.00%	0.723%
57	15.288	1153	1155	1158	rVV	228028	405250	11.79%	1.067%
58	15.345	1158	1160	1166	rVB	626335	952896	27.73%	2.508%
59	15.997	1215	1217	1226	rVB	237109	602005	17.52%	1.584%
60	16.397	1250	1252	1260	rVB	255301	511435	14.88%	1.346%

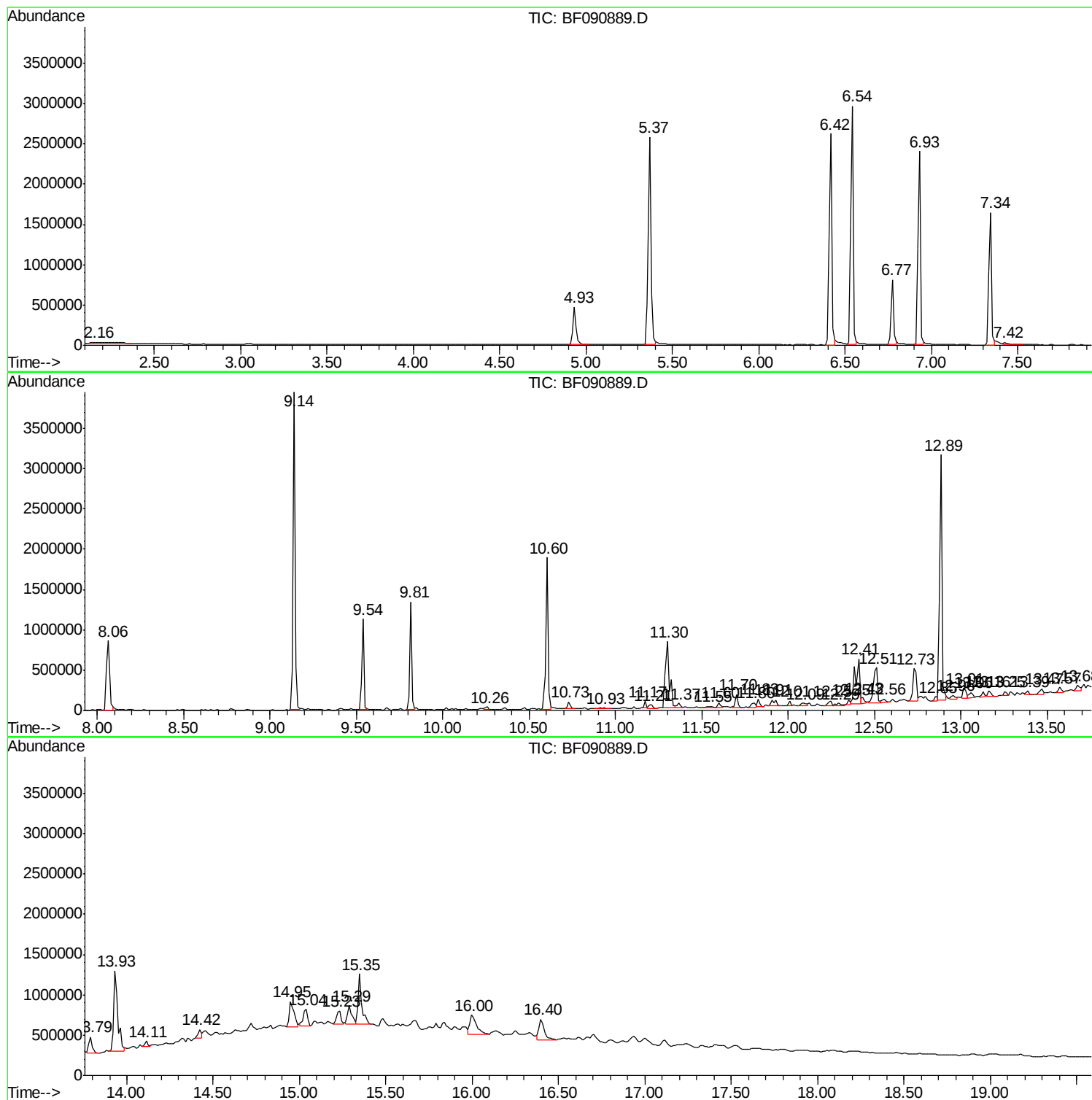
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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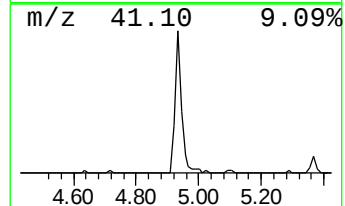
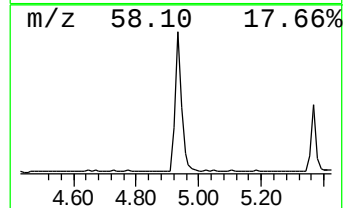
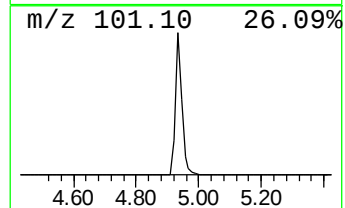
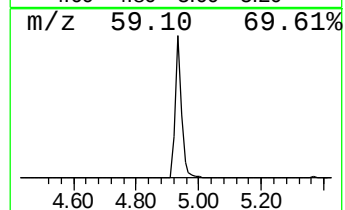
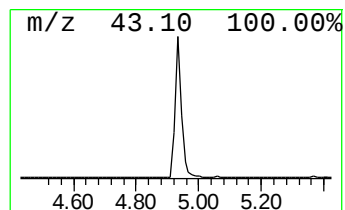
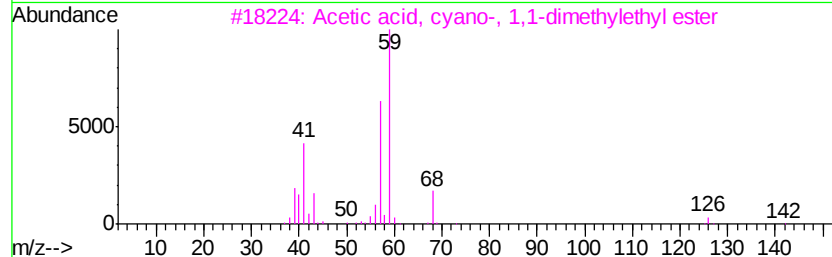
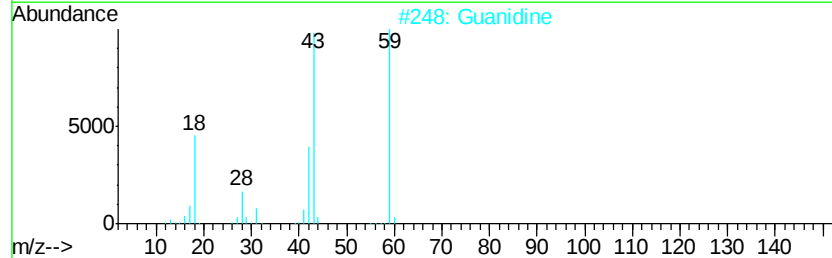
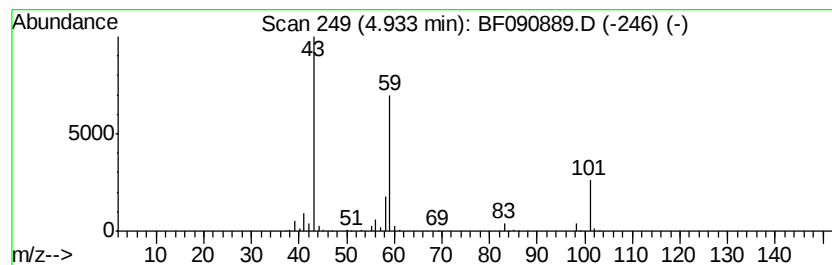
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	17.37 ng	619572	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Guanidine	59	CH5N3	000113-00-8	43
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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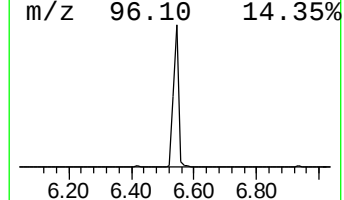
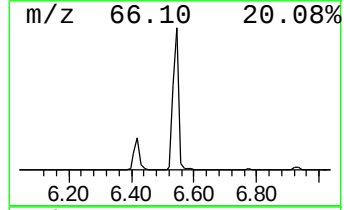
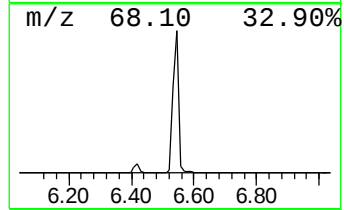
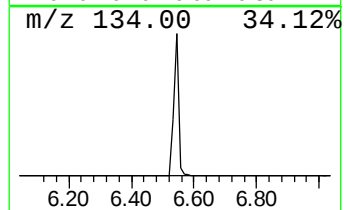
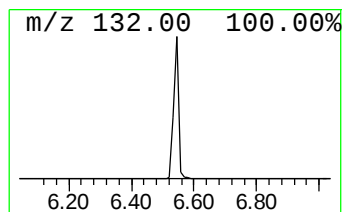
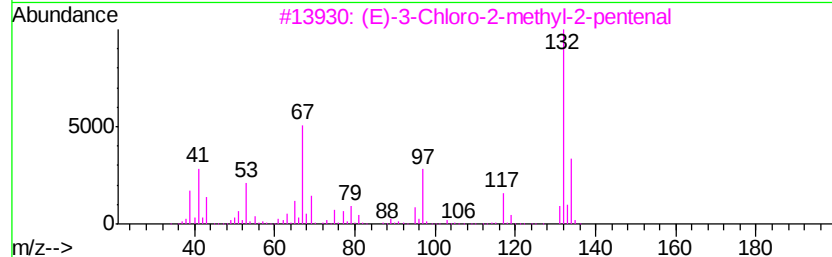
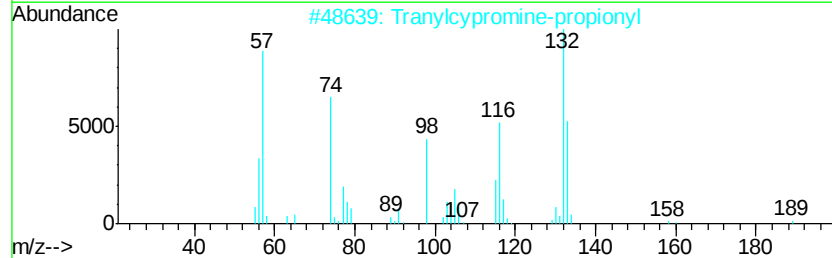
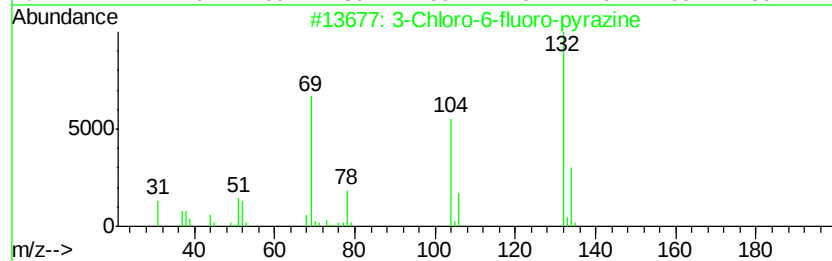
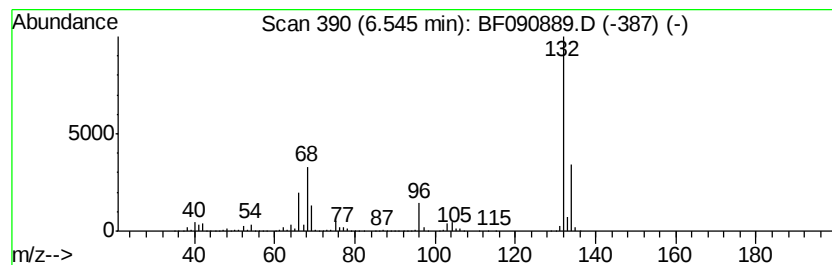
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	88.59 ng	3160340	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		Amphetaminil	250	C17H18N2	017590-01-1	12
5		Xenon	132	Xe	007440-63-3	9



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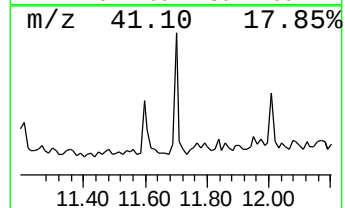
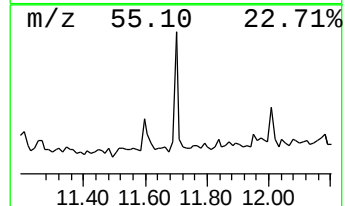
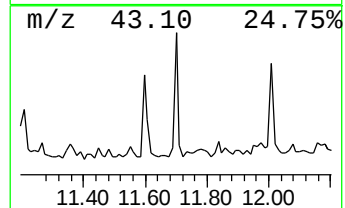
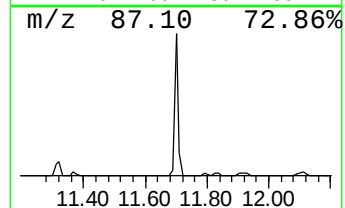
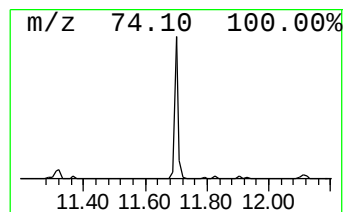
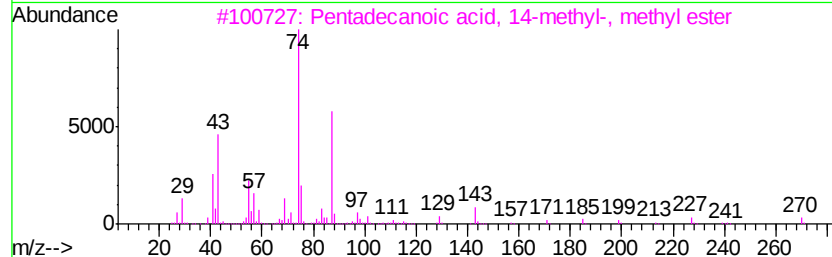
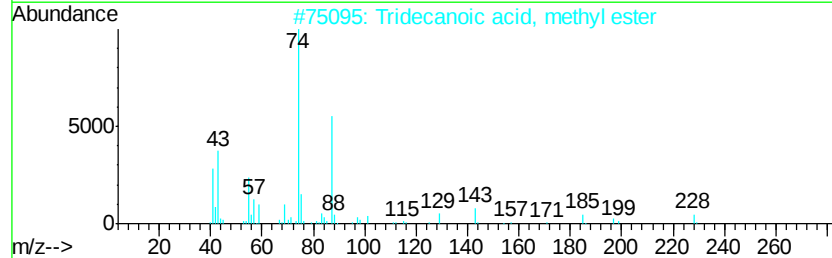
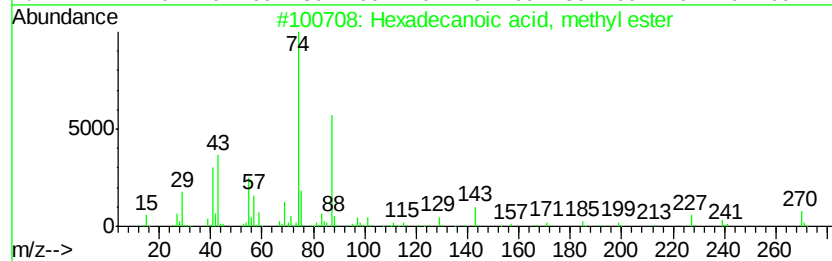
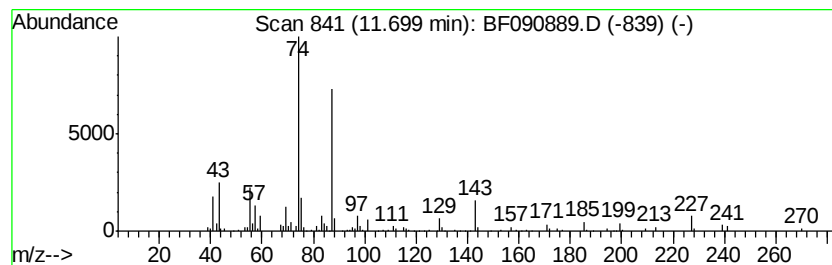
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	2.34 ng	147343	Phenanthrene-d10	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	80



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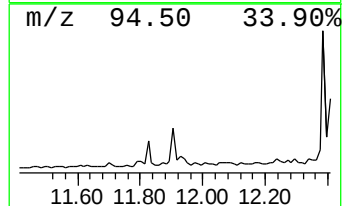
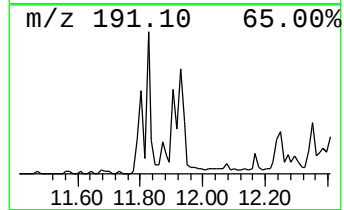
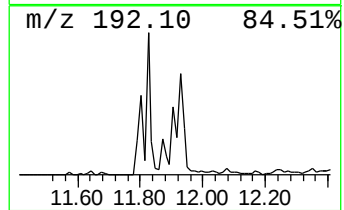
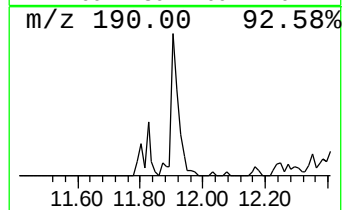
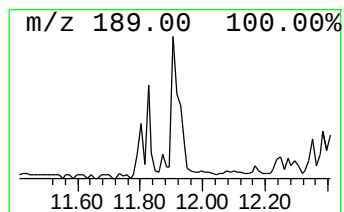
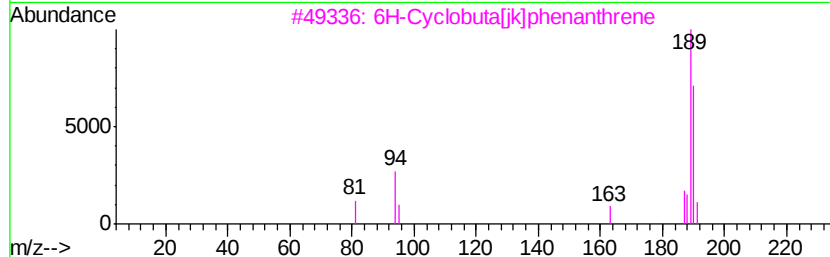
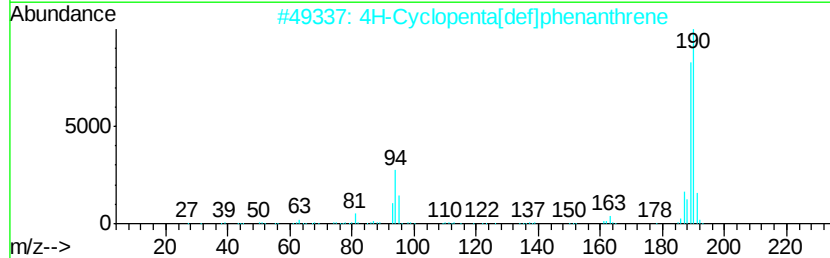
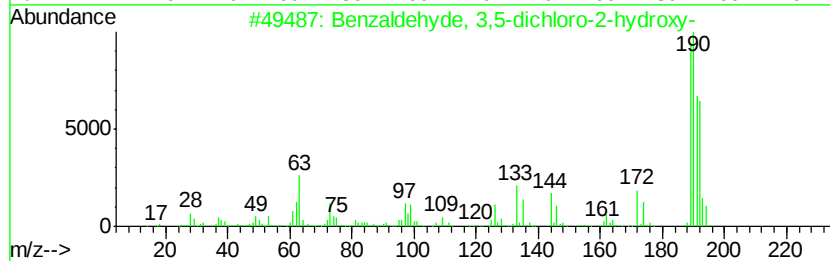
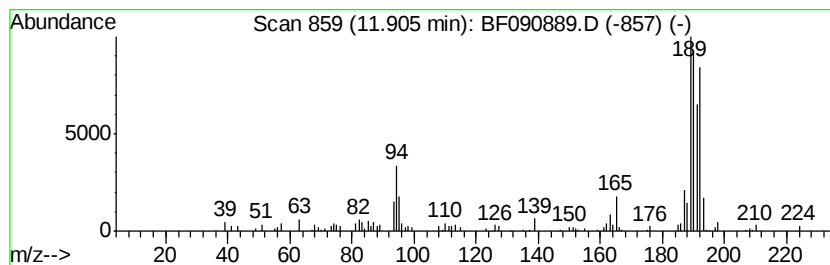
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Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	2.40 ng	151032	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehydve, 3,5-dichloro-2-hvd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	6H-Cyclobuta[f]kphenanthrene	190	C15H10	083469-43-6	49
4	1H-Cyclopropa[f]llphenanthrene,1a,...	192	C15H12	000949-41-7	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30



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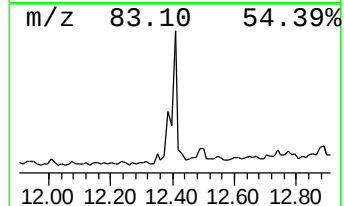
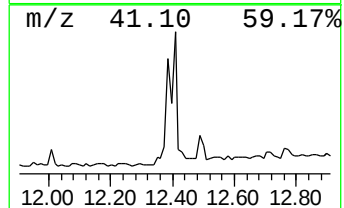
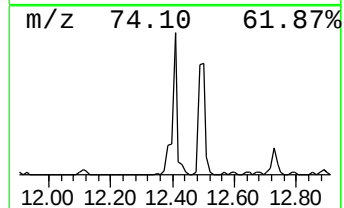
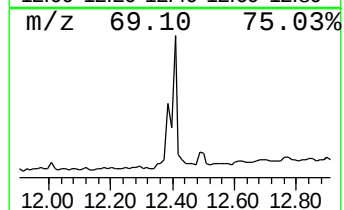
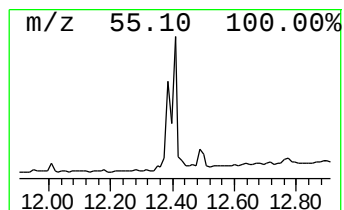
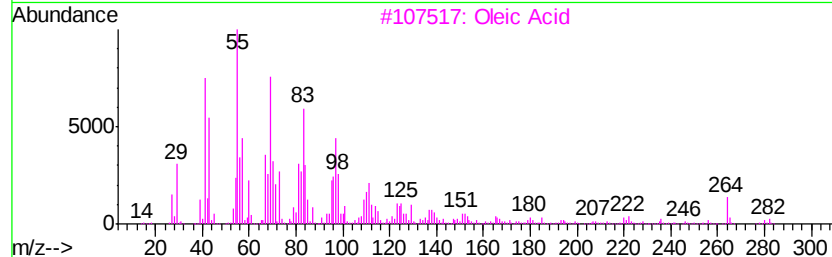
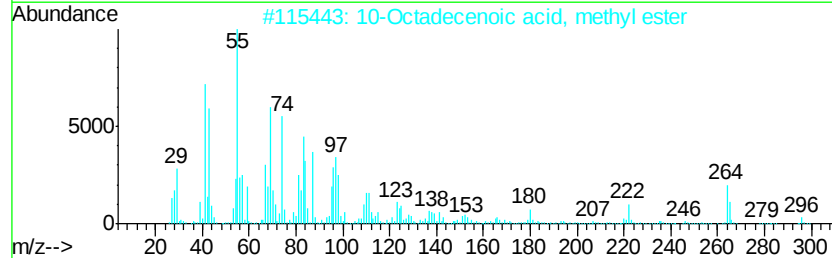
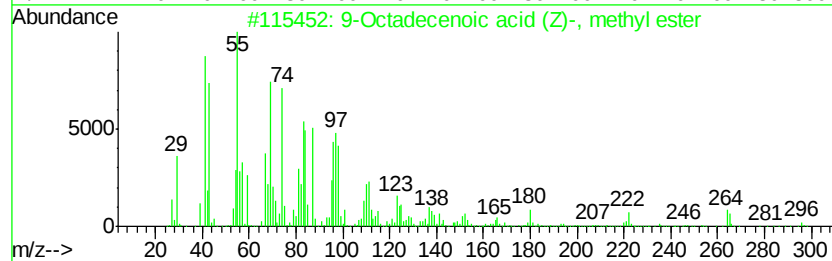
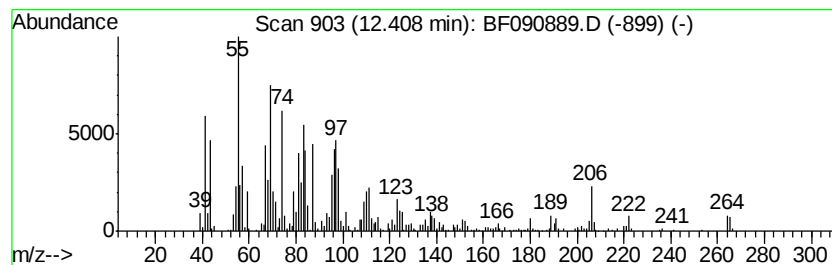
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9-Octadecenoic acid (Z)-, m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	14.83 ng	932982	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
2		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	70
3		Oleic Acid	282	C18H34O2	000112-80-1	58
4		6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	55
5		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090889.D
Acq On : 28 Oct 2016 1:35
Operator : UM/SJ
Sample : H5423-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5COMP(0-16FEET)

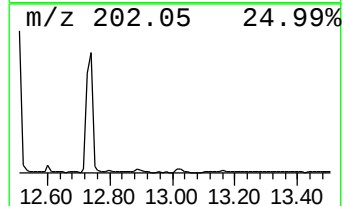
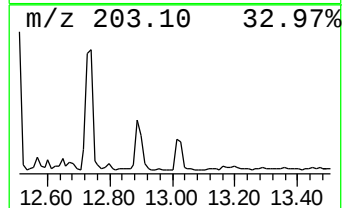
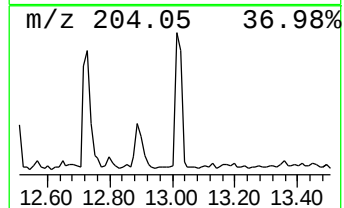
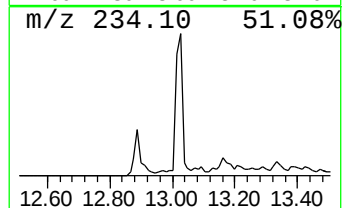
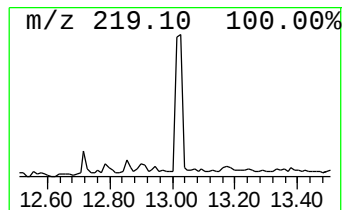
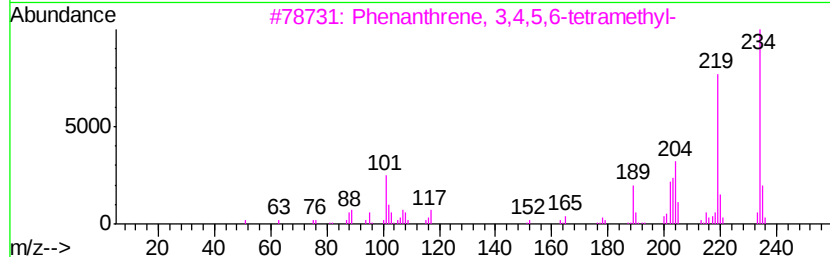
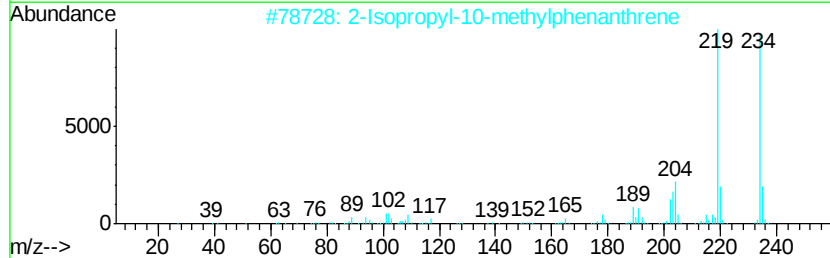
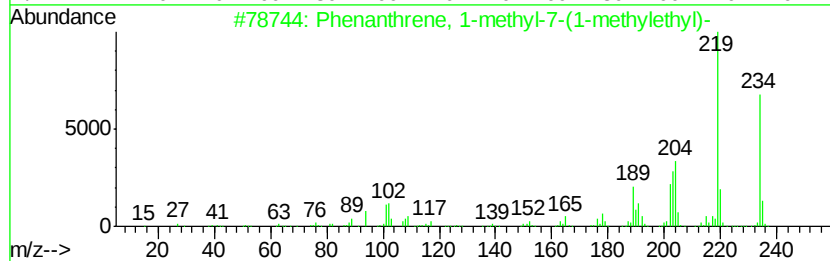
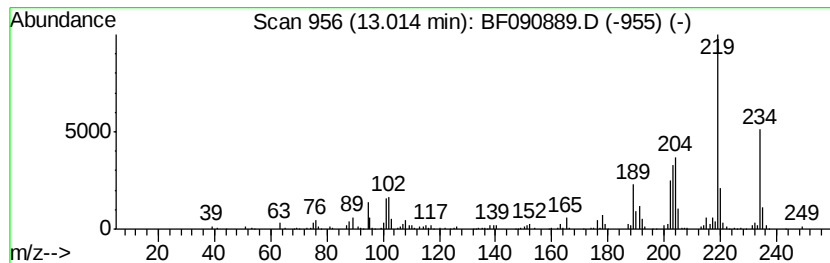
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 1-methyl-7-(1... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	2.14 ng	187562	Chrysene-d12	13.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	99
2			2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
3			Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	53
4			2,3,5,6-Tetrahydrocyclohexanon...	234	C15H22O2	101100-38-3	47
5			3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
Data File : BF090889.D
Acq On : 28 Oct 2016 1:35
Operator : UM/SJ
Sample : H5423-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-5COMP(0-16FEET)

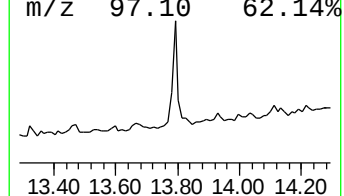
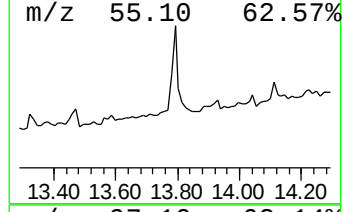
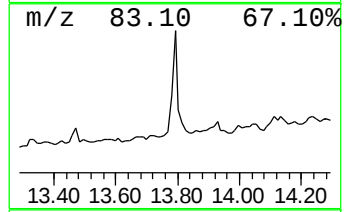
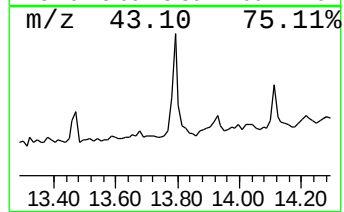
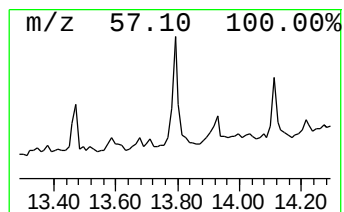
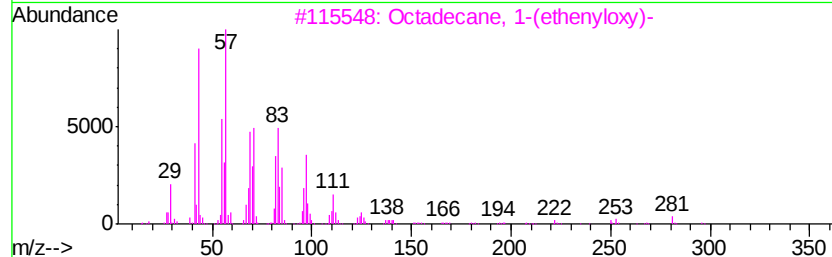
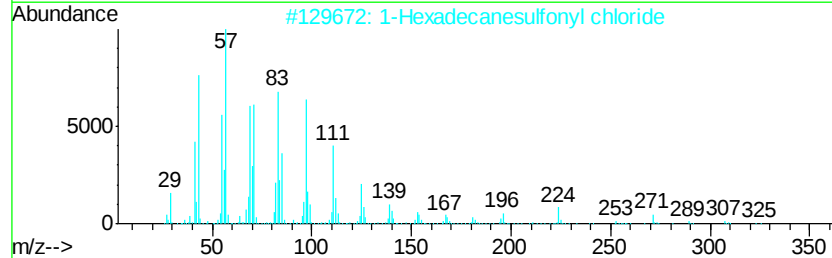
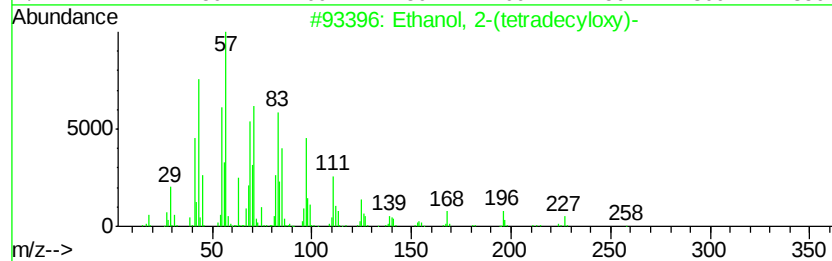
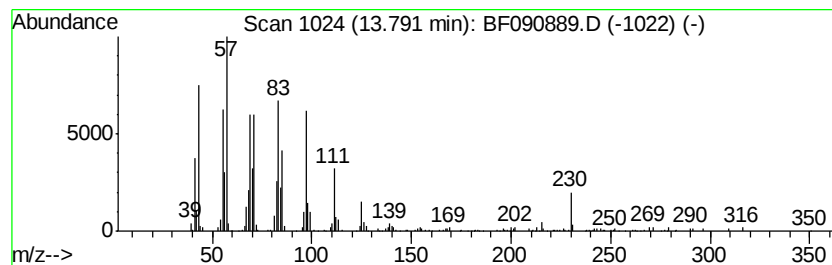
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Ethanol, 2-(tetradecyloxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	3.18 ng	277663	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	86
3		Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	62
4		1-Octadecanol	270	C18H38O	000112-92-5	60
5		1-Nonadecene	266	C19H38	018435-45-5	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
Data File : BF090889.D
Acq On : 28 Oct 2016 1:35
Operator : UM/SJ
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ClientSampleId :
SB-5COMP(0-16FEET)

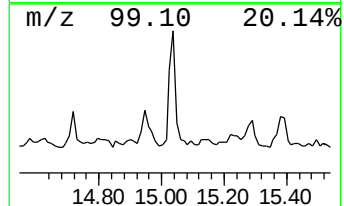
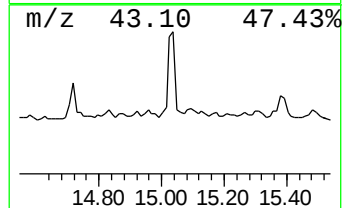
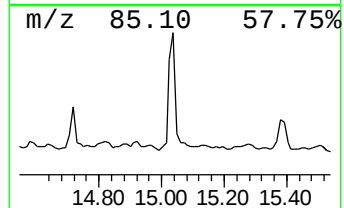
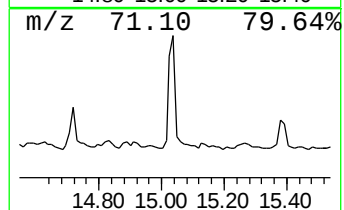
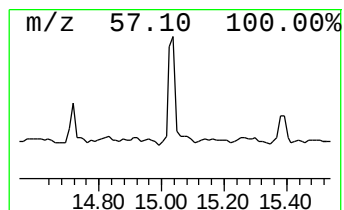
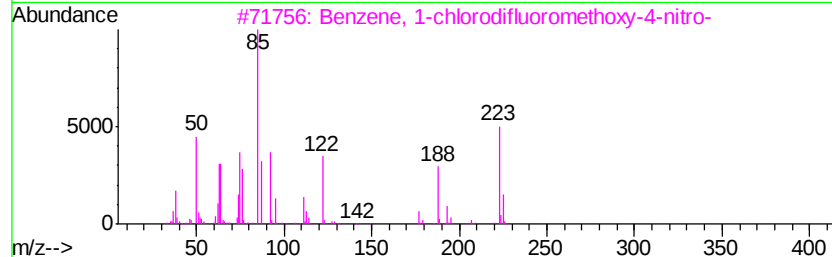
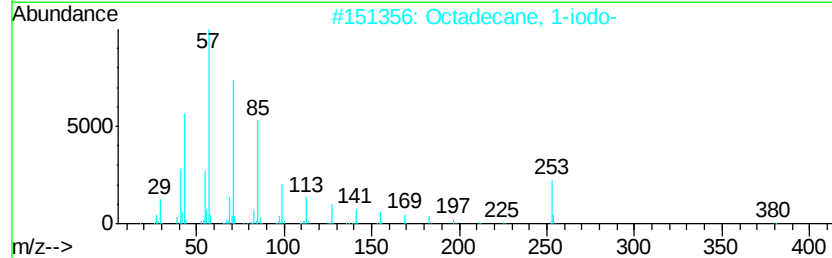
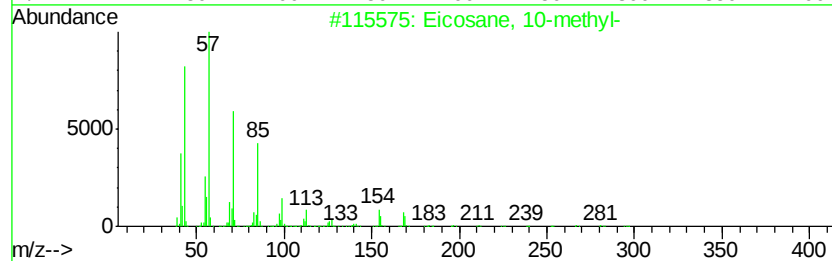
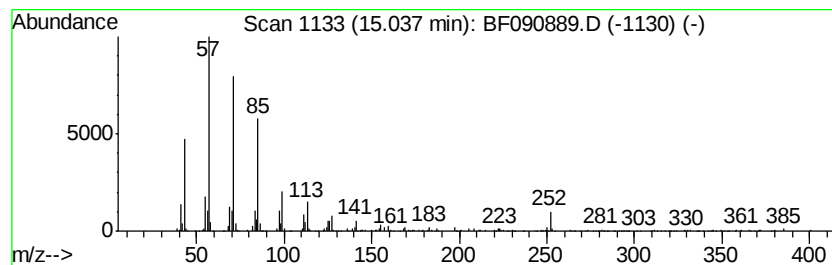
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane, 10-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	7.50 ng	357564	Perylene-d12	15.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
3			Benzene, 1-chlorodifluoromethoxyv...	223	C7H4ClF2N03	040750-71-8	90
4			Heneicosane	296	C21H44	000629-94-7	87
5			Docosane	310	C22H46	000629-97-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
Data File : BF090889.D
Acq On : 28 Oct 2016 1:35
Operator : UM/SJ
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Misc :
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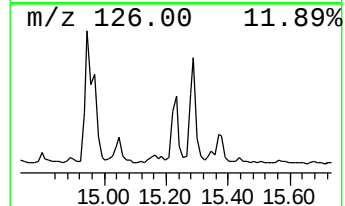
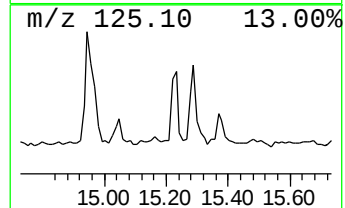
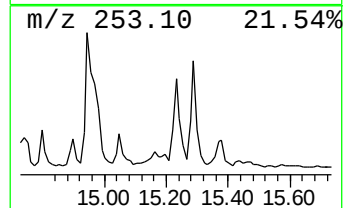
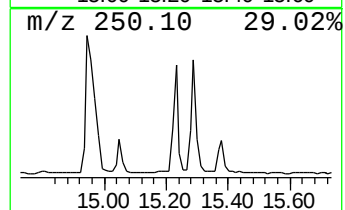
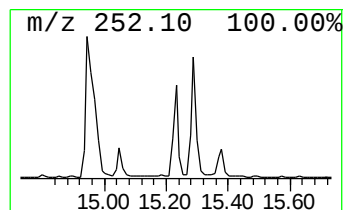
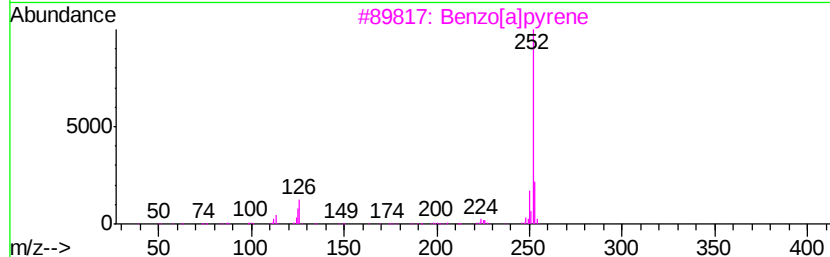
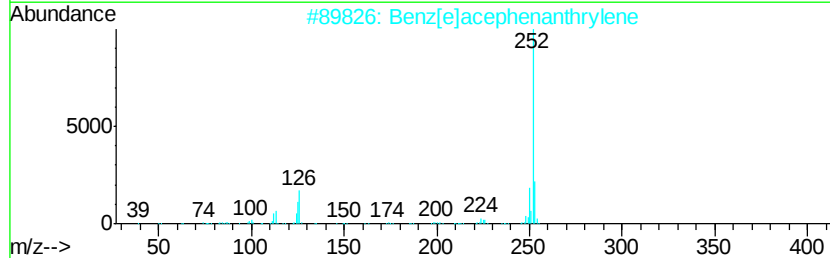
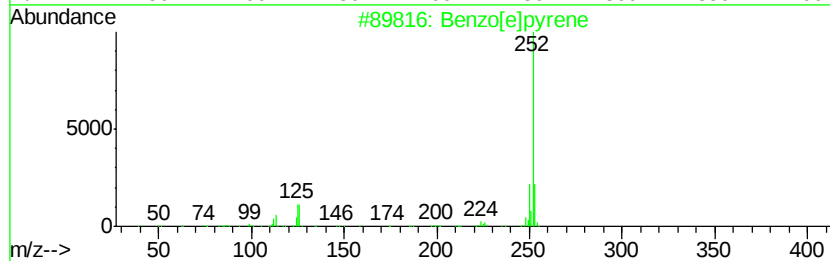
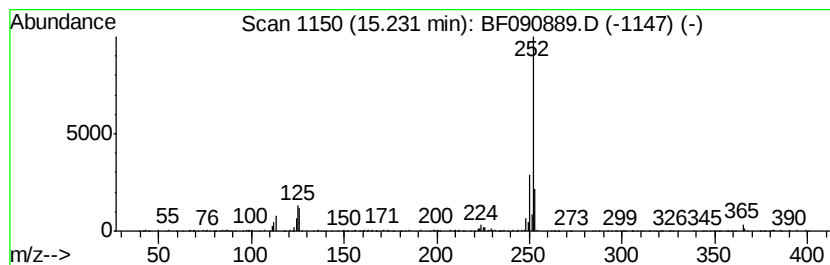
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	5.77 ng	274781	Perylene-d12	15.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	94
2			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
3			Benzo[a]pyrene	252	C20H12	000050-32-8	93
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5			Perylene	252	C20H12	000198-55-0	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090889.D
Acq On : 28 Oct 2016 1:35
Operator : UM/SJ
Sample : H5423-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-5COMP(0-16FEET)

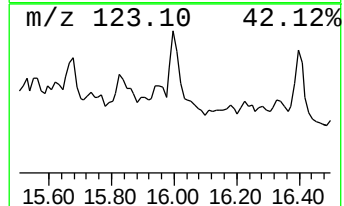
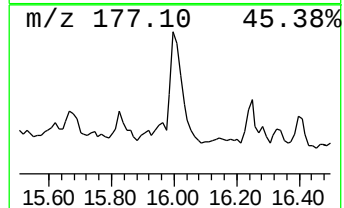
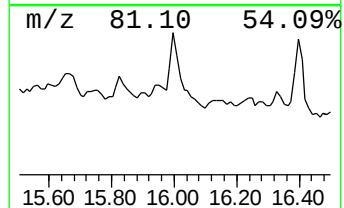
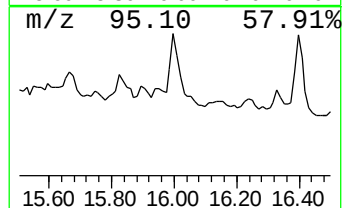
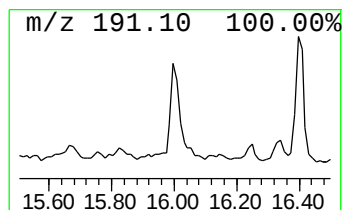
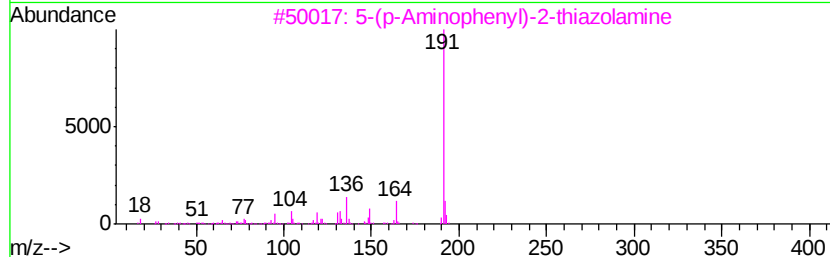
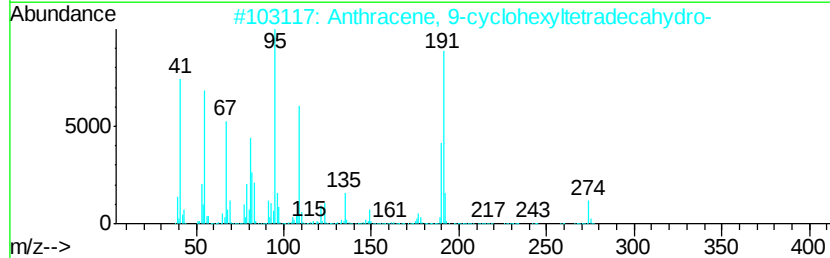
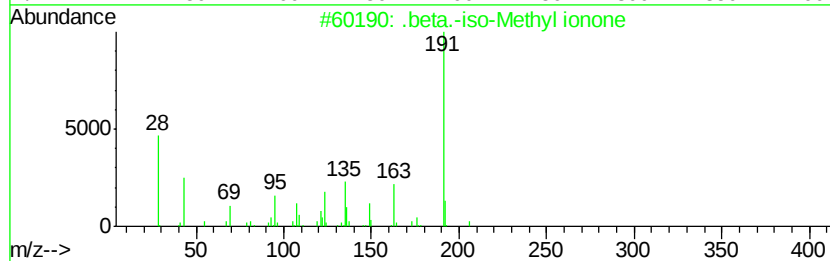
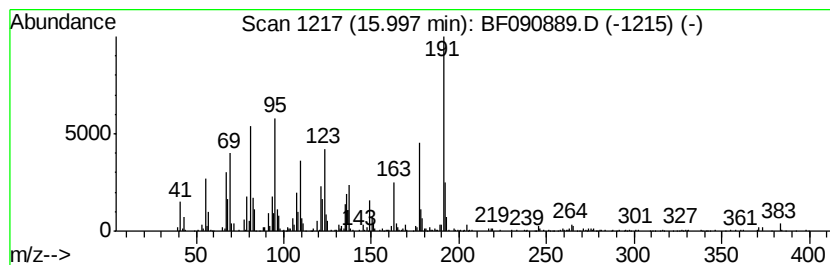
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown16.00 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	12.64 ng	602005	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	40
2		Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	32
3		5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	14
4		1,4-Methanonaphthalene, 6,7-diet...	206	C15H26	016539-02-9	14
5		(-)-Neoclovene-(II), dihydro-	206	C15H26	1000152-83-6	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
Data File : BF090889.D
Acq On : 28 Oct 2016 1:35
Operator : UM/SJ
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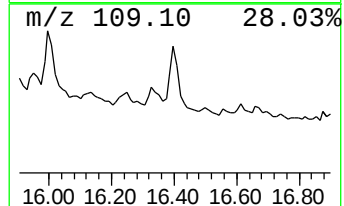
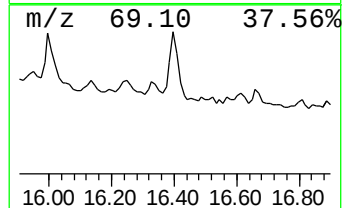
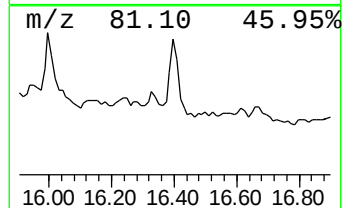
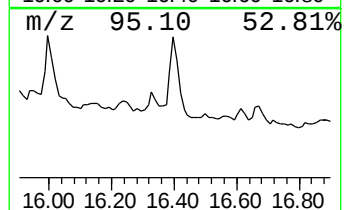
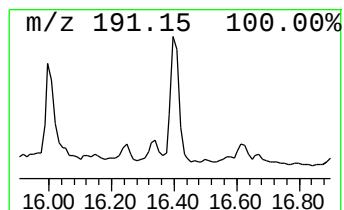
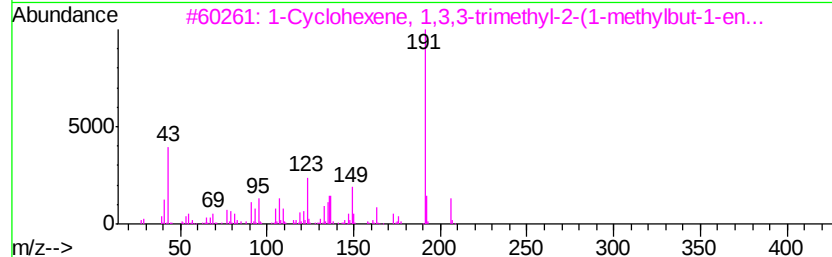
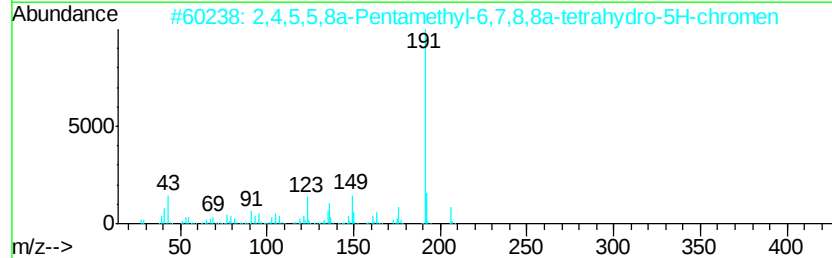
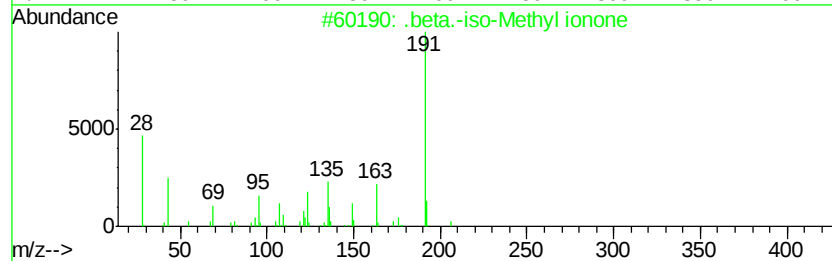
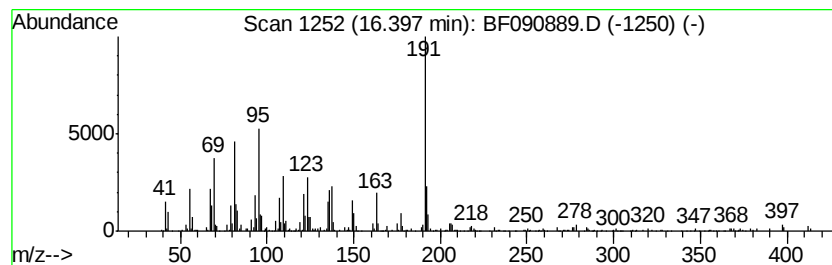
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 .beta.-iso-Methyl ionone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	10.73 ng	511435	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	59
2		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	38
3		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
4		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
5		Isoquinoline, 1,2,3,4-tetrahydro...	283	C18H21NO2	036646-87-4	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
Data File : BF090889.D
Acq On : 28 Oct 2016 1:35
Operator : UM/SJ
Sample : H5423-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5COMP(0-16FEET)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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...	4.93	17.4	ng	619572	1	6.77	713478	20.0
unknown6.54	6.54	88.6	ng	3160340	1	6.77	713478	20.0
Hexadecanoic acid...	11.70	2.3	ng	147343	4	11.30	1258170	20.0
Benzaldehyde, 3,5...	11.91	2.4	ng	151032	4	11.30	1258170	20.0
9-Octadecenoic ac...	12.41	14.8	ng	932982	4	11.30	1258170	20.0
Phenanthrene, 1-m...	13.01	2.1	ng	187562	5	13.94	1748990	20.0
Ethanol, 2-(tetra...	13.79	3.2	ng	277663	5	13.94	1748990	20.0
Eicosane, 10-methyl-	15.04	7.5	ng	357564	6	15.35	952896	20.0
Benzo[e]pyrene	15.23	5.8	ng	274781	6	15.35	952896	20.0
unknown16.00	16.00	12.6	ng	602005	6	15.35	952896	20.0
.beta.-iso-Methyl...	16.40	10.7	ng	511435	6	15.35	952896	20.0