

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091284.D
 Acq On : 23 Nov 2016 19:35
 Operator : UM/SJ
 Sample : H5750-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18A-STOCKPILE

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-BF112316.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	1.755	3	6	9	rBV	3673839	4303026	57.78%	5.152%
2	1.904	17	19	41	rVB	2550810	5081696	68.24%	6.084%
3	2.178	41	43	60	rVB2	92362	254226	3.41%	0.304%
4	5.081	293	297	305	rVB	1530548	2619783	35.18%	3.137%
5	5.481	329	332	335	rBV	4701609	7346367	98.65%	8.796%
6	6.510	418	422	425	rBV	5724475	7447222	100.00%	8.916%
7	6.647	431	434	436	rBV	6199766	6561517	88.11%	7.856%
8	6.876	452	454	457	rBV	1596661	1356531	18.22%	1.624%
9	7.036	465	468	470	rVB	5498588	4942766	66.37%	5.918%
10	7.436	500	503	506	rBV	3027433	4691831	63.00%	5.617%
11	8.167	564	567	569	rBV	1294296	1846960	24.80%	2.211%
12	9.242	658	661	664	rBV	6198744	6580685	88.36%	7.879%
13	9.630	693	695	698	rVB	517863	458385	6.16%	0.549%
14	9.916	717	720	722	rBV	2276648	2032572	27.29%	2.434%
15	10.362	757	759	760	rVB	113519	103813	1.39%	0.124%
16	10.705	786	789	792	rBV	4716728	4929819	66.20%	5.902%
17	10.830	798	800	804	rVB	174895	193377	2.60%	0.232%
18	11.013	812	816	817	rBV3	36975	77341	1.04%	0.093%
19	11.162	824	829	831	rBV5	35629	79786	1.07%	0.096%
20	11.276	835	839	841	rBV2	157286	277127	3.72%	0.332%
21	11.402	847	850	854	rBV2	2246500	2987198	40.11%	3.577%
22	11.471	854	856	858	rVB	224317	196518	2.64%	0.235%
23	11.699	875	876	880	rBV2	77062	164152	2.20%	0.197%
24	11.905	891	894	895	rBV	217708	300123	4.03%	0.359%
25	11.928	895	896	898	rVV2	544580	592249	7.95%	0.709%
26	11.973	898	900	901	rVV	149529	142918	1.92%	0.171%
27	12.008	901	903	908	rVB	414545	670021	9.00%	0.802%
28	12.191	915	919	925	rVB4	111585	247745	3.33%	0.297%
29	12.339	929	932	934	rBV2	73626	114020	1.53%	0.137%
30	12.373	934	935	939	rVB	68162	99481	1.34%	0.119%
31	12.453	939	942	943	rBV	179315	217534	2.92%	0.260%
32	12.488	943	945	948	rBV2	85124	131576	1.77%	0.158%
33	12.534	948	949	951	rVB2	85938	94191	1.26%	0.113%
34	12.602	954	955	958	rBV	560257	737835	9.91%	0.883%

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35	12.716	963	965	968	rBV2	171198	261567	3.51%	0.313%
36	12.831	973	975	978	rVV	846844	1165724	15.65%	1.396%
37	12.899	979	981	983	rVB2	61573	83485	1.12%	0.100%
38	12.991	986	989	991	rVV	6201503	6064130	81.43%	7.260%
39	13.059	991	995	998	rVB	111458	149335	2.01%	0.179%
40	13.162	1001	1004	1006	rVB	186619	312064	4.19%	0.374%
41	13.231	1008	1010	1012	rVV	167730	146903	1.97%	0.176%
42	13.265	1012	1013	1015	rVV	187827	202970	2.73%	0.243%
43	13.356	1019	1021	1023	rVV	135612	147823	1.98%	0.177%
44	13.391	1023	1024	1026	rVB	152721	113542	1.52%	0.136%
45	13.562	1038	1039	1045	rVB3	36873	97128	1.30%	0.116%
46	13.665	1045	1048	1051	rVB2	91947	142902	1.92%	0.171%
47	13.779	1056	1058	1059	rBV2	97223	137607	1.85%	0.165%
48	13.836	1059	1063	1065	rVV3	111601	242293	3.25%	0.290%
49	13.882	1065	1067	1072	rVB3	293260	391739	5.26%	0.469%
50	14.031	1077	1080	1086	rVB2	1865584	2438300	32.74%	2.919%
51	14.419	1109	1114	1115	rBV	129416	226613	3.04%	0.271%
52	14.454	1115	1117	1118	rVB	78108	79920	1.07%	0.096%
53	14.511	1118	1122	1123	rBV3	55231	115109	1.55%	0.138%
54	14.797	1145	1147	1153	rBV2	239264	366345	4.92%	0.439%
55	15.048	1166	1169	1177	rBV	230367	553231	7.43%	0.662%
56	15.345	1193	1195	1198	rBV	180661	210931	2.83%	0.253%
57	15.402	1198	1200	1203	rVB	178787	222441	2.99%	0.266%
58	15.471	1203	1206	1209	rBV	1072524	1360128	18.26%	1.628%
59	16.008	1251	1253	1258	rVB6	33574	77736	1.04%	0.093%
60	16.705	1311	1314	1321	rVB3	26997	79600	1.07%	0.095%
61	16.877	1326	1329	1333	rVV2	62356	129512	1.74%	0.155%
62	17.300	1362	1366	1369	rVB	62034	123041	1.65%	0.147%

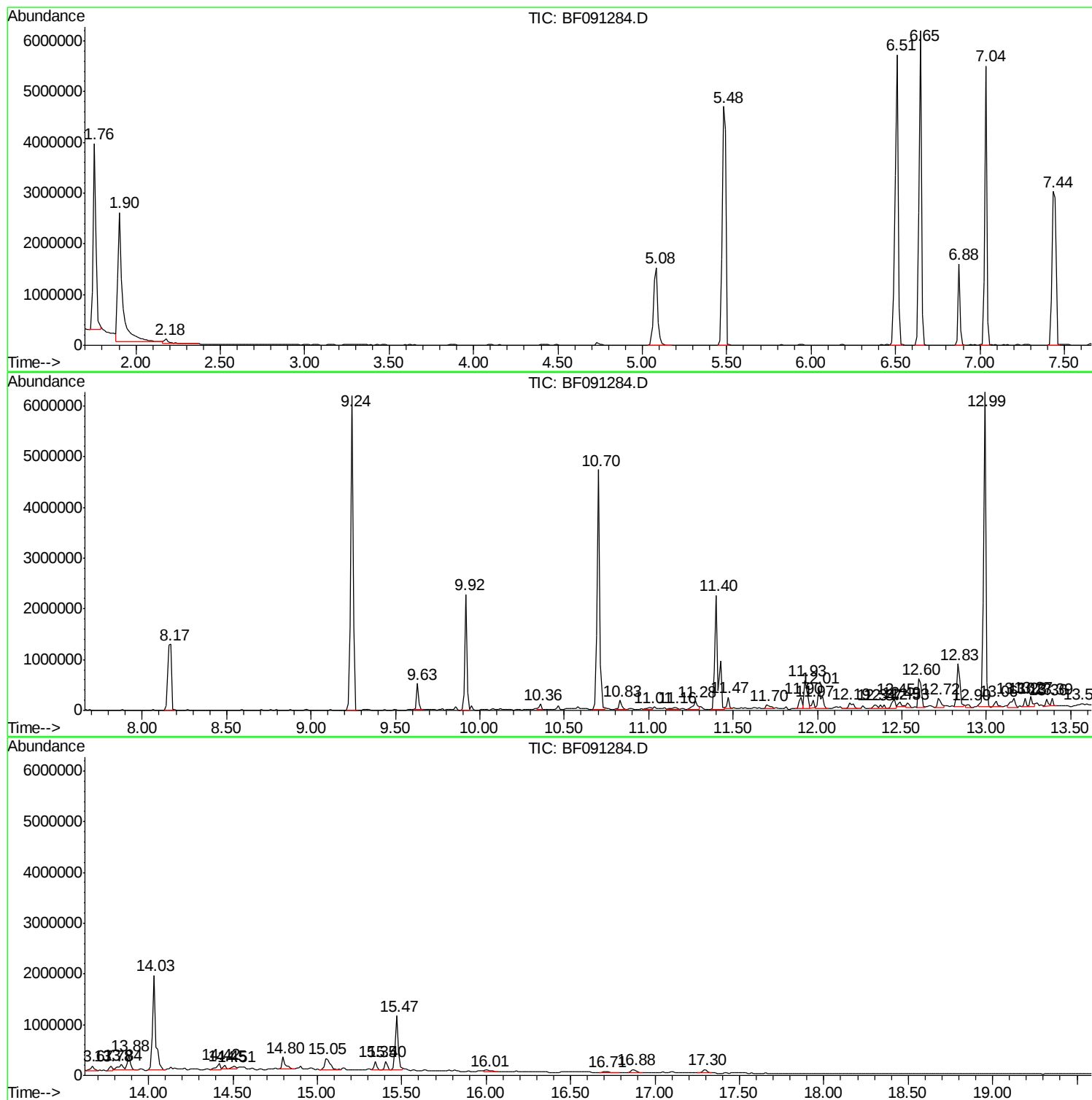
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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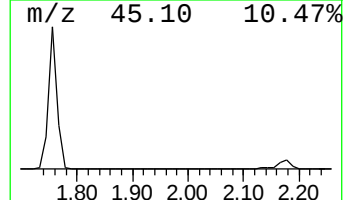
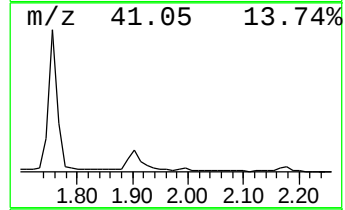
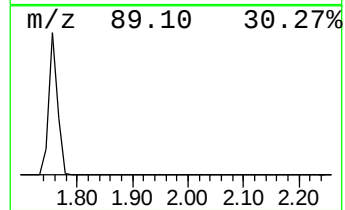
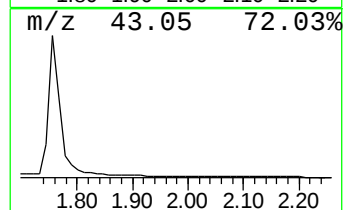
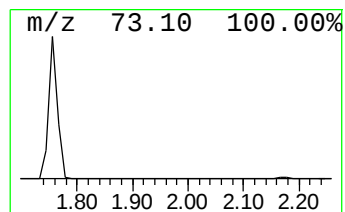
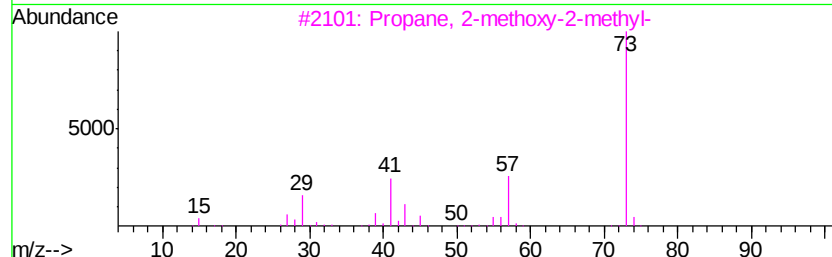
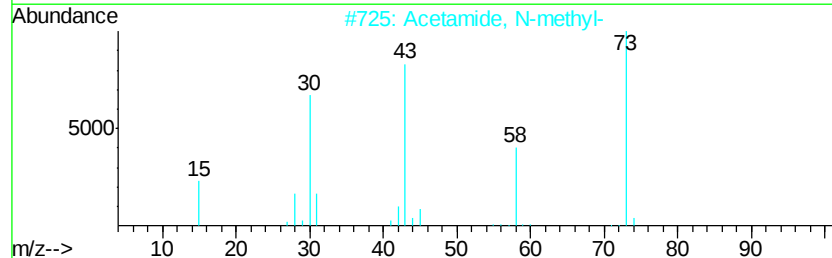
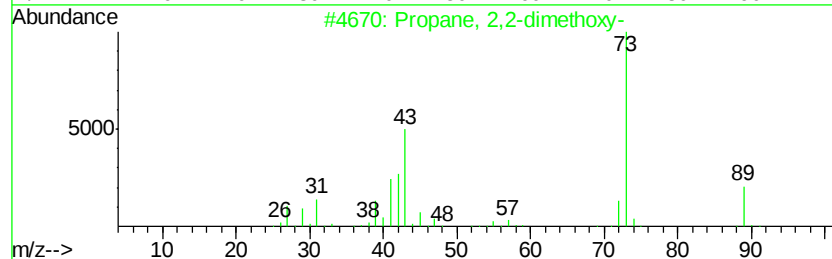
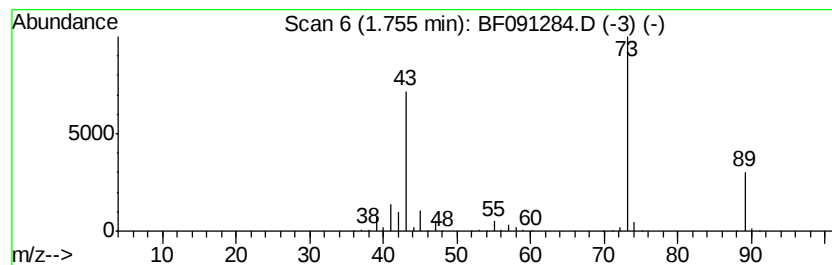
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown1.76 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.76	63.44 ng	4303030	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	45
2		Acetamide, N-methyl-	73	C3H7NO	000079-16-3	43
3		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	23
4		Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	17
5		2,2'-Bi-1,3-dioxolane	146	C6H10O4	006705-89-1	9



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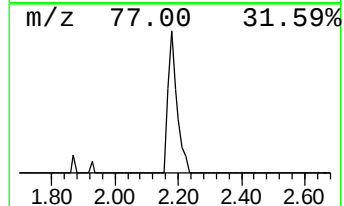
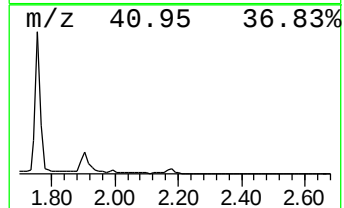
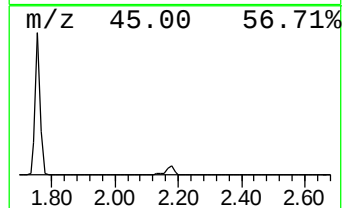
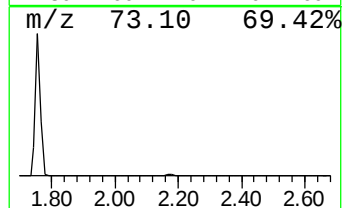
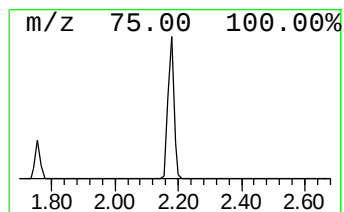
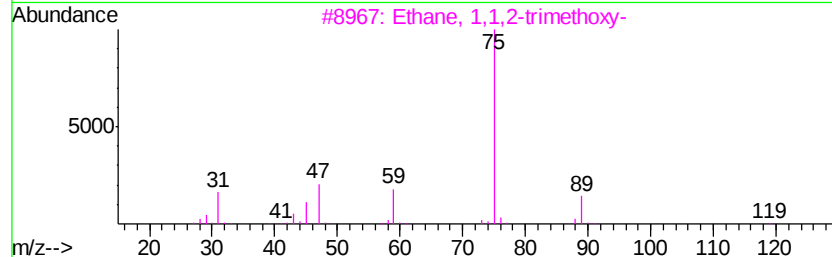
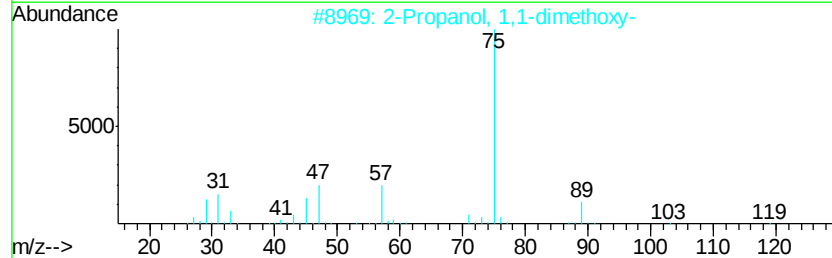
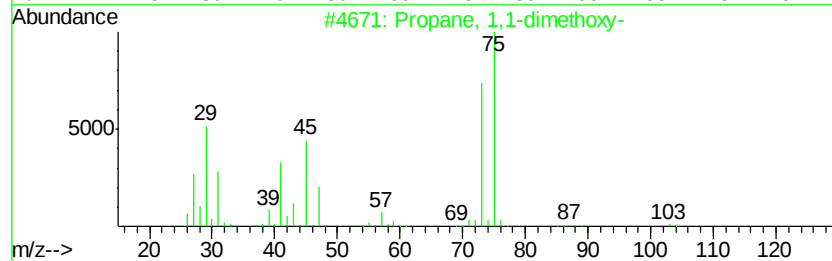
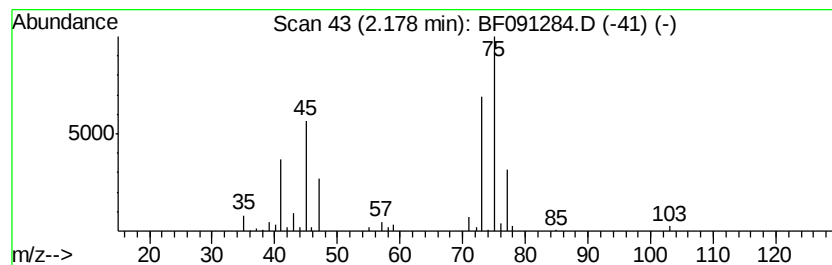
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Propane, 1,1-dimethoxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	3.75 ng	254226	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	56
2		2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	50
3		Ethane, 1,1,2-trimethoxy-	120	C5H12O3	024332-20-5	28
4		Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	28
5		Acetic acid, dimethoxy-, methyl ...	134	C5H10O4	000089-91-8	28



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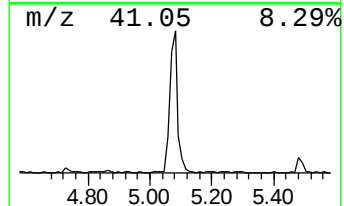
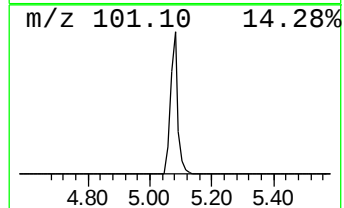
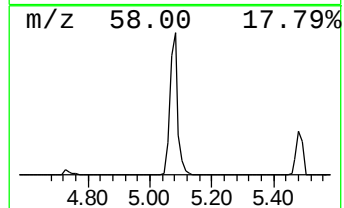
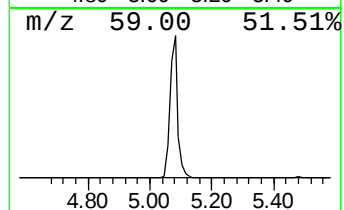
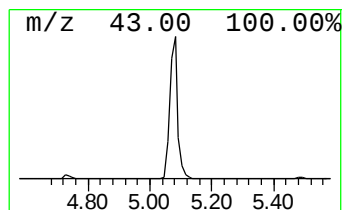
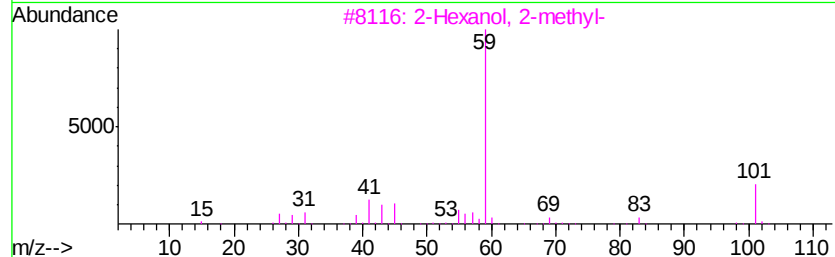
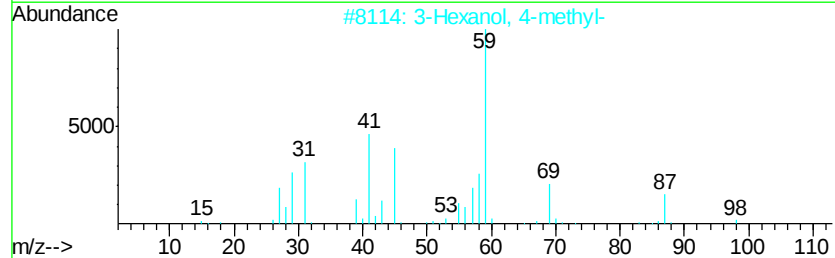
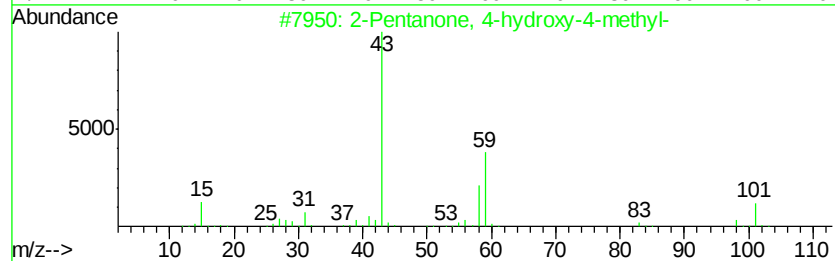
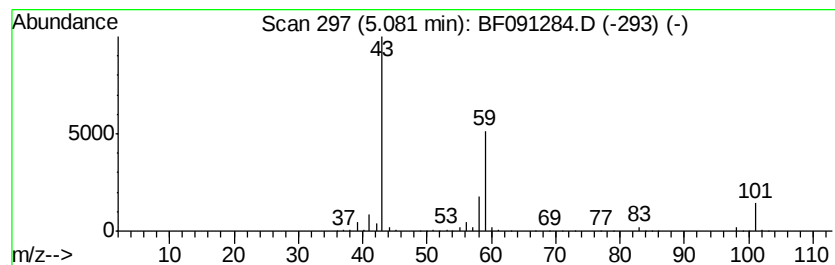
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	38.62 ng	2619780	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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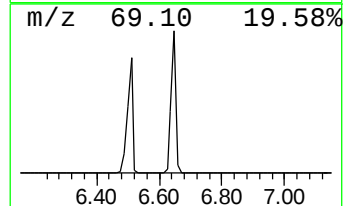
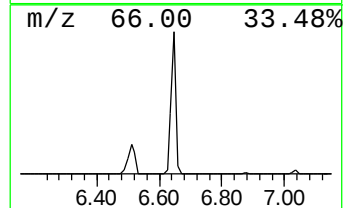
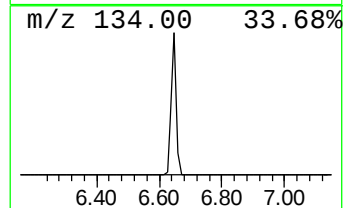
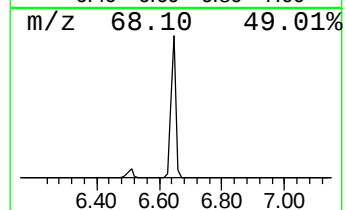
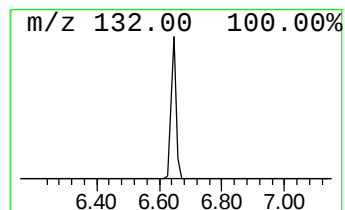
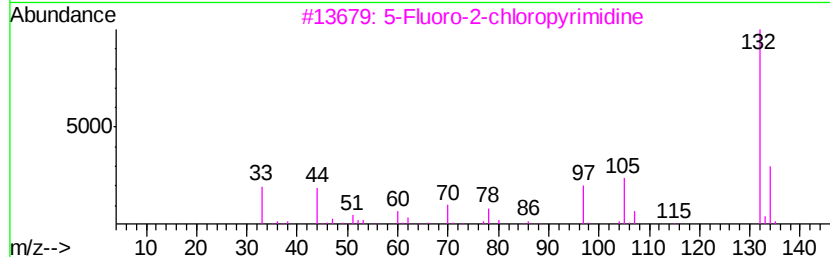
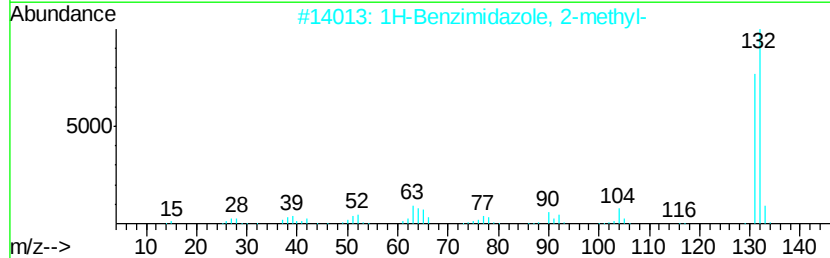
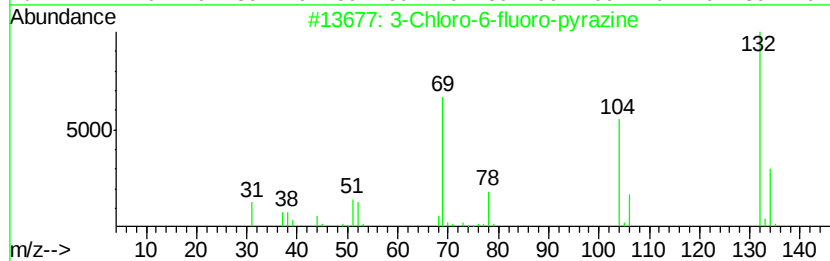
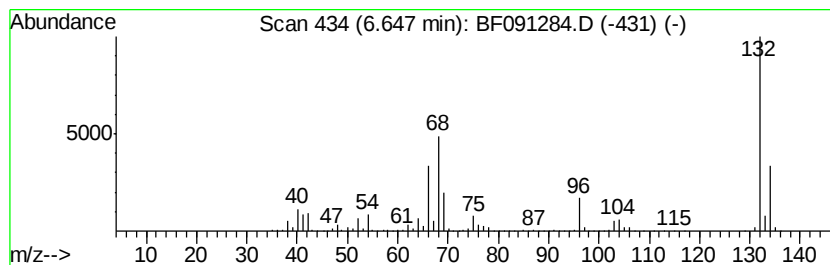
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	96.74 ng	6561520	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22	
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16	
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10	
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9	



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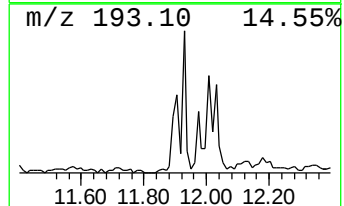
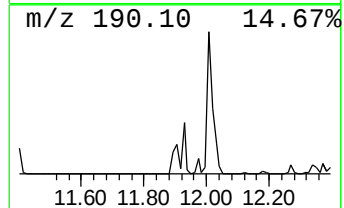
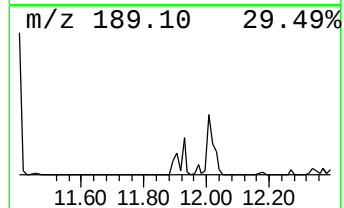
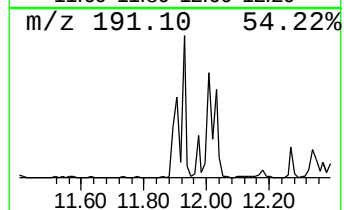
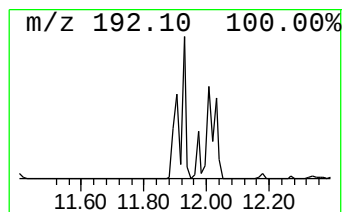
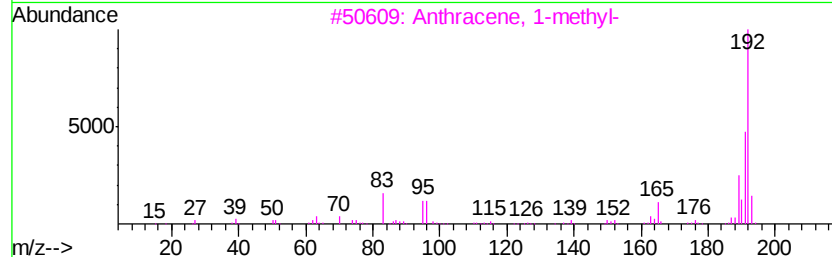
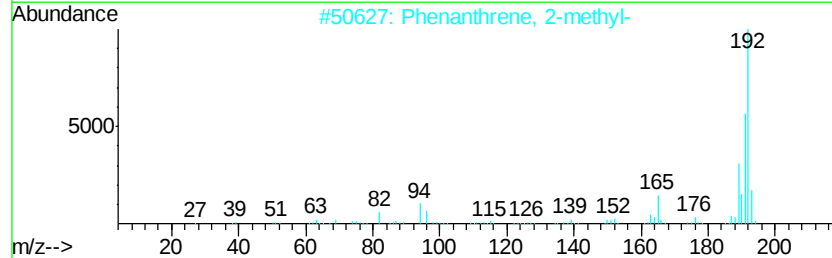
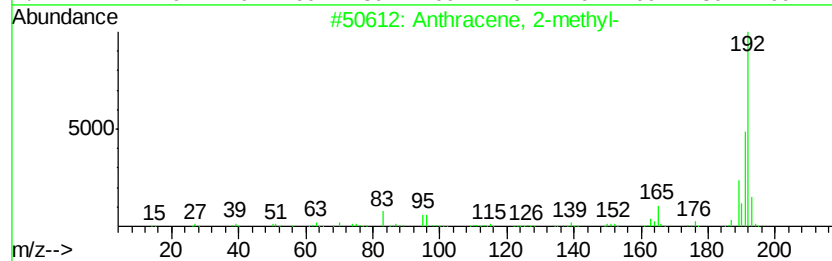
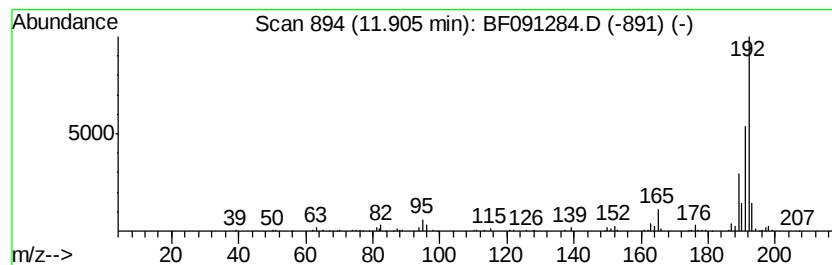
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.90	2.01 ng	300123	Phenanthrene-d10		11.40
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091284.D
Acq On : 23 Nov 2016 19:35
Operator : UM/SJ
Sample : H5750-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

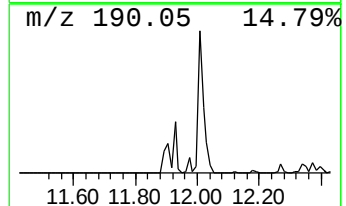
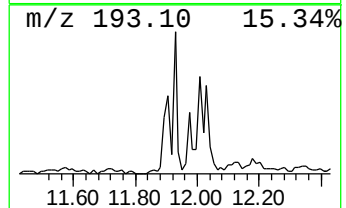
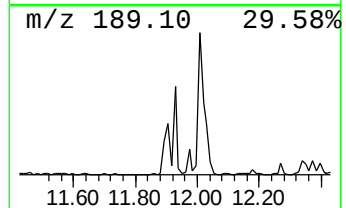
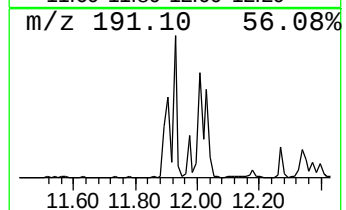
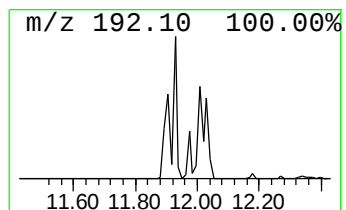
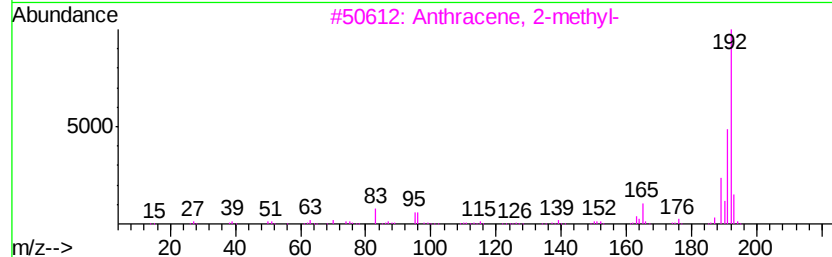
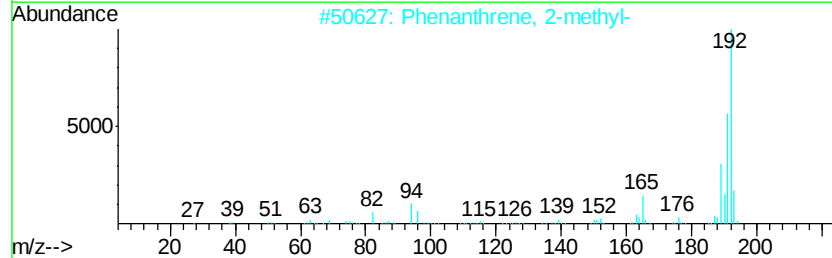
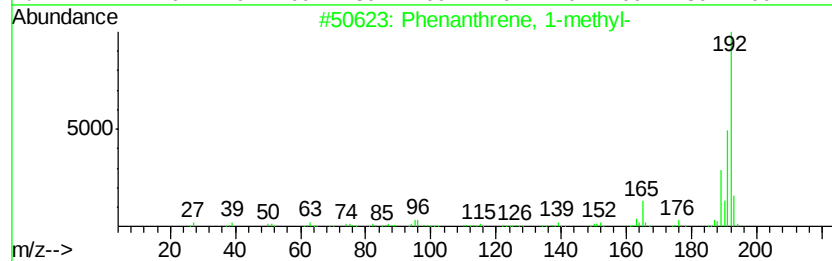
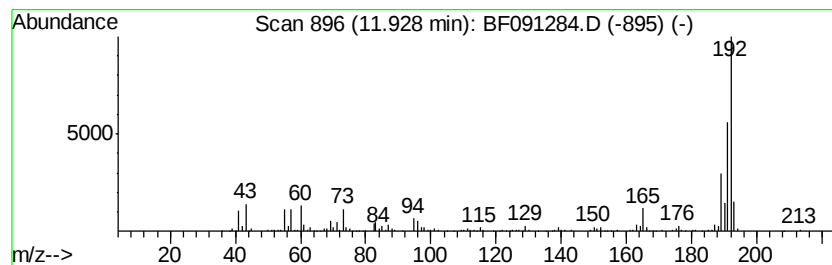
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.93	3.97 ng	592249	Phenanthrene-d10		11.40	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97	
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96	
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96	
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94	
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091284.D
Acq On : 23 Nov 2016 19:35
Operator : UM/SJ
Sample : H5750-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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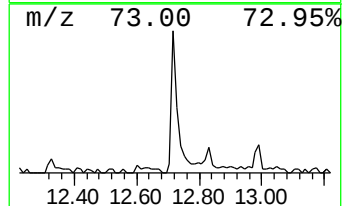
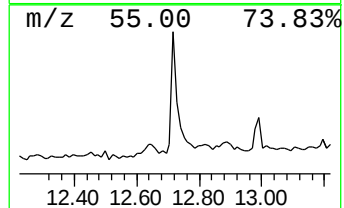
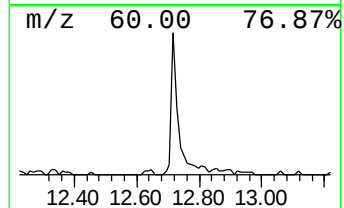
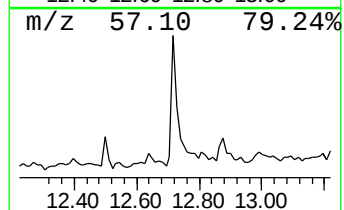
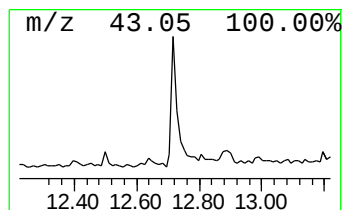
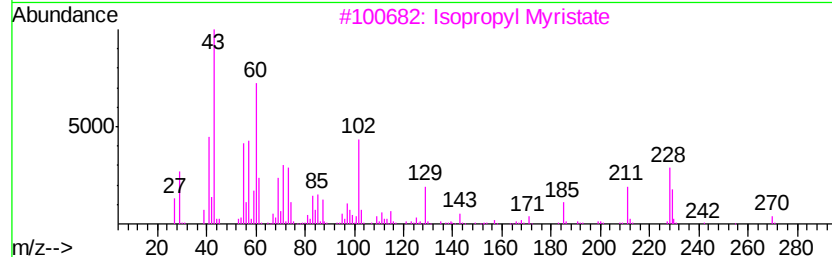
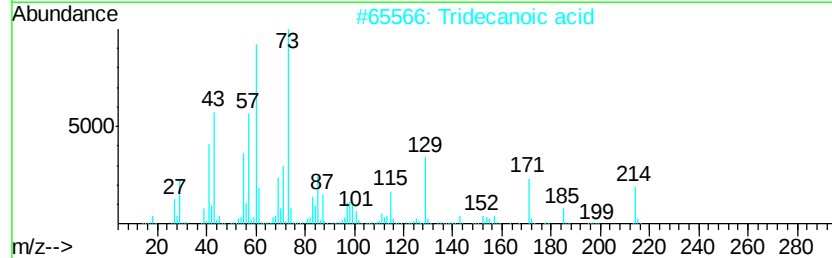
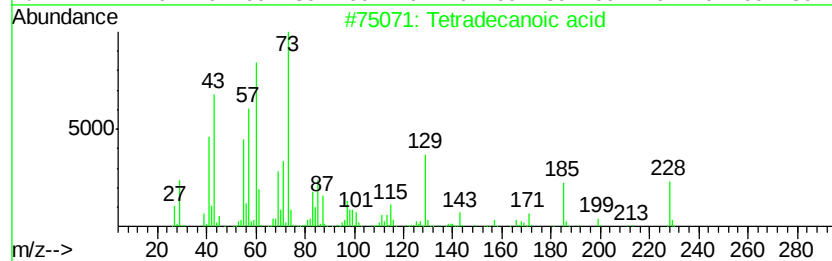
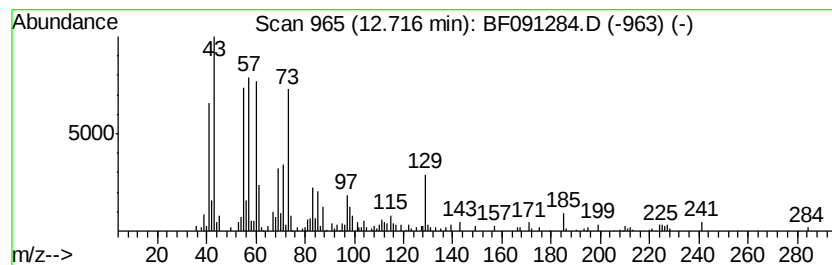
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetradecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	2.15 ng	261567	Chrysene-d12	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
2		Tridecanoic acid	214	C13H26O2	000638-53-9	72
3		Isopropyl Myristate	270	C17H34O2	000110-27-0	64
4		Dodecanoic acid	200	C12H24O2	000143-07-7	59
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091284.D
Acq On : 23 Nov 2016 19:35
Operator : UM/SJ
Sample : H5750-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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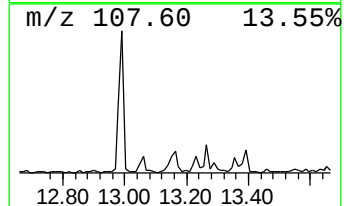
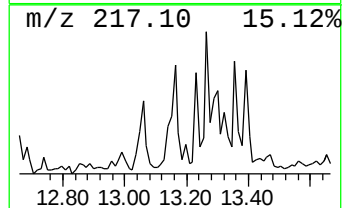
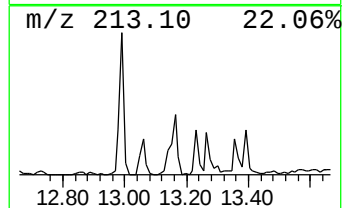
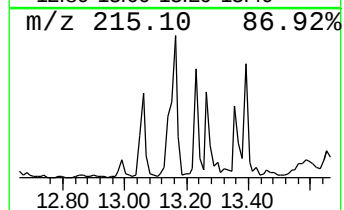
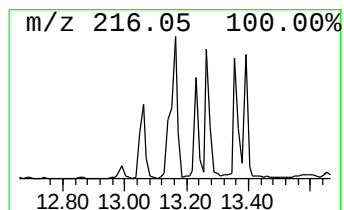
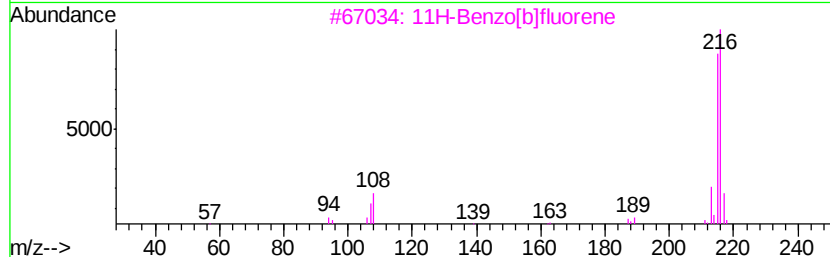
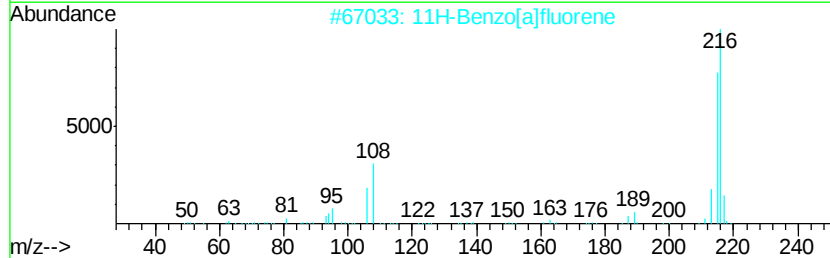
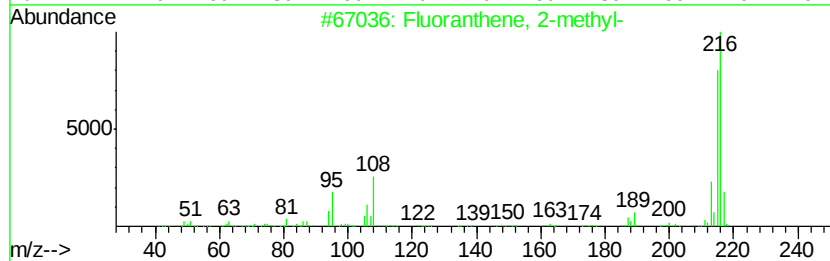
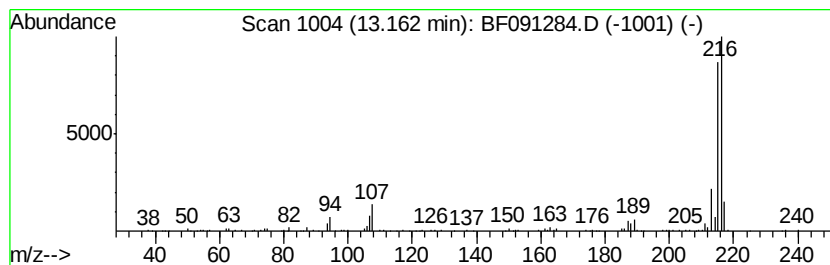
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.56 ng	312064	Chrysene-d12	14.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091284.D
Acq On : 23 Nov 2016 19:35
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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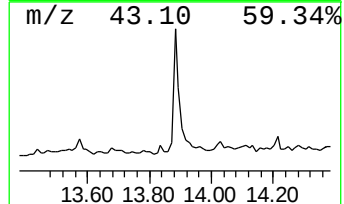
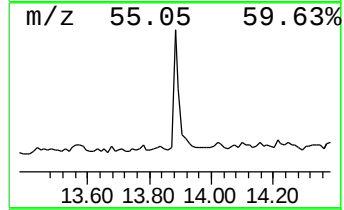
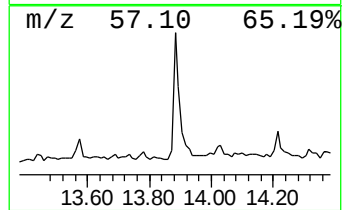
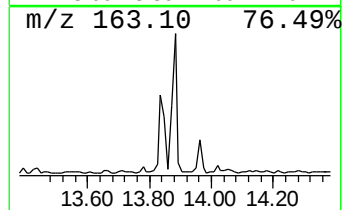
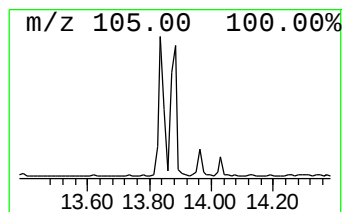
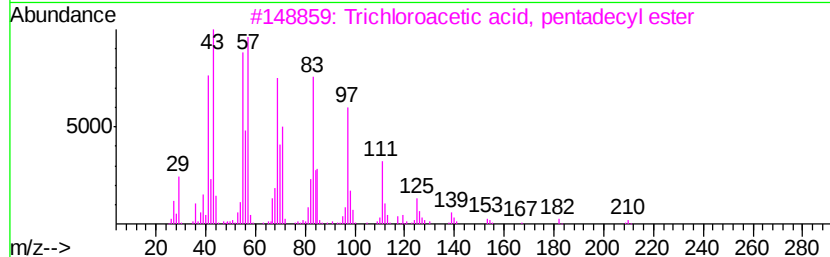
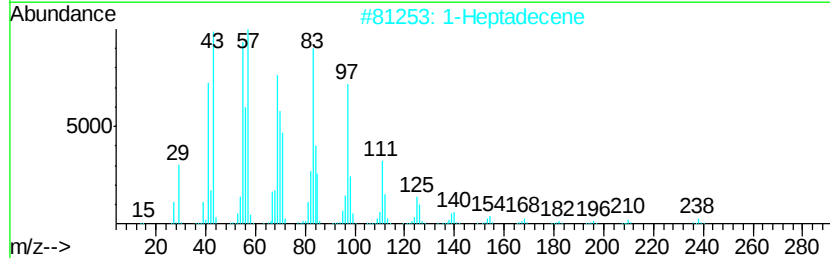
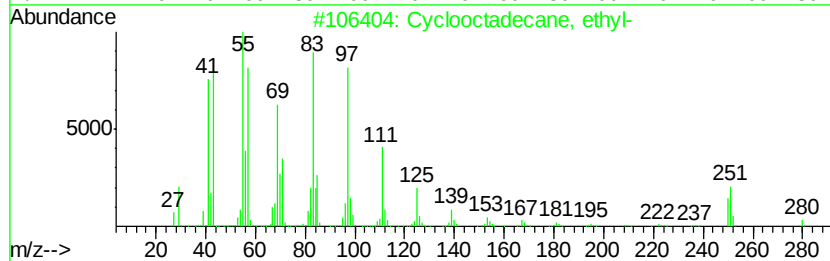
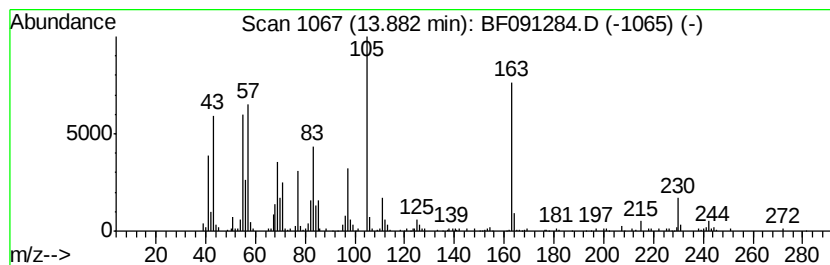
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown13.88 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	3.21 ng	391739	Chrysene-d12	14.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	38
2			1-Heptadecene	238	C17H34	006765-39-5	30
3			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	30
4			Cyclohexadecane	224	C16H32	000295-65-8	25
5			Chloroacetic acid, 4-tetradecyl ...	290	C16H31ClO2	1000280-08-6	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091284.D
Acq On : 23 Nov 2016 19:35
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ALS Vial : 7 Sample Multiplier: 1

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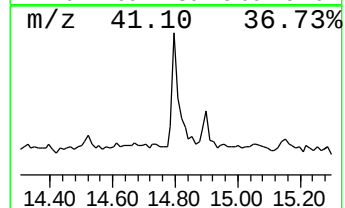
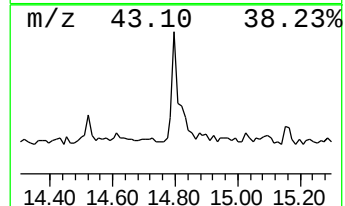
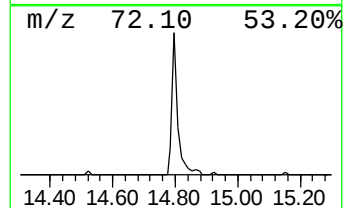
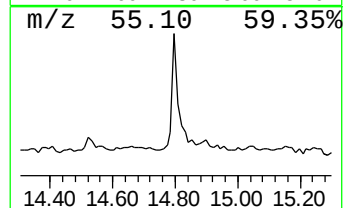
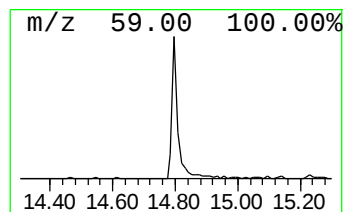
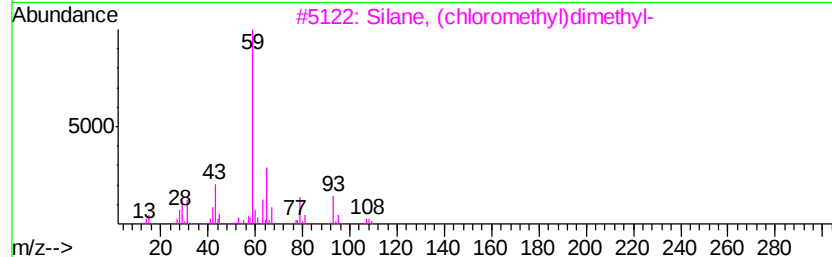
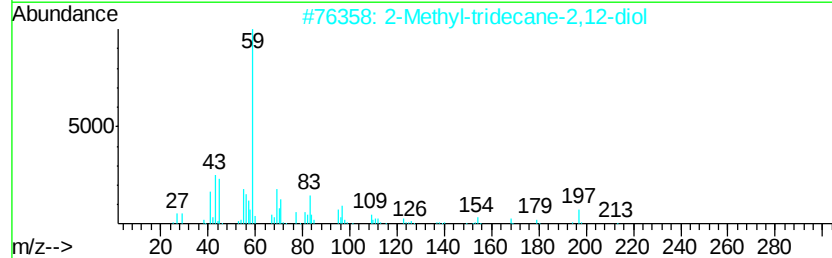
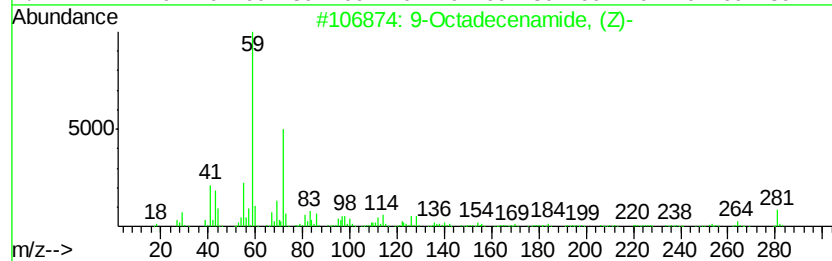
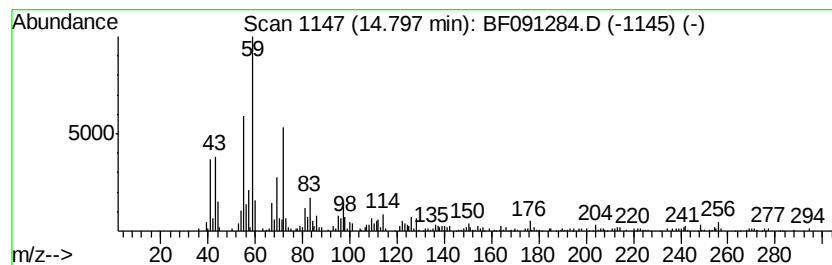
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	5.39 ng	366345	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80
2		2-Methyl-tridecane-2,12-diol	230	C14H30O2	1000187-03-5	43
3		Silane, (chloromethyl)dimethyl-	108	C3H9ClSi	003144-74-9	43
4		2-Methyl-2-decanol	172	C11H24O	003396-02-9	43
5		Decanamide-	171	C10H21NO	002319-29-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
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Acq On : 23 Nov 2016 19:35
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ALS Vial : 7 Sample Multiplier: 1

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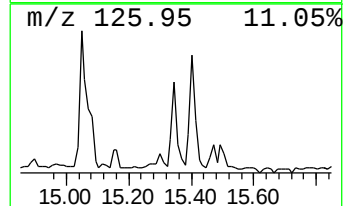
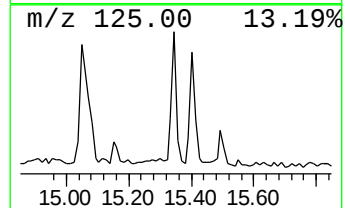
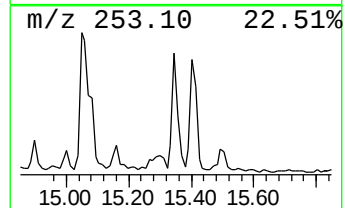
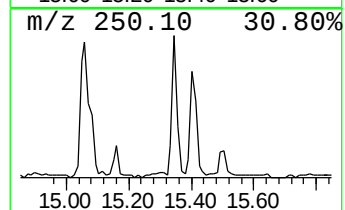
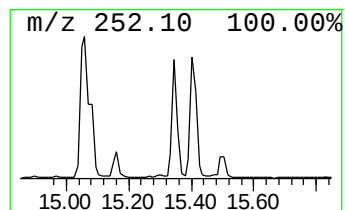
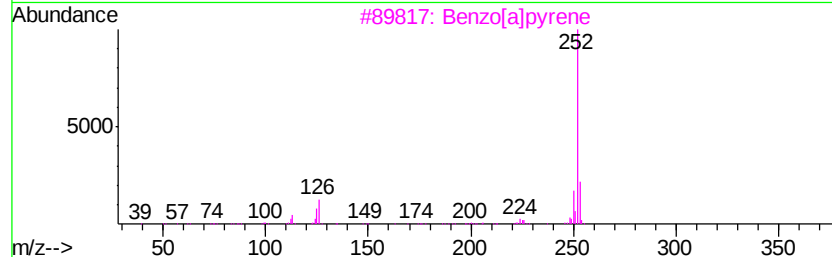
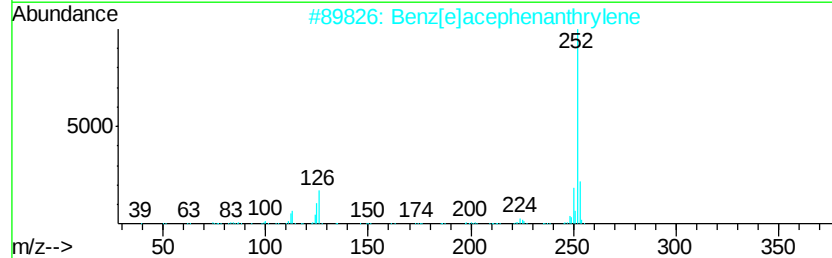
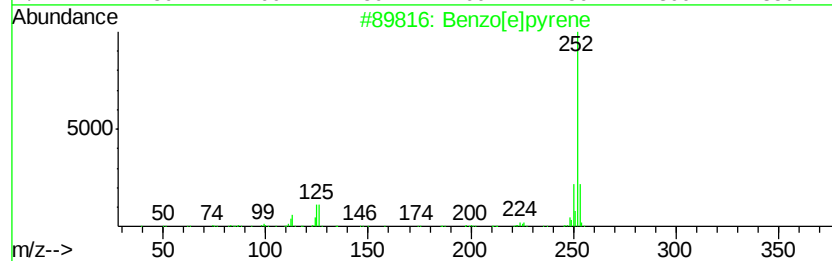
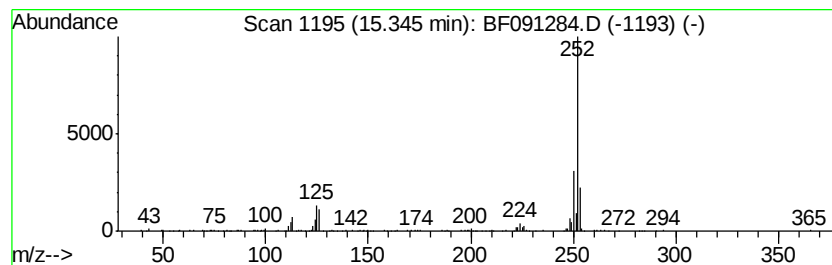
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	3.10 ng	210931	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3		Benzo[a]pyrene	252	C20H12	000050-32-8	91
4		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5		Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091284.D
Acq On : 23 Nov 2016 19:35
Operator : UM/SJ
Sample : H5750-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18A-STOCKPILE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.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
unknown1.76	1.76	63.4	ng	4303030	1	6.88	1356530	20.0
Propane, 1,1-dime...	2.18	3.8	ng	254226	1	6.88	1356530	20.0
2-Pentanone, 4-hy...	5.08	38.6	ng	2619780	1	6.88	1356530	20.0
unknown6.65	6.65	96.7	ng	6561520	1	6.88	1356530	20.0
Anthracene, 2-met...	11.90	2.0	ng	300123	4	11.40	2987200	20.0
Phenanthrene, 1-m...	11.93	4.0	ng	592249	4	11.40	2987200	20.0
Tetradecanoic acid	12.72	2.1	ng	261567	5	14.03	2438300	20.0
Fluoranthene, 2-m...	13.16	2.6	ng	312064	5	14.03	2438300	20.0
unknown13.88	13.88	3.2	ng	391739	5	14.03	2438300	20.0
9-Octadecenamide, ...	14.80	5.4	ng	366345	6	15.47	1360130	20.0
Benzo[e]pyrene	15.35	3.1	ng	210931	6	15.47	1360130	20.0