

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
 Data File : BF087755.D
 Acq On : 6 Jun 2016 16:44
 Operator : UM/SJ
 Sample : H3267-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1261+50(0-4)

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-BF060416.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	1.724	8	12	14	rVB	4309062	7387774	100.00%	12.120%
2	1.770	14	16	25	rVV	171558	343741	4.65%	0.564%
3	1.896	25	27	44	rVB	1220445	1925376	26.06%	3.159%
4	2.124	44	47	56	rVB	103543	196415	2.66%	0.322%
5	5.039	300	302	310	rVB	390813	651745	8.82%	1.069%
6	5.462	335	339	341	rVB	2179787	3393630	45.94%	5.567%
7	6.490	425	429	431	rBV	2565230	3124257	42.29%	5.126%
8	6.616	437	440	443	rBV	2313903	3494736	47.30%	5.733%
9	6.845	458	460	463	rBV	549851	758116	10.26%	1.244%
10	7.005	472	474	477	rVB	2156093	2566048	34.73%	4.210%
11	7.416	507	510	512	rBV	1808484	1948751	26.38%	3.197%
12	8.136	570	573	575	rBV	1212057	1097888	14.86%	1.801%
13	9.211	664	667	670	rVB	2437418	3600257	48.73%	5.906%
14	9.611	700	702	704	rBV	441926	444614	6.02%	0.729%
15	9.748	712	714	716	rBV	381138	311345	4.21%	0.511%
16	9.885	724	726	728	rBV2	964943	1010617	13.68%	1.658%
17	10.331	759	765	767	rBV4	79917	149913	2.03%	0.246%
18	10.548	781	784	786	rBV2	69971	96468	1.31%	0.158%
19	10.674	792	795	797	rVB	1704394	1831349	24.79%	3.004%
20	10.799	802	806	810	rBV2	184433	295867	4.00%	0.485%
21	11.371	854	856	857	rBV	1064602	945733	12.80%	1.552%
22	11.439	860	862	864	rVV	259186	262660	3.56%	0.431%
23	11.599	873	876	877	rBV	131368	151317	2.05%	0.248%
24	11.874	897	900	901	rBV	77044	112758	1.53%	0.185%
25	11.897	901	902	904	rVV2	183223	189018	2.56%	0.310%
26	11.942	904	906	907	rVV	113366	96739	1.31%	0.159%
27	11.977	907	909	914	rVB	224561	352267	4.77%	0.578%
28	12.079	914	918	921	rBV4	74430	184583	2.50%	0.303%
29	12.182	921	927	931	rBV5	127208	268013	3.63%	0.440%
30	12.319	935	939	940	rBV2	49815	83405	1.13%	0.137%
31	12.422	945	948	949	rBV	184193	219517	2.97%	0.360%
32	12.457	949	951	954	rVV2	97209	174865	2.37%	0.287%
33	12.502	954	955	959	rVB	284758	243263	3.29%	0.399%
34	12.582	959	962	964	rBV	2052288	1876836	25.40%	3.079%

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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-BF060416.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.628	964	966	968	rBV2	56326	100210	1.36%	0.164%
36	12.674	968	970	971	rVB	141491	117482	1.59%	0.193%
37	12.731	971	975	978	rBV4	84840	189923	2.57%	0.312%
38	12.811	978	982	984	rBV	1976653	2365415	32.02%	3.881%
39	12.857	984	986	989	rVB2	135554	193430	2.62%	0.317%
40	12.925	989	992	993	rBV	138034	176591	2.39%	0.290%
41	12.960	993	995	997	rVB	2515529	2492933	33.74%	4.090%
42	13.028	997	1001	1003	rBV2	223876	297455	4.03%	0.488%
43	13.131	1007	1010	1012	rVB	244327	497148	6.73%	0.816%
44	13.200	1014	1016	1017	rBV	165442	137826	1.87%	0.226%
45	13.234	1017	1019	1023	rVB2	293439	387263	5.24%	0.635%
46	13.291	1023	1024	1026	rBV2	42080	75720	1.02%	0.124%
47	13.325	1026	1027	1029	rVB	131077	147320	1.99%	0.242%
48	13.360	1029	1030	1032	rBV	158395	152838	2.07%	0.251%
49	13.428	1035	1036	1040	rVB3	42353	81312	1.10%	0.133%
50	13.485	1040	1041	1043	rBV2	105501	161615	2.19%	0.265%
51	13.542	1043	1046	1049	rVB4	79448	179444	2.43%	0.294%
52	13.634	1052	1054	1057	rVB	216240	309096	4.18%	0.507%
53	13.748	1061	1064	1066	rBV	258157	395681	5.36%	0.649%
54	13.782	1066	1067	1068	rVV	222278	204742	2.77%	0.336%
55	13.851	1071	1073	1076	rVB2	204867	366974	4.97%	0.602%
56	14.000	1083	1086	1088	rBV2	1370753	2372892	32.12%	3.893%
57	14.034	1088	1089	1093	rVB	940964	792080	10.72%	1.299%
58	14.217	1103	1105	1107	rBV2	59468	76333	1.03%	0.125%
59	14.262	1107	1109	1112	rVV2	48726	80221	1.09%	0.132%
60	14.388	1116	1120	1121	rVV	276137	374875	5.07%	0.615%
61	14.423	1121	1123	1125	rVV	224235	239484	3.24%	0.393%
62	14.480	1126	1128	1129	rVV	189612	231624	3.14%	0.380%
63	14.514	1129	1131	1135	rVV2	174956	360463	4.88%	0.591%
64	14.583	1135	1137	1139	rVB3	88686	124951	1.69%	0.205%
65	14.685	1144	1146	1147	rBV	85617	102648	1.39%	0.168%
66	14.777	1152	1154	1158	rVB3	70545	180861	2.45%	0.297%
67	14.857	1158	1161	1166	rVB4	91823	253824	3.44%	0.416%
68	14.937	1166	1168	1169	rBV	72762	89209	1.21%	0.146%
69	15.028	1173	1176	1180	rBV	1013322	2137590	28.93%	3.507%
70	15.120	1182	1184	1186	rVV2	203430	317298	4.29%	0.521%
71	15.211	1190	1192	1195	rBV3	58617	138050	1.87%	0.226%

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STA-TA-1261+50(0-4)

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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72	15.314	1198	1201	1204	rVB	589154	768470	10.40%	1.261%
73	15.371	1204	1206	1209	rBV	711284	827262	11.20%	1.357%
74	15.428	1209	1211	1217	rVB2	470734	953463	12.91%	1.564%
75	15.886	1249	1251	1254	rBV	53760	89027	1.21%	0.146%
76	16.663	1315	1319	1325	rVB4	80020	255493	3.46%	0.419%
77	16.823	1329	1333	1336	rBV2	305378	598977	8.11%	0.983%
78	16.983	1345	1347	1350	rBV	51811	94872	1.28%	0.156%
79	17.040	1350	1352	1354	rBV2	59324	98954	1.34%	0.162%
80	17.234	1365	1369	1374	rVB	231475	464891	6.29%	0.763%
81	19.532	1565	1570	1571	rBV	42996	110449	1.50%	0.181%

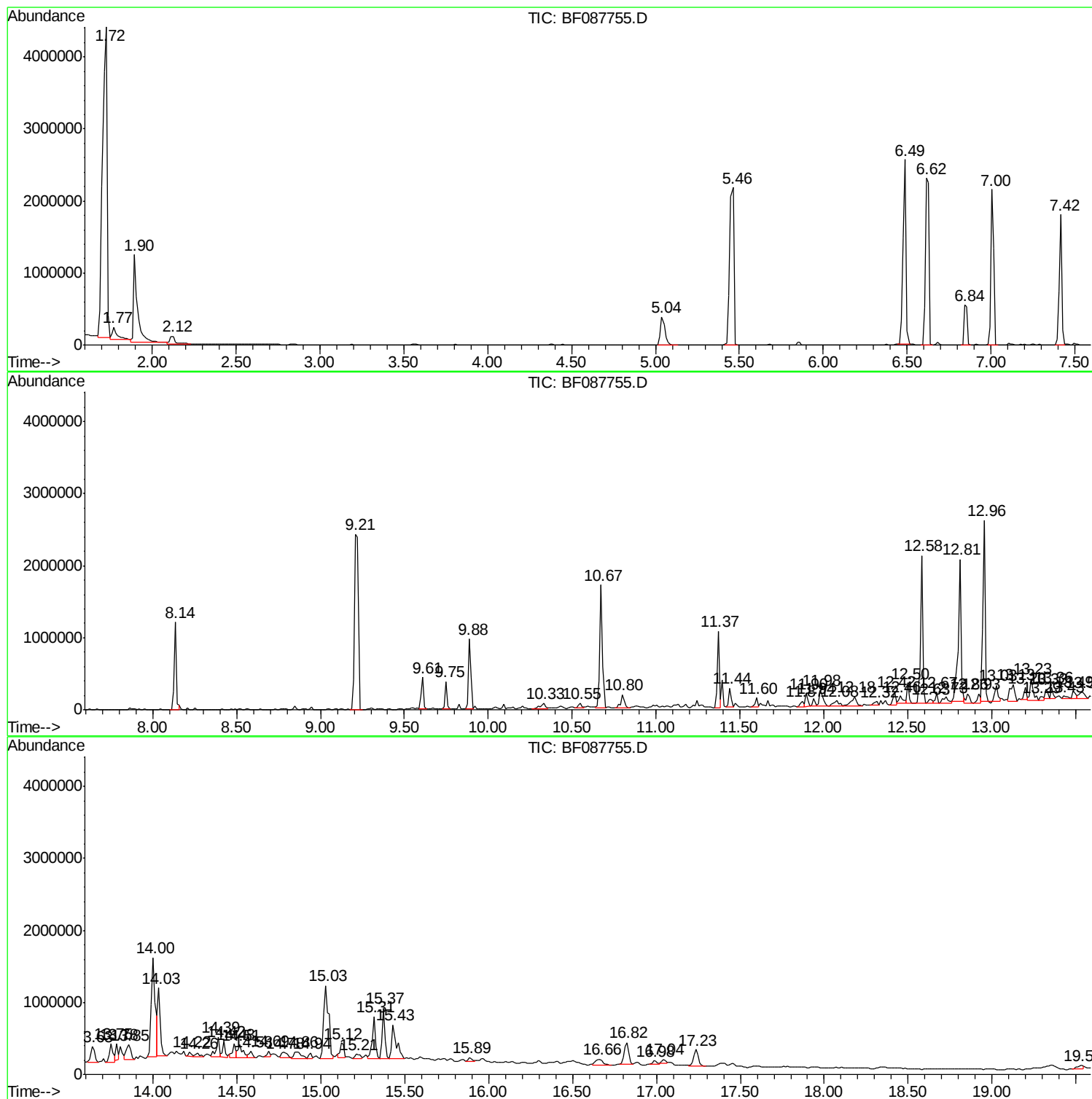
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BF087755.D
Acq On : 6 Jun 2016 16:44
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Sample : H3267-13
Misc :
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Instrument :
BNA_F
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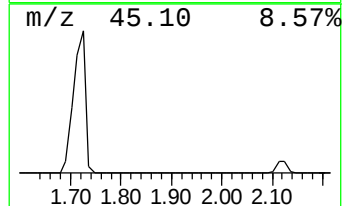
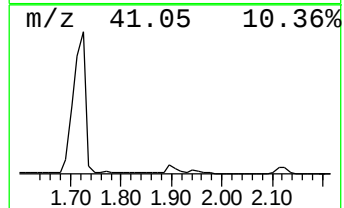
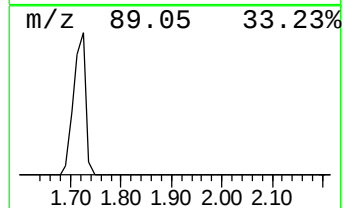
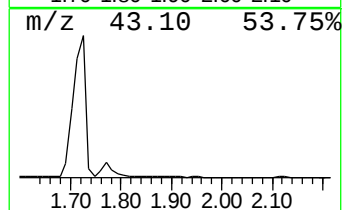
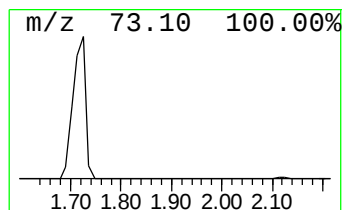
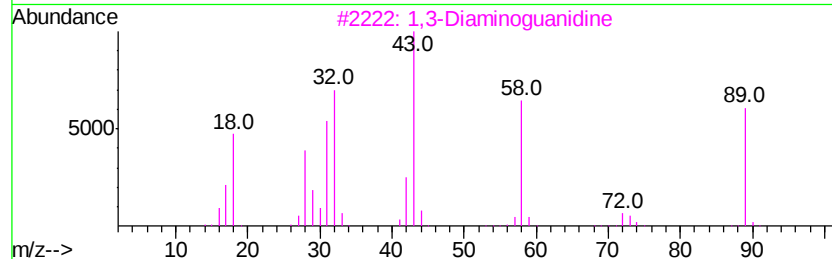
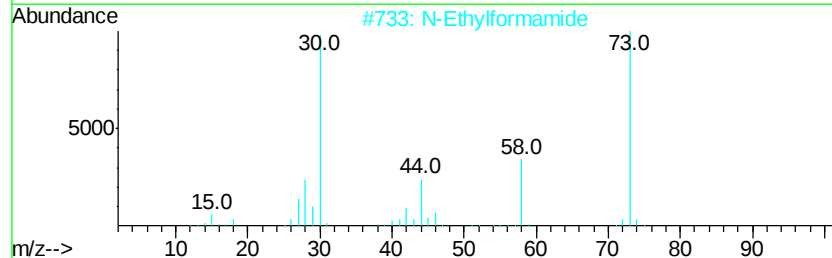
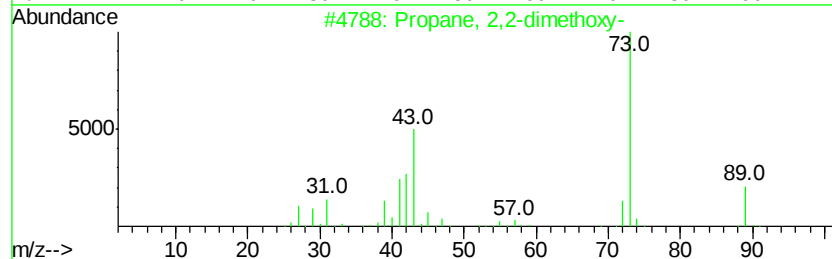
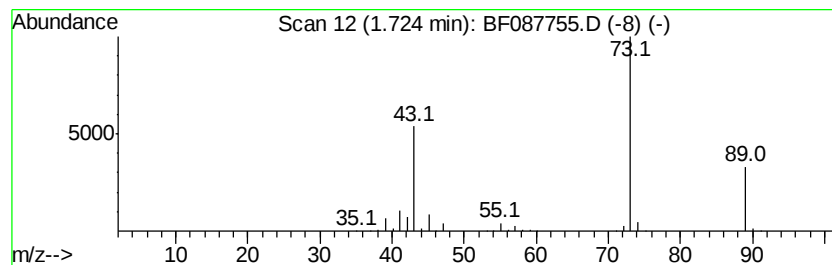
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.72	194.90 ng	7387770	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2		N-Ethylformamide	73	C3H7NO	000627-45-2	9
3		1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9



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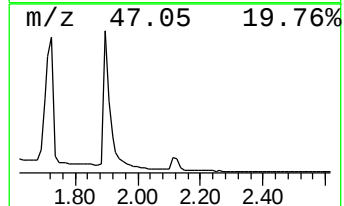
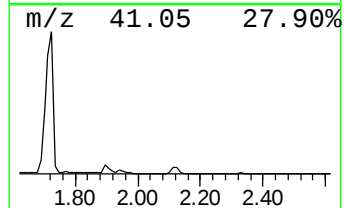
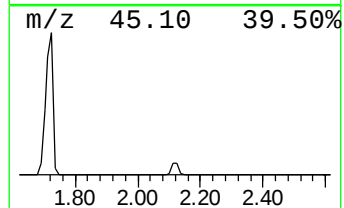
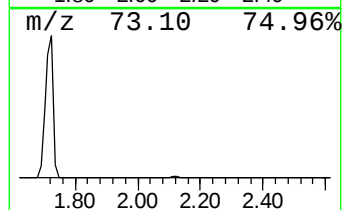
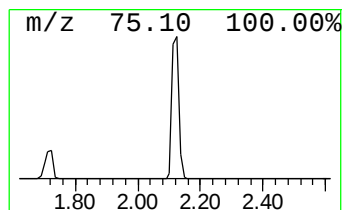
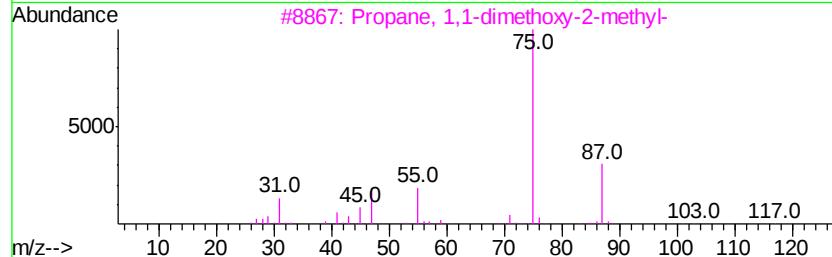
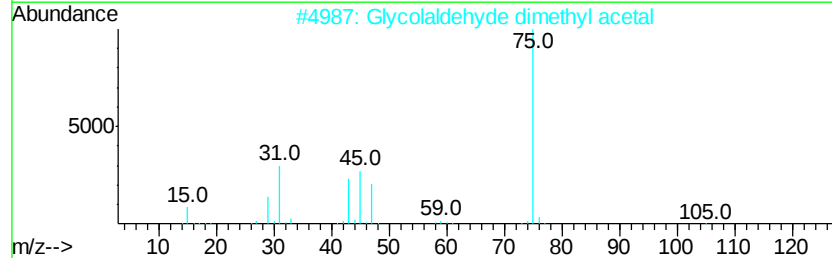
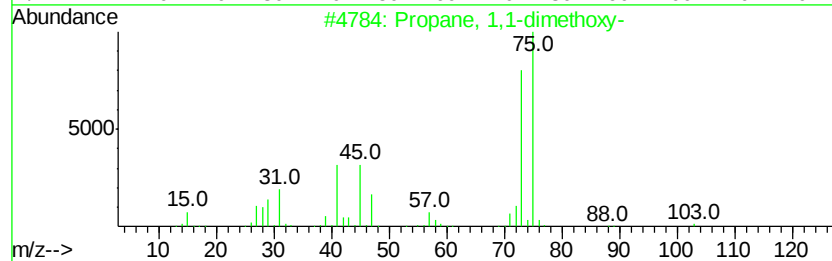
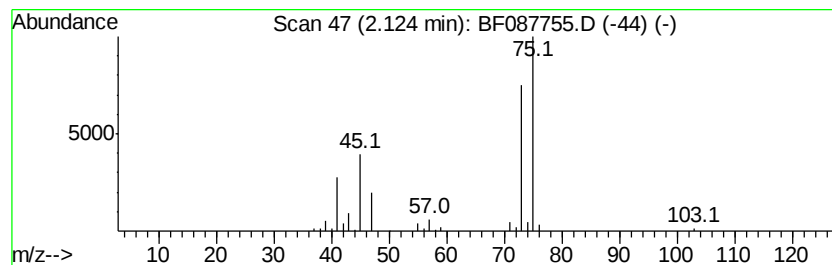
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Propane, 1,1-dimethoxy- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	5.18 ng	196415	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2		Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	39
3		Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	33
4		2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	33
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	22



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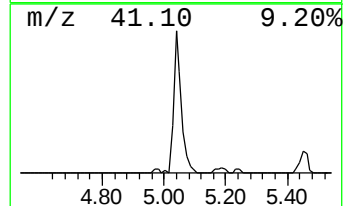
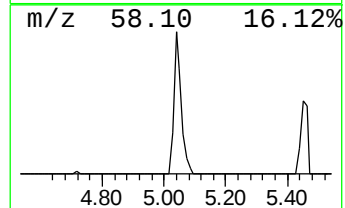
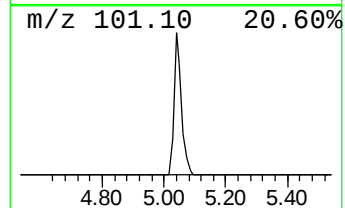
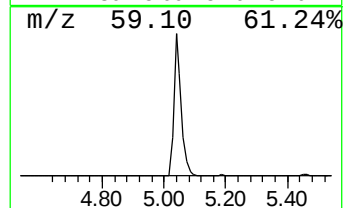
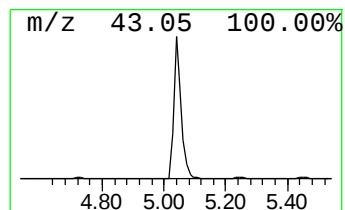
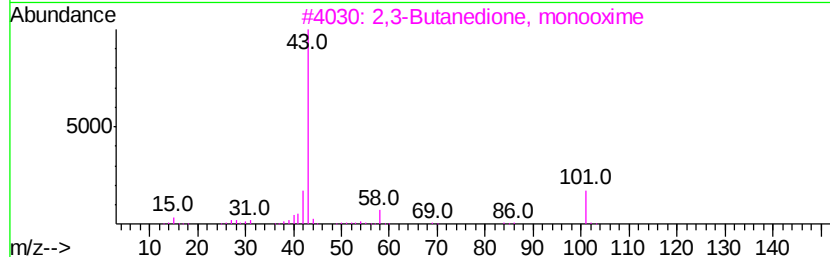
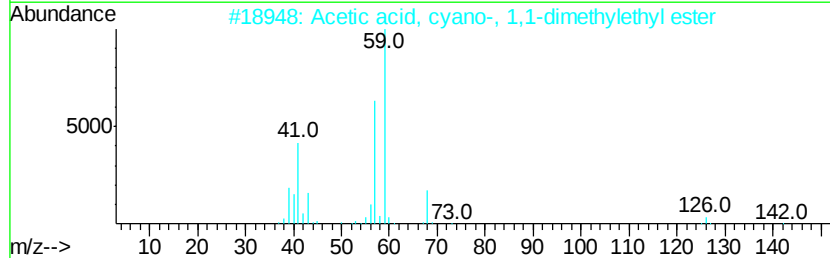
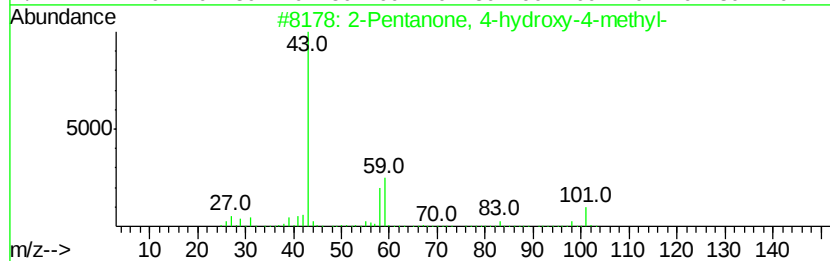
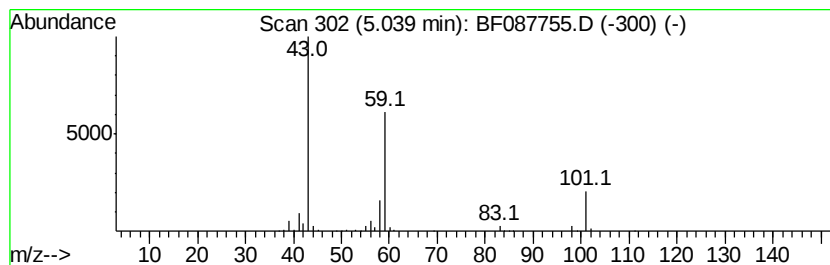
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	17.19 ng	651745	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
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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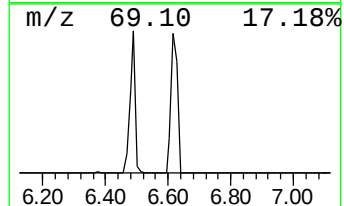
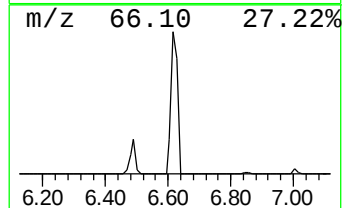
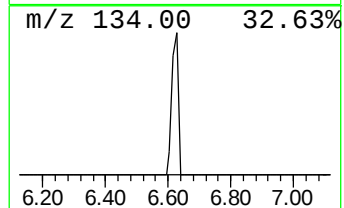
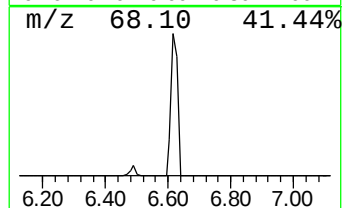
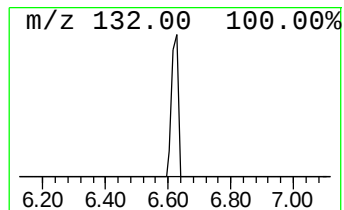
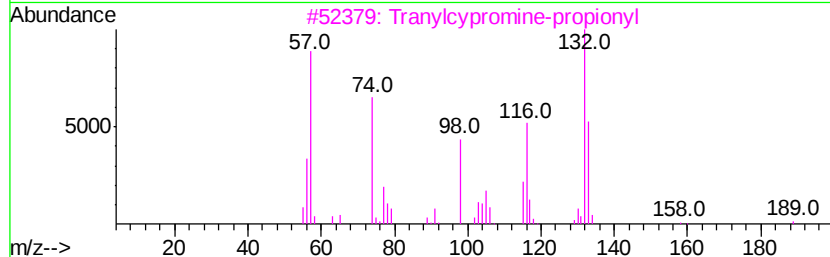
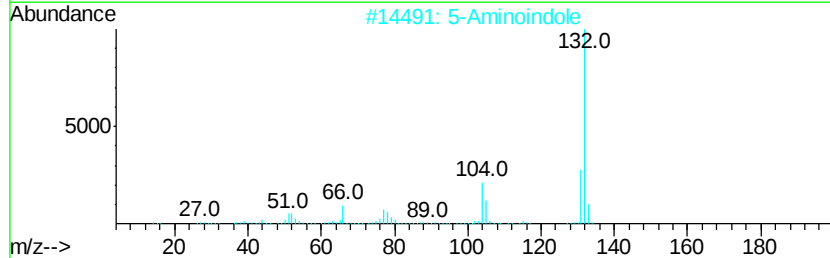
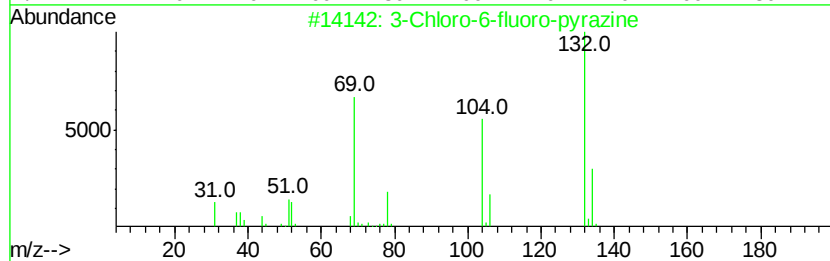
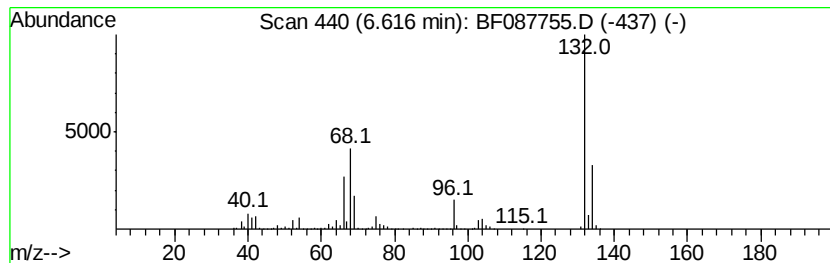
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	92.20 ng	3494740	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole			132	C8H8N2	005192-03-0	12
3	Tranvlcvpromine-propionyl			189	C12H15NO	1000123-86-3	10
4	1-Methylpyrrolo[1,2-a]pyrazine			132	C8H8N2	064608-59-9	9
5	4-Methylpyrrolo[1,2-a]pyrazine			132	C8H8N2	064608-60-2	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087755.D
Acq On : 6 Jun 2016 16:44
Operator : UM/SJ
Sample : H3267-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
STA-TA-1261+50(0-4)

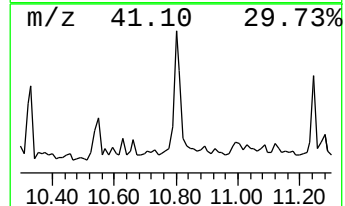
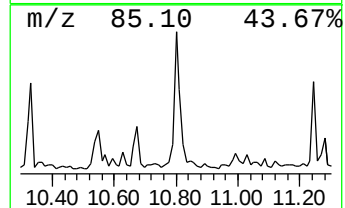
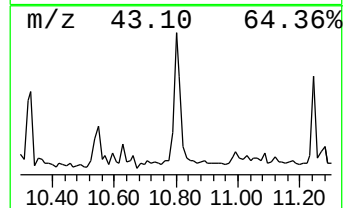
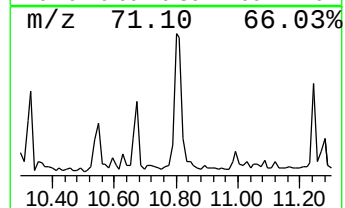
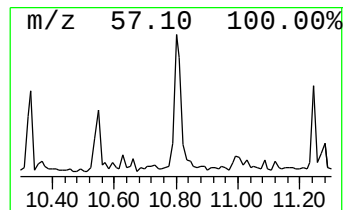
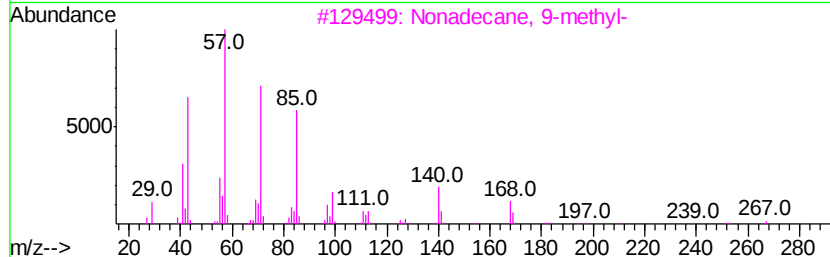
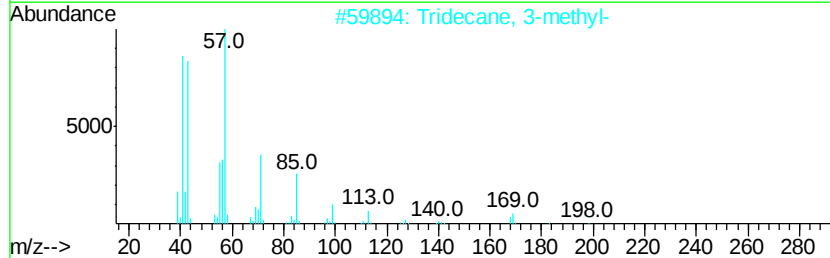
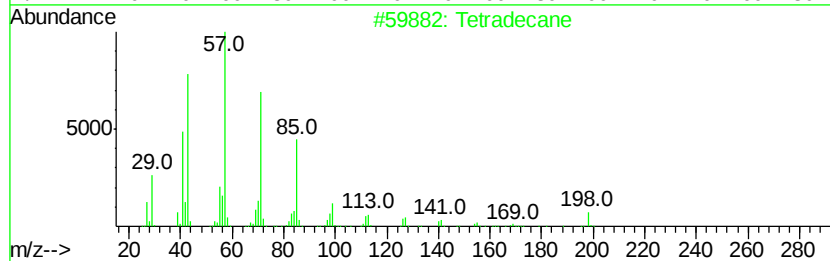
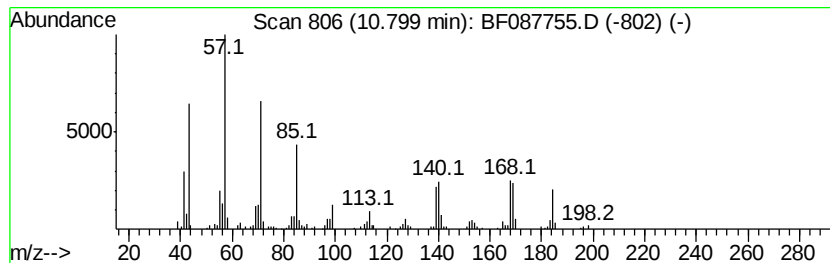
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	6.26 ng	295867	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	86
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	46
3		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	46
4		Heneicosane	296	C21H44	000629-94-7	45
5		Dodecane	170	C12H26	000112-40-3	45



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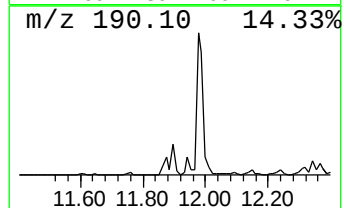
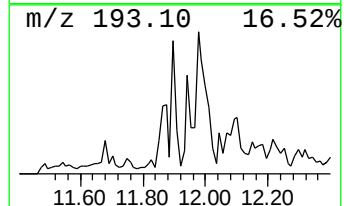
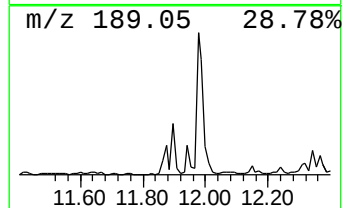
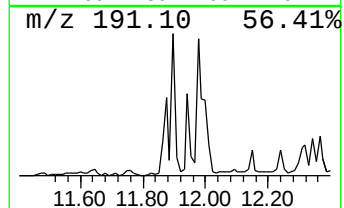
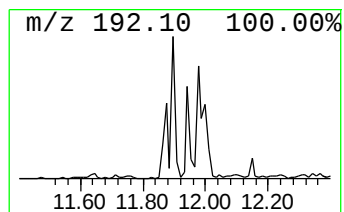
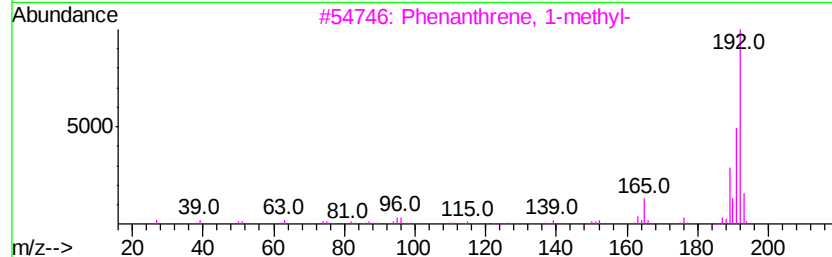
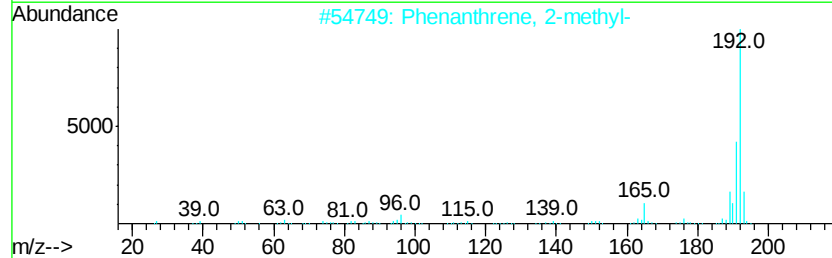
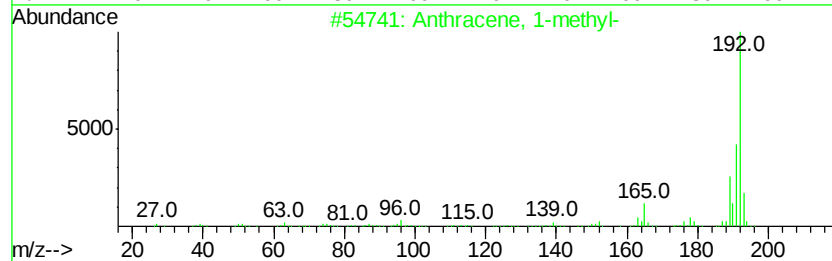
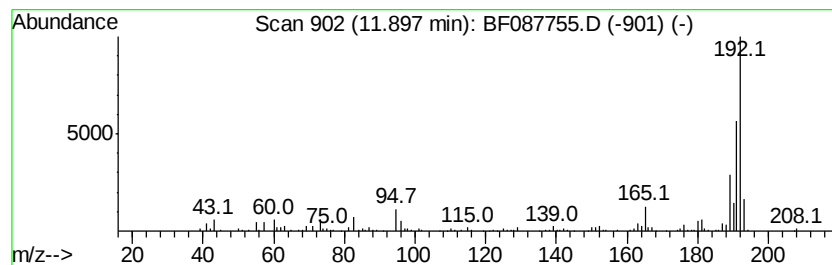
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	4.00 ng	189018	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91



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Data File : BF087755.D
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Sample : H3267-13
Misc :
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Instrument :
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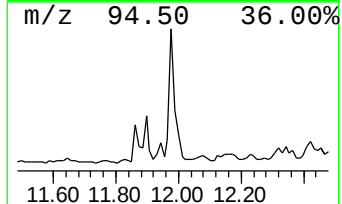
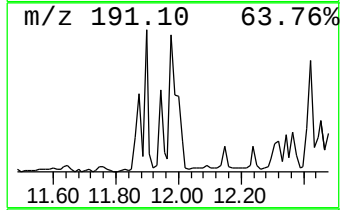
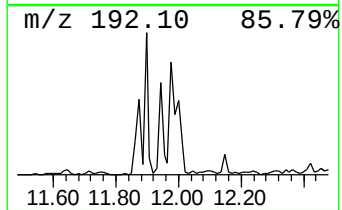
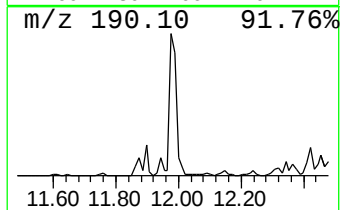
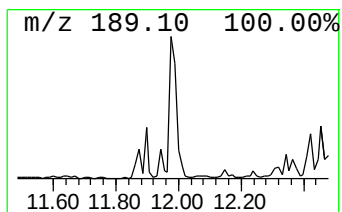
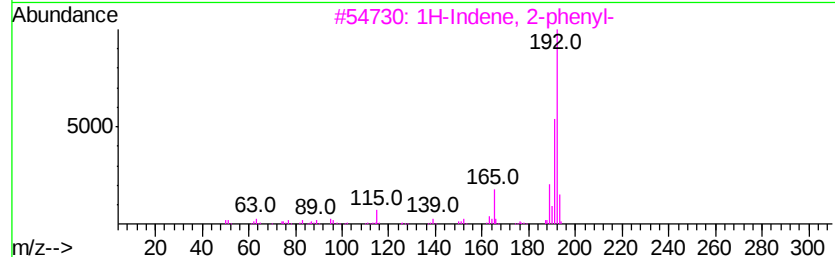
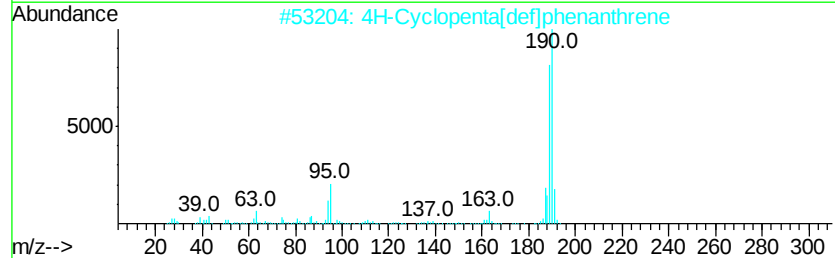
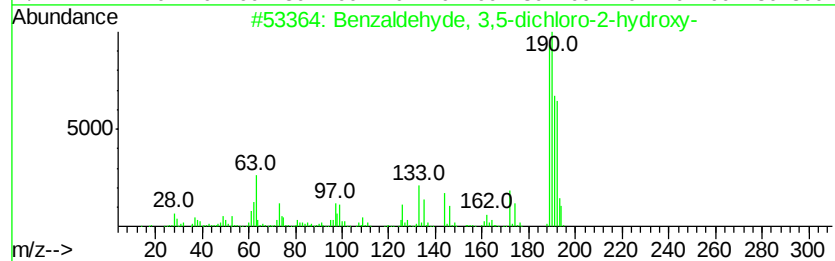
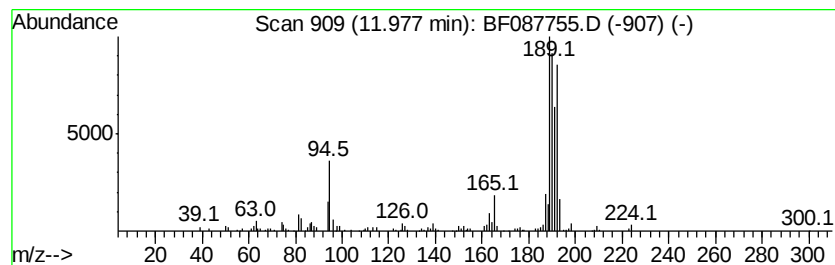
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzaldehyde, 3,5-dichloro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	7.45 ng	352267	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehydve, 3,5-dichloro-2-hvd...	190	C7H4Cl2O2	000090-60-8	64
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38



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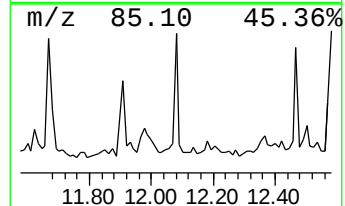
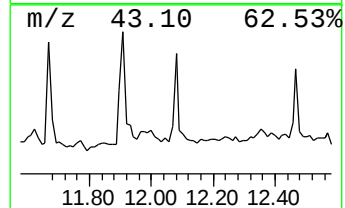
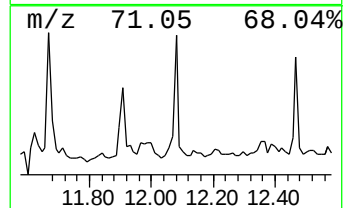
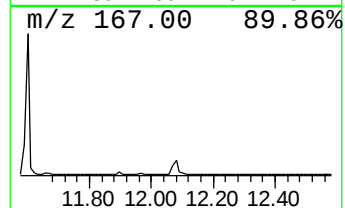
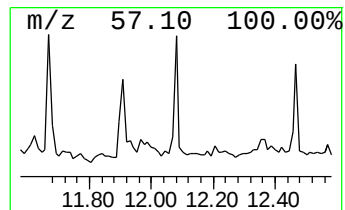
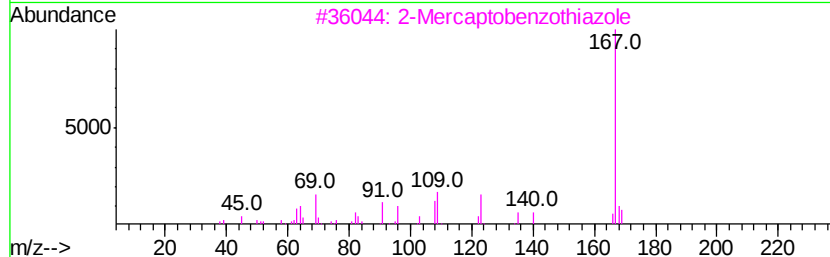
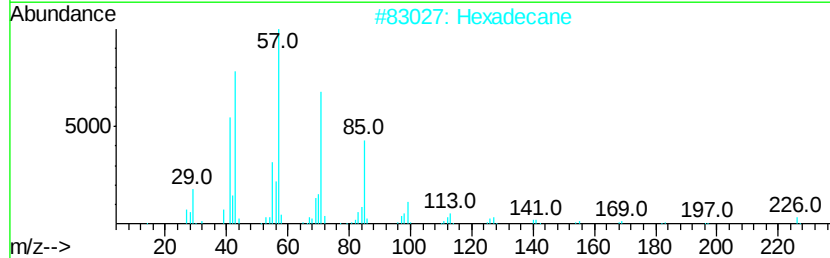
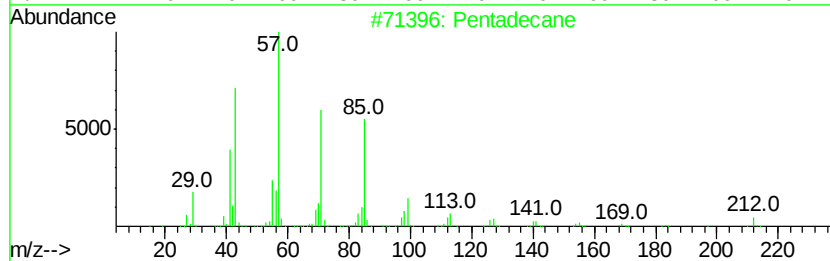
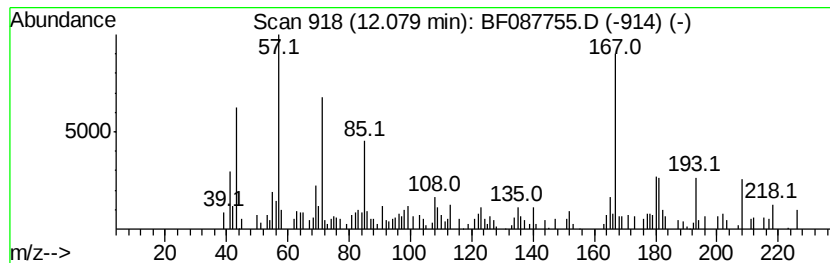
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TIC Library : C:\Database\NIST11.L
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Peak Number 11 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	3.90 ng	184583	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	68
2		Hexadecane	226	C16H34	000544-76-3	62
3		2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	35
4		Nonadecane	268	C19H40	000629-92-5	20
5		1,1'-Biphenyl, 4-(chloromethyl)-	202	C13H11Cl	001667-11-4	20



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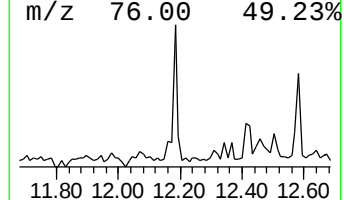
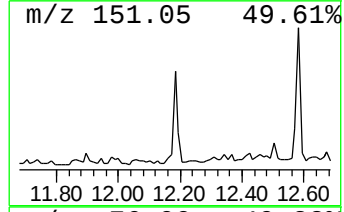
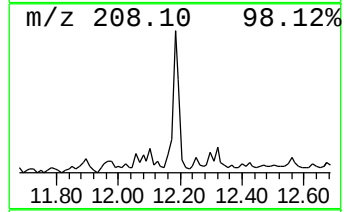
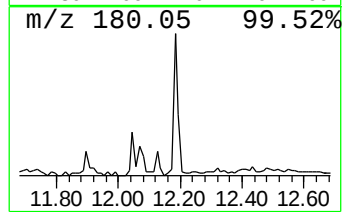
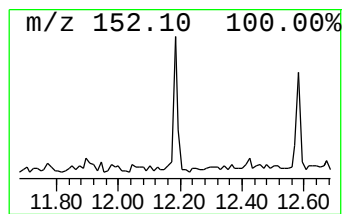
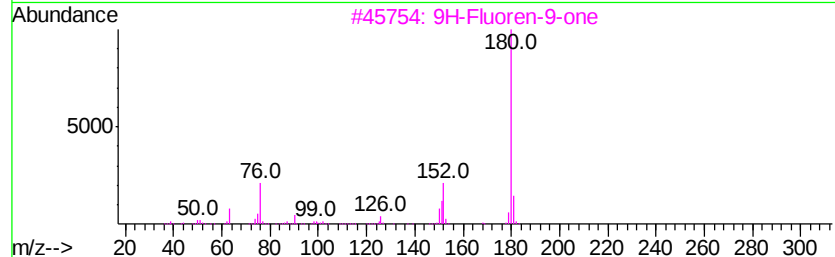
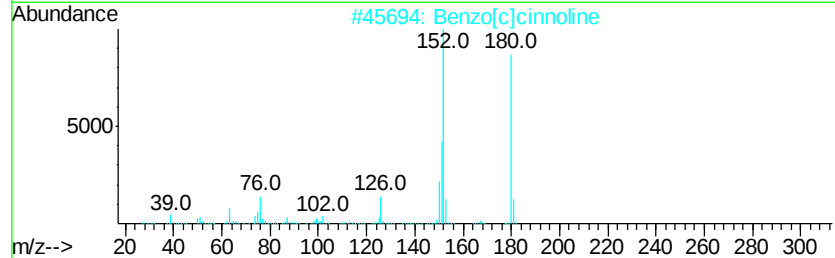
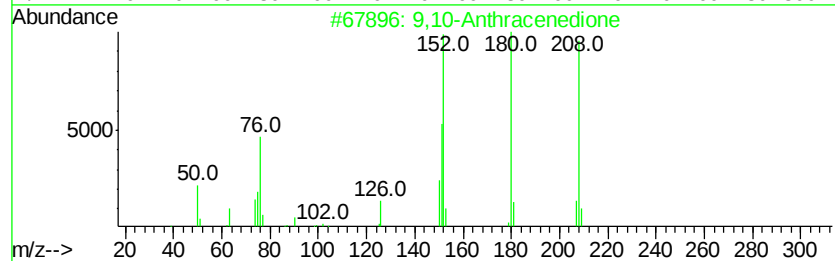
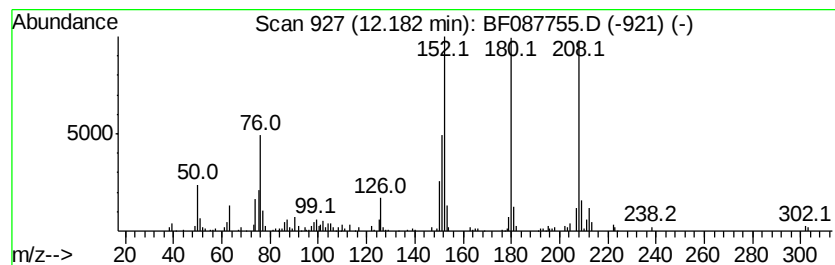
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Peak Number 12 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	5.67 ng	268013	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3			9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
4			1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5			1,4-Anthracenedione	208	C14H8O2	000635-12-1	60



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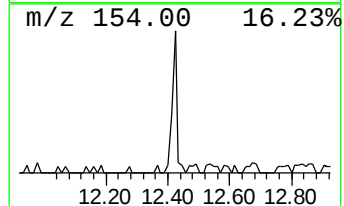
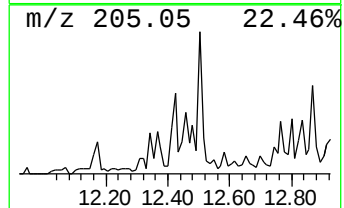
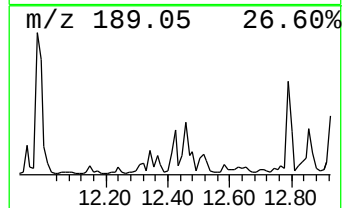
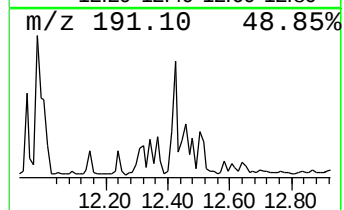
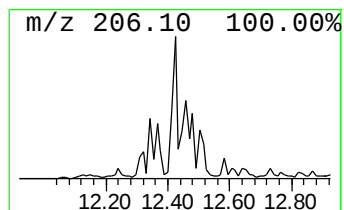
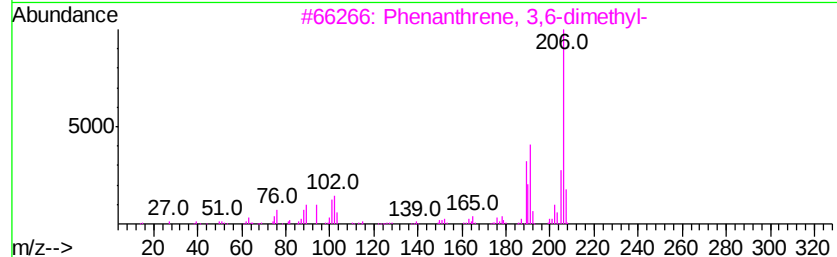
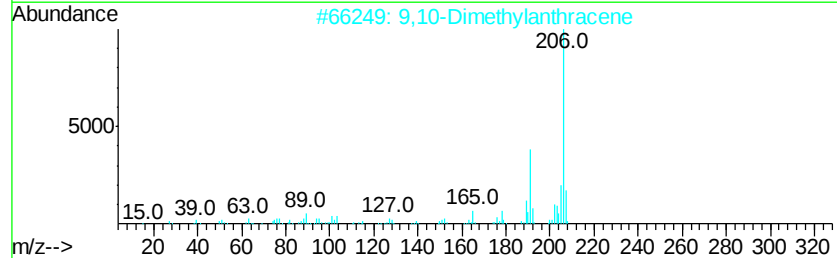
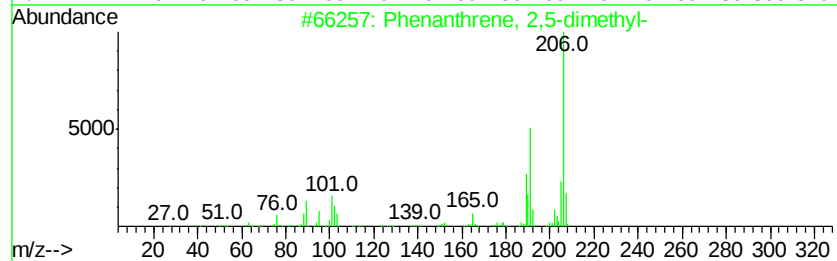
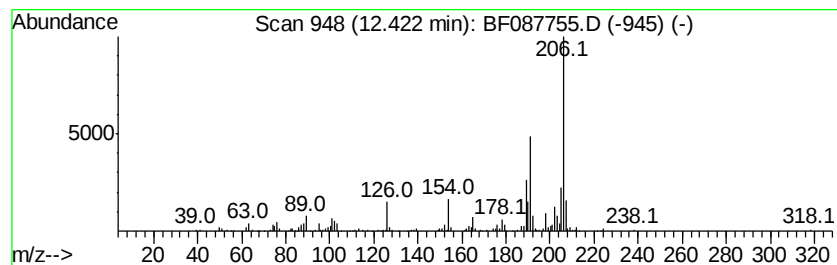
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TIC Library : C:\Database\NIST11.L
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Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	4.64 ng	219517	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83



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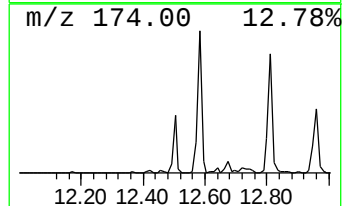
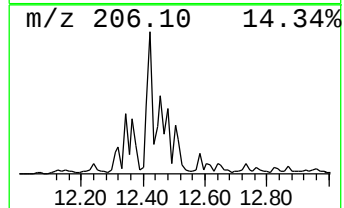
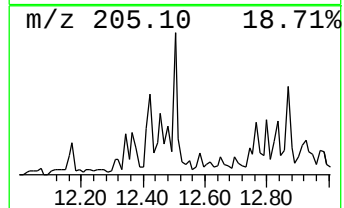
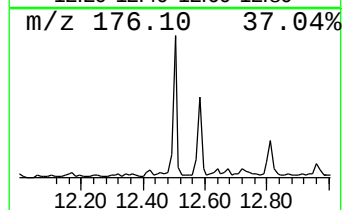
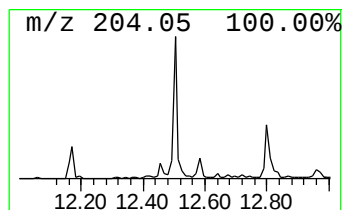
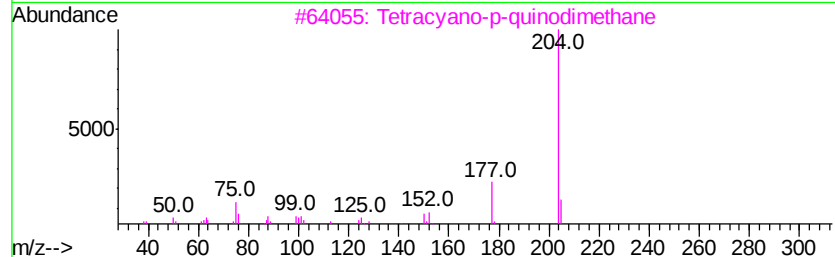
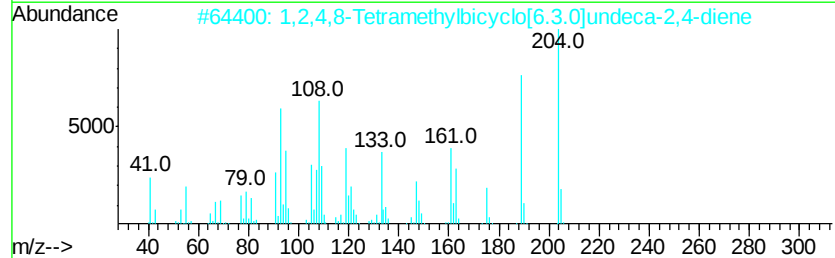
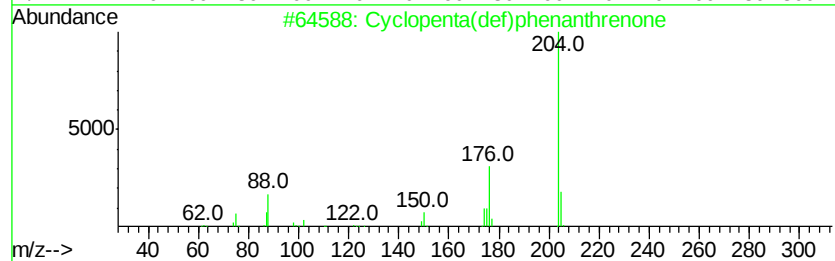
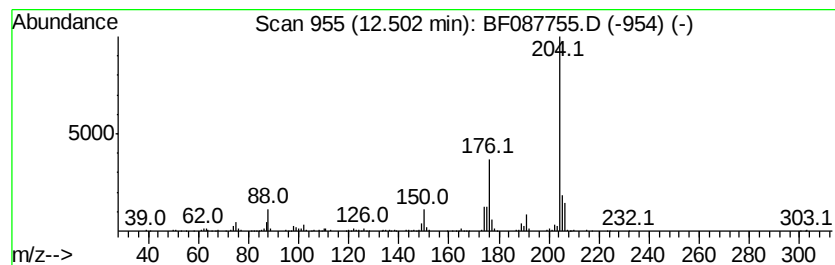
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	5.14 ng	243263	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	53
3		Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	50
4		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087755.D
Acq On : 6 Jun 2016 16:44
Operator : UM/SJ
Sample : H3267-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-TA-1261+50(0-4)

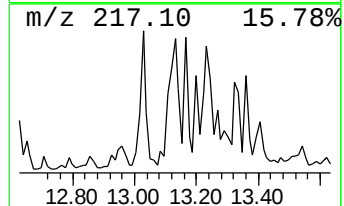
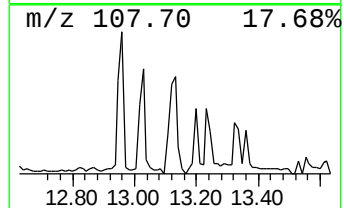
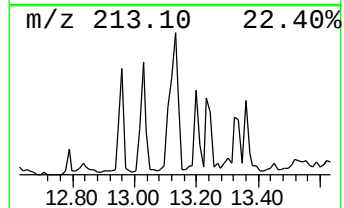
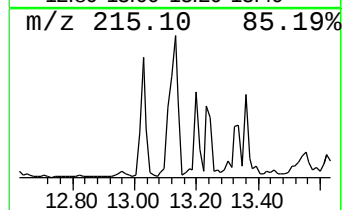
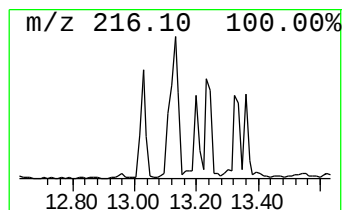
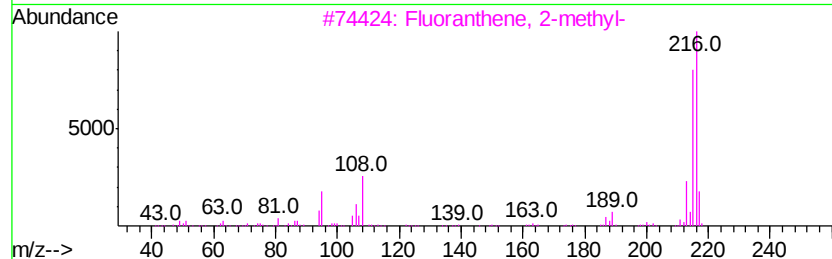
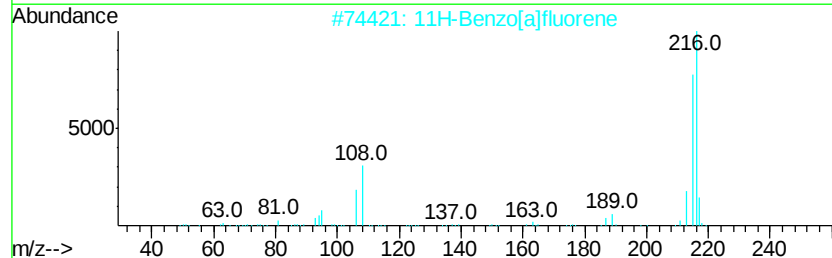
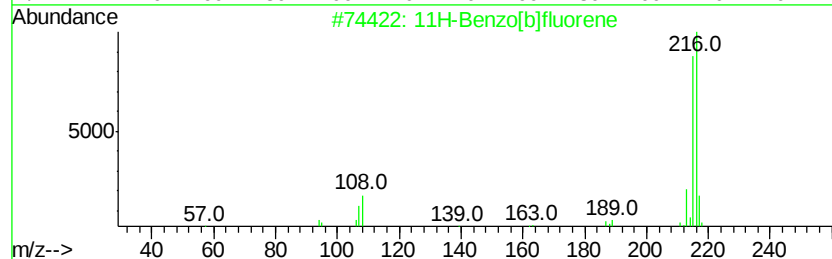
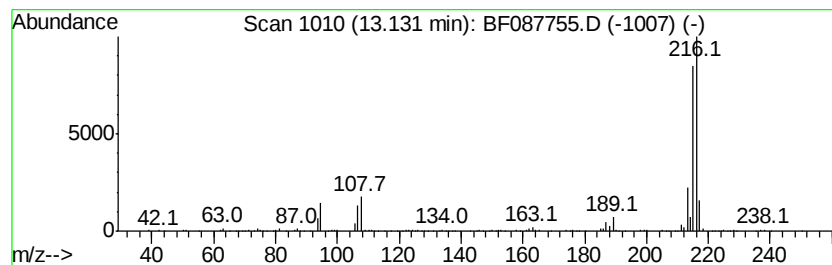
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	4.19 ng	497148	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087755.D
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Operator : UM/SJ
Sample : H3267-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
STA-TA-1261+50(0-4)

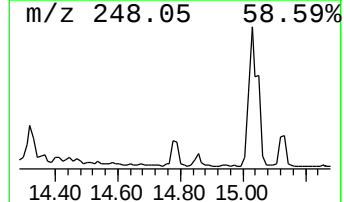
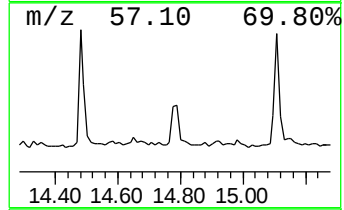
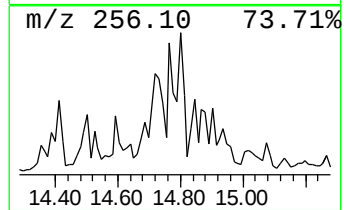
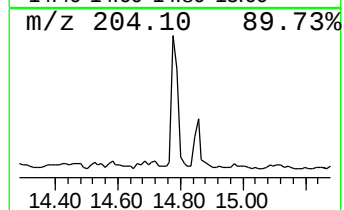
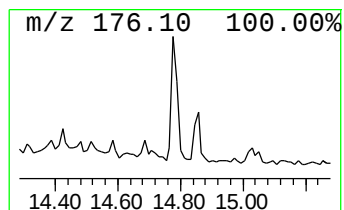
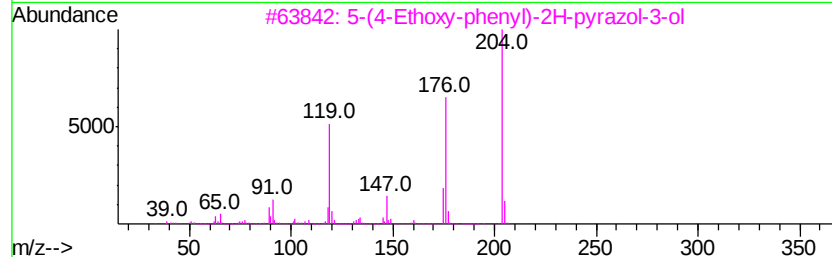
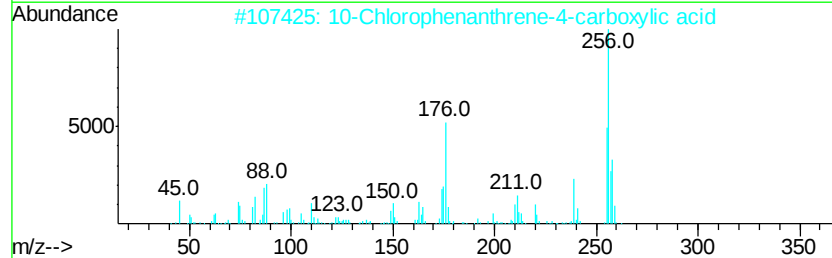
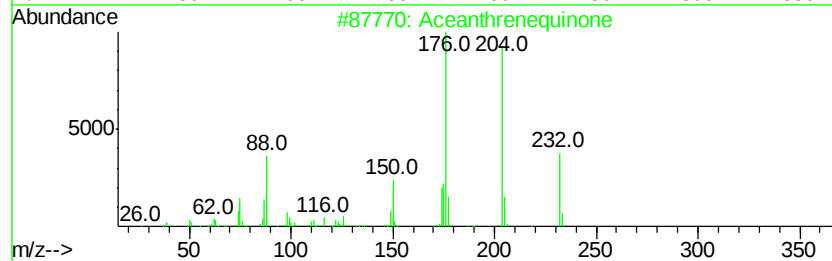
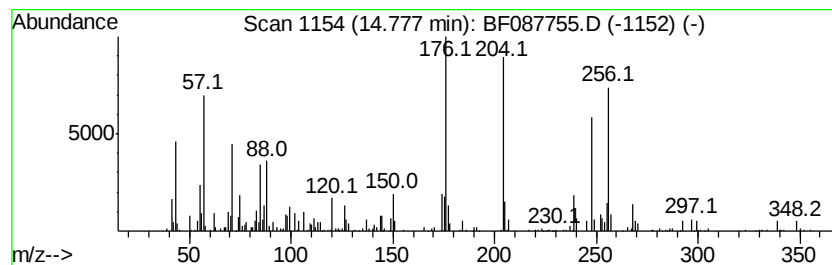
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown14.78 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	3.79 ng	180861	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Aceanthrenequinone	232	C16H8O2	006373-11-1	43
2		10-Chlorophenanthrene-4-carboxyl...	256	C15H9ClO2	026698-22-6	35
3		5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	18
4		Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	15
5		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087755.D
Acq On : 6 Jun 2016 16:44
Operator : UM/SJ
Sample : H3267-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
STA-TA-1261+50(0-4)

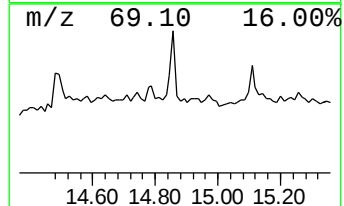
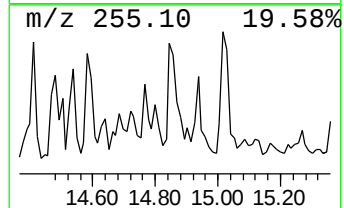
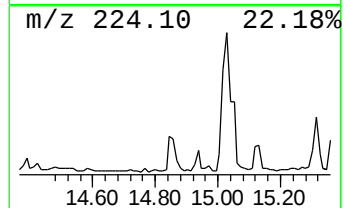
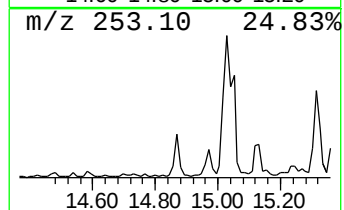
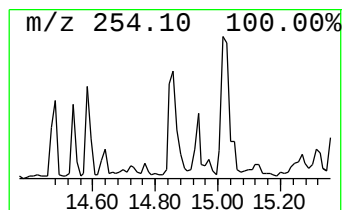
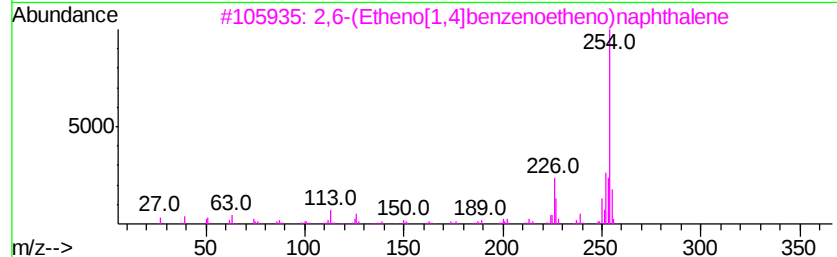
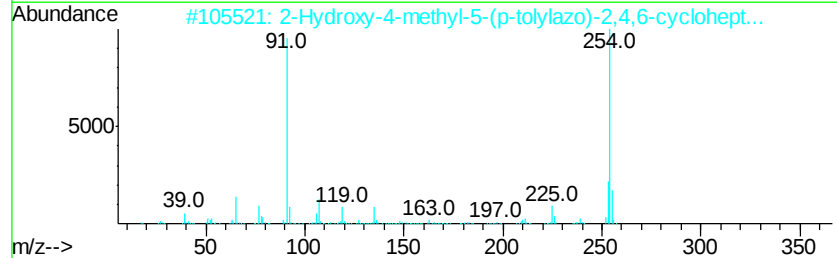
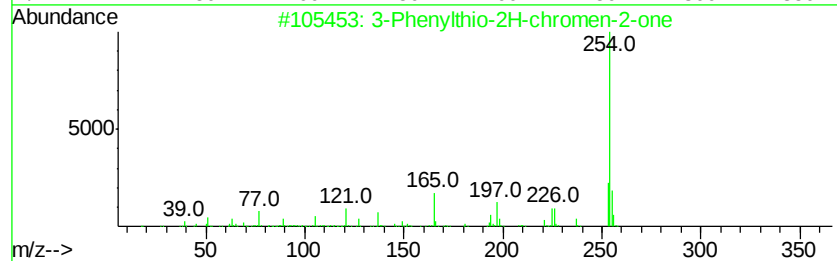
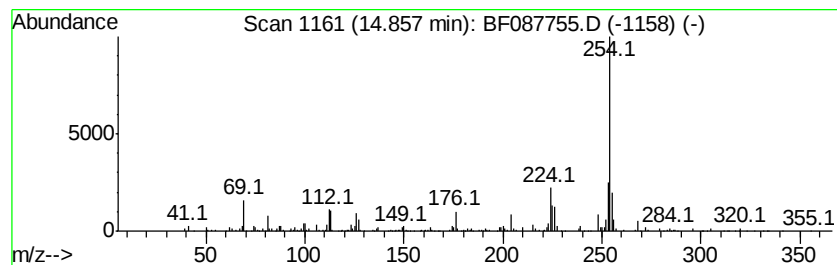
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 3-Phenylthio-2H-chromen-2-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	5.32 ng	253824	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	68
2		2-Hydroxy-4-methyl-5-(p-tolylazo)-2,4,6-cycloheptatriene	254	C15H14N2O2	066777-90-0	64
3		2,6-(Etheno[1,4]benzenoetheno)naphthalene	254	C20H14	117054-70-3	58
4		2,2'-Binaphthalene	254	C20H14	000612-78-2	58
5		Estra-1,3,5(10),16-tetraen-3-ol	254	C18H22O	001150-90-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
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Acq On : 6 Jun 2016 16:44
Operator : UM/SJ
Sample : H3267-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
STA-TA-1261+50(0-4)

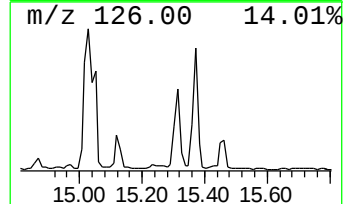
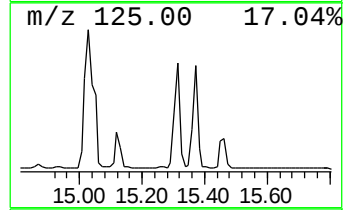
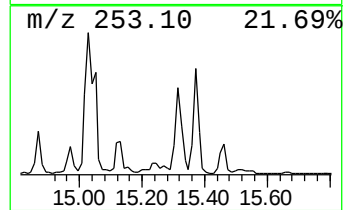
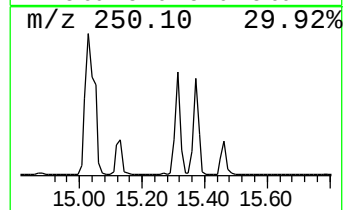
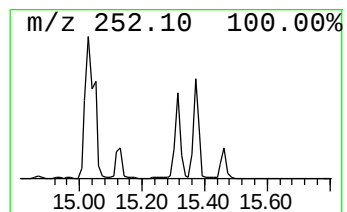
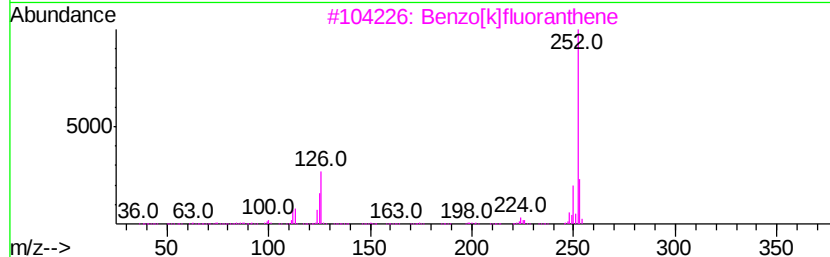
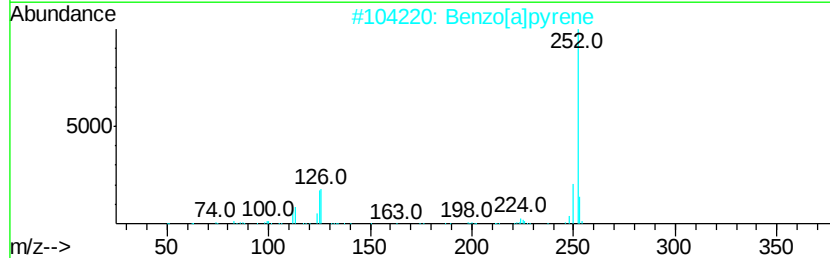
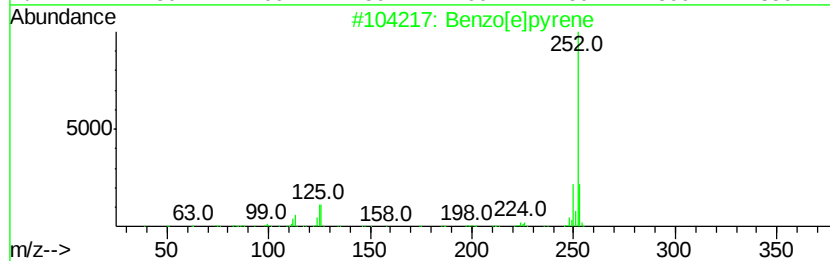
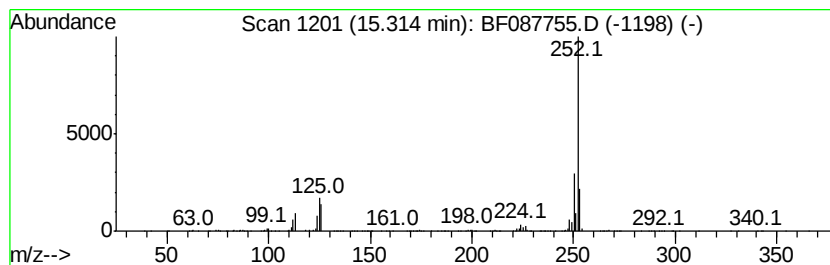
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	16.12 ng	768470	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[a]pyrene	252	C20H12	000050-32-8	95
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4		Perylene	252	C20H12	000198-55-0	91
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
 Data File : BF087755.D
 Acq On : 6 Jun 2016 16:44
 Operator : UM/SJ
 Sample : H3267-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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
Propane, 2,2-dime...	1.72	194.9	ng	7387770	1	6.86	758116	20.0
Propane, 1,1-dime...	2.12	5.2	ng	196415	1	6.86	758116	20.0
2-Pentanone, 4-hy...	5.04	17.2	ng	651745	1	6.86	758116	20.0
unknown6.62	6.62	92.2	ng	3494740	1	6.86	758116	20.0
Tetradecane	10.80	6.3	ng	295867	4	11.37	945733	20.0
Anthracene, 1-met...	11.90	4.0	ng	189018	4	11.37	945733	20.0
Benzaldehyde, 3,5...	11.98	7.5	ng	352267	4	11.37	945733	20.0
Pentadecane	12.08	3.9	ng	184583	4	11.37	945733	20.0
9,10-Anthracenedione	12.18	5.7	ng	268013	4	11.37	945733	20.0
Phenanthrene, 2,5...	12.42	4.6	ng	219517	4	11.37	945733	20.0
Cyclopenta(def)ph...	12.50	5.1	ng	243263	4	11.37	945733	20.0
11H-Benzo[b]fluorene	13.13	4.2	ng	497148	5	14.01	2372890	20.0
unknown14.78	14.78	3.8	ng	180861	6	15.43	953463	20.0
3-Phenylthio-2H-c...	14.86	5.3	ng	253824	6	15.43	953463	20.0
Benzo[e]pyrene	15.31	16.1	ng	768470	6	15.43	953463	20.0