

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
 Data File : BF093163.D
 Acq On : 24 Feb 2017 23:57
 Operator : SJ/MA
 Sample : I1957-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-6(12-14)20170222

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-BF013017.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.001	252	255	268	rBV	1092318	1717483	40.01%	3.370%
2	5.424	289	292	295	rBV	3245874	3555941	82.83%	6.978%
3	6.476	381	384	386	rBV	3642210	4292974	100.00%	8.424%
4	6.601	392	395	397	rBV	3814341	3981394	92.74%	7.813%
5	6.830	412	415	417	rBV	1076812	926868	21.59%	1.819%
6	6.990	426	429	431	rBV	2543486	2986448	69.57%	5.860%
7	7.402	462	465	467	rBV	2503452	2673410	62.27%	5.246%
8	8.110	525	527	530	rBV	887905	1260832	29.37%	2.474%
9	8.830	588	590	594	rVB	67783	58652	1.37%	0.115%
10	8.933	597	599	601	rBV	41524	51541	1.20%	0.101%
11	9.196	619	622	624	rBV	4274684	4057515	94.52%	7.962%
12	9.459	642	645	649	rBV	38028	52025	1.21%	0.102%
13	9.527	649	651	653	rBV	60281	73975	1.72%	0.145%
14	9.596	655	657	659	rBV	205970	215567	5.02%	0.423%
15	9.870	679	681	683	rBV	1604675	1425769	33.21%	2.798%
16	9.905	683	684	686	rVB	156545	119931	2.79%	0.235%
17	10.076	697	699	701	rBV	183526	159799	3.72%	0.314%
18	10.282	715	717	718	rBV	37442	48763	1.14%	0.096%
19	10.305	718	719	721	rVB	93417	66910	1.56%	0.131%
20	10.419	727	729	732	rVB	295518	257574	6.00%	0.505%
21	10.522	732	738	741	rBV3	33392	115960	2.70%	0.228%
22	10.579	741	743	745	rVB	73426	59343	1.38%	0.116%
23	10.659	748	750	753	rBV2	1719008	2409200	56.12%	4.728%
24	10.773	758	760	765	rVB	109945	181177	4.22%	0.356%
25	10.968	774	777	779	rBV2	65347	90544	2.11%	0.178%
26	11.116	786	790	793	rBV3	32714	72354	1.69%	0.142%
27	11.162	793	794	796	rVB	58095	79636	1.86%	0.156%
28	11.231	796	800	801	rBV2	71057	126121	2.94%	0.247%
29	11.253	801	802	805	rVB	138033	120723	2.81%	0.237%
30	11.379	809	813	815	rBV2	1551191	2980141	69.42%	5.848%
31	11.436	815	818	820	rVB	470159	427249	9.95%	0.838%
32	11.596	828	832	835	rBV	130934	163305	3.80%	0.320%
33	11.653	835	837	839	rVV	101289	94333	2.20%	0.185%
34	11.699	839	841	843	rVB3	31695	47663	1.11%	0.094%

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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-BF013017.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.859	853	855	856 rBV	192800	165493	3.85%	0.325%
36	11.893	856	858	860 rVV	173557	203131	4.73%	0.399%
37	11.939	860	862	863 rVV	79075	76098	1.77%	0.149%
38	11.973	863	865	869 rVB2	299179	414244	9.65%	0.813%
39	12.065	869	873	875 rBV2	27844	59578	1.39%	0.117%
40	12.156	879	881	882 rVV	123685	104195	2.43%	0.204%
41	12.191	882	884	886 rVB	49531	53166	1.24%	0.104%
42	12.408	901	903	905 rBV	80045	95551	2.23%	0.187%
43	12.442	905	906	909 rVV2	49389	83480	1.94%	0.164%
44	12.499	909	911	915 rVB	89639	101957	2.37%	0.200%
45	12.568	915	917	920 rBV	1207909	1500670	34.96%	2.945%
46	12.636	920	923	925 rVB2	35934	44266	1.03%	0.087%
47	12.716	927	930	934 rBV2	46406	93122	2.17%	0.183%
48	12.796	934	937	940 rVV2	958138	1403542	32.69%	2.754%
49	12.854	940	942	944 rVB	60521	71089	1.66%	0.139%
50	12.945	944	950	953 rBV	3007074	3951677	92.05%	7.754%
51	13.025	953	957	959 rBV2	75671	115635	2.69%	0.227%
52	13.128	962	966	968 rVB2	165485	257895	6.01%	0.506%
53	13.196	970	972	973 rVV	118115	91259	2.13%	0.179%
54	13.231	973	975	979 rVB	123621	156888	3.65%	0.308%
55	13.322	982	983	985 rBV	52333	51765	1.21%	0.102%
56	13.356	985	986	990 rVB	67280	73496	1.71%	0.144%
57	13.425	990	992	995 rVB4	38702	53926	1.26%	0.106%
58	13.516	998	1000	1002 rBV2	24139	58005	1.35%	0.114%
59	13.642	1007	1011	1015 rBV	100467	139696	3.25%	0.274%
60	13.745	1018	1020	1021 rBV	92904	100240	2.33%	0.197%
61	13.768	1021	1022	1024 rVV	63908	99797	2.32%	0.196%
62	13.802	1024	1025	1027 rVV2	64570	96985	2.26%	0.190%
63	13.848	1027	1029	1033 rVB2	208829	298347	6.95%	0.585%
64	13.996	1039	1042	1047 rBV2	1461354	2342733	54.57%	4.597%
65	14.099	1049	1051	1053 rVB	64210	76840	1.79%	0.151%
66	14.157	1053	1056	1058 rBV3	30453	76616	1.78%	0.150%
67	14.225	1060	1062	1069 rVB4	47879	129697	3.02%	0.255%
68	14.385	1074	1076	1078 rVV	93953	107246	2.50%	0.210%
69	14.477	1081	1084	1086 rVV4	42952	104299	2.43%	0.205%
70	14.511	1086	1087	1090 rVV2	53595	89947	2.10%	0.177%
71	14.579	1090	1093	1096 rVB5	30490	59883	1.39%	0.118%

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Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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72	14.717	1101	1105	1108	rBV3	15866	52646	1.23%	0.103%
73	15.025	1129	1132	1136	rBV	316140	667575	15.55%	1.310%
74	15.128	1139	1141	1143	rVV	56509	71118	1.66%	0.140%
75	15.219	1146	1149	1151	rBV	21364	49908	1.16%	0.098%
76	15.311	1154	1157	1160	rVV	169905	227017	5.29%	0.445%
77	15.368	1160	1162	1165	rVV	265737	322120	7.50%	0.632%
78	15.425	1165	1167	1175	rVB	683165	999079	23.27%	1.960%
79	15.848	1202	1204	1207	rBV	35948	61908	1.44%	0.121%
80	16.328	1242	1246	1250	rBV	29247	56906	1.33%	0.112%
81	16.831	1287	1290	1293	rBV	93220	191046	4.45%	0.375%
82	16.888	1293	1295	1300	rVB3	24706	57104	1.33%	0.112%
83	17.003	1301	1305	1307	rBV	18052	43490	1.01%	0.085%
84	17.254	1323	1327	1333	rBV	70783	153837	3.58%	0.302%
85	19.414	1511	1516	1520	rVB3	16922	53345	1.24%	0.105%

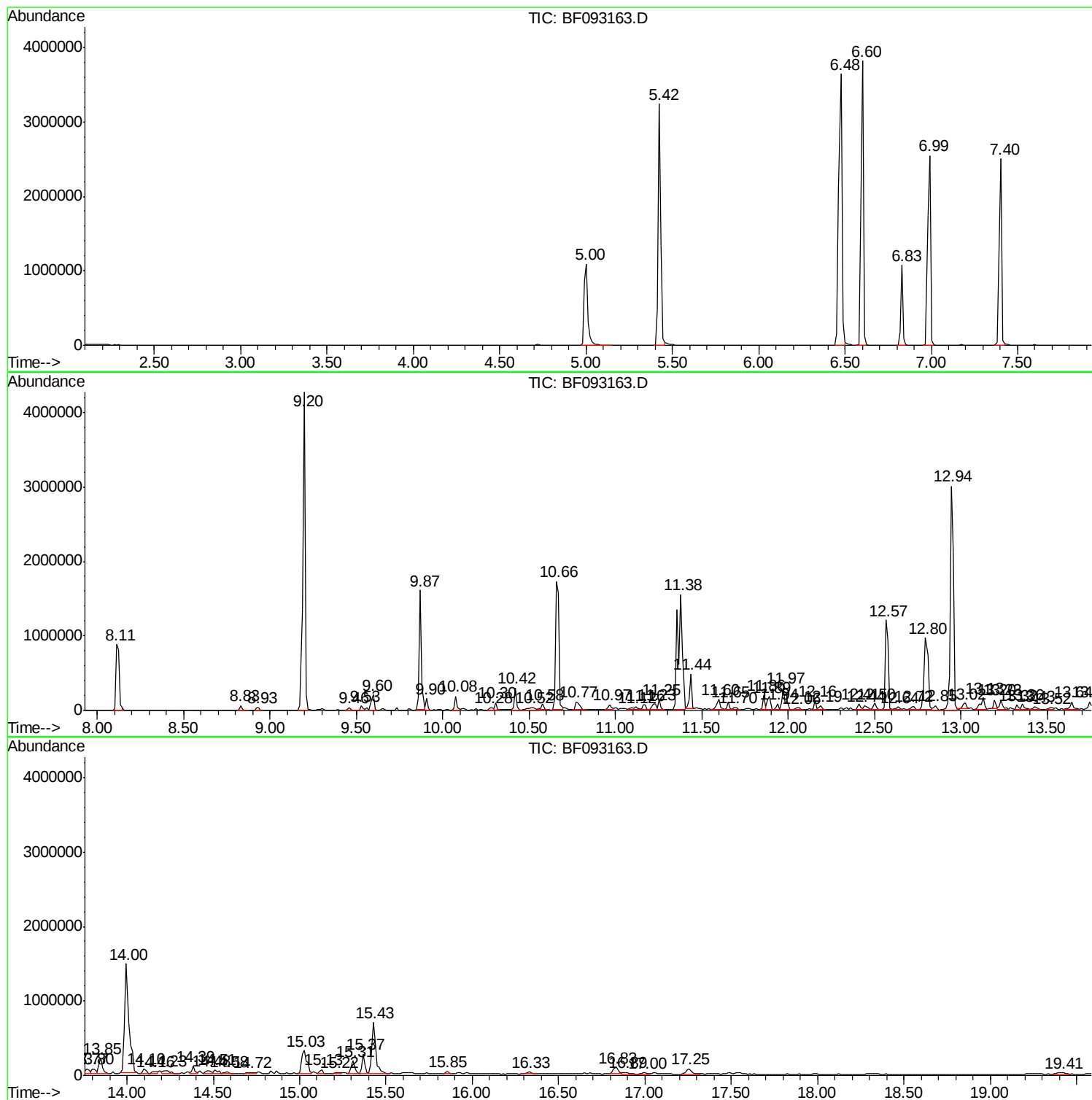
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Acq On : 24 Feb 2017 23:57
Operator : SJ/MA
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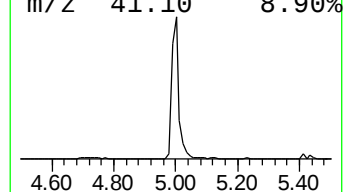
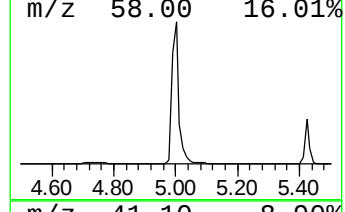
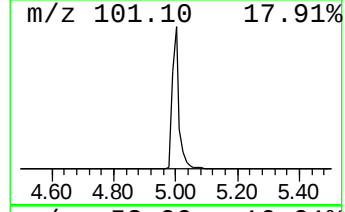
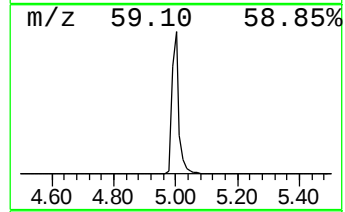
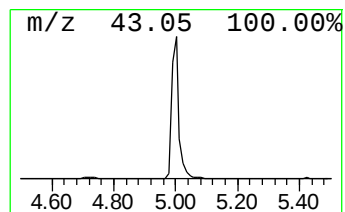
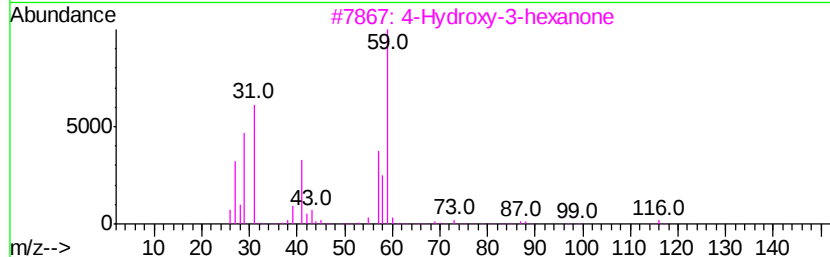
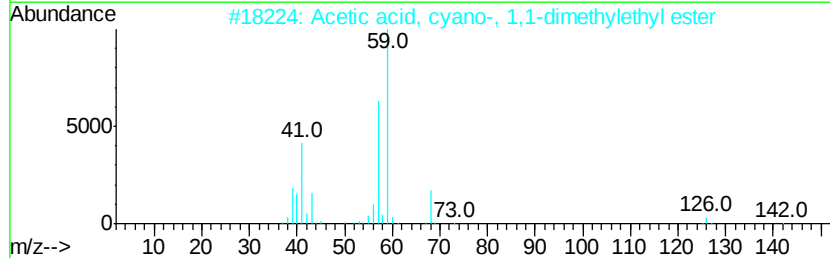
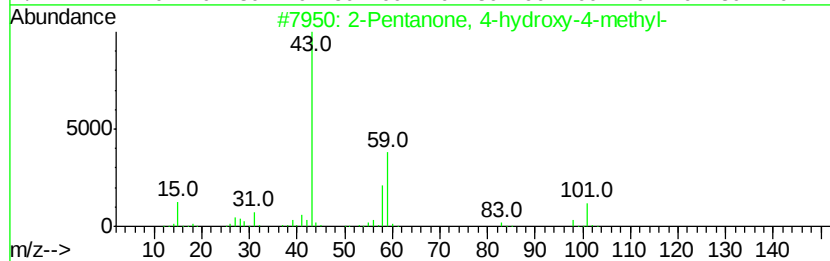
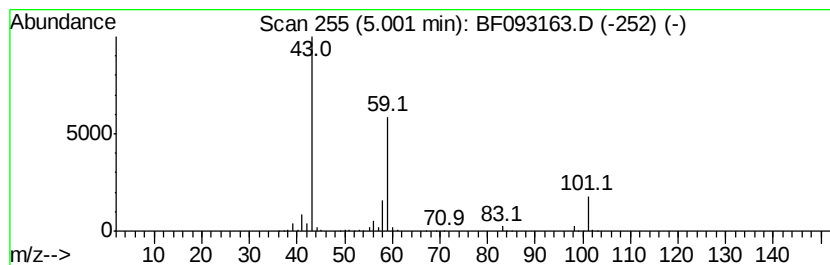
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.00	37.06 ng	1717480	1,4-Dichlorobenzene-d4	6.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9
4	1,2-Butanediol, (./-.)-	90	C4H10O2	026171-83-5	9
5	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9



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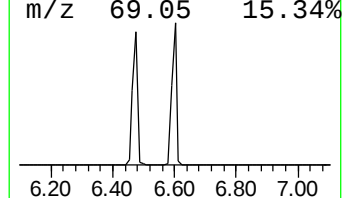
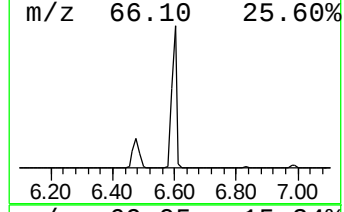
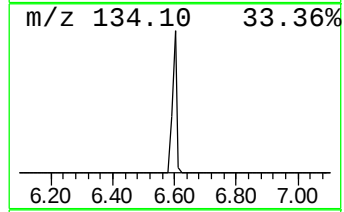
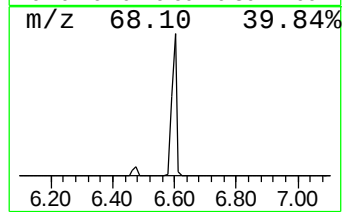
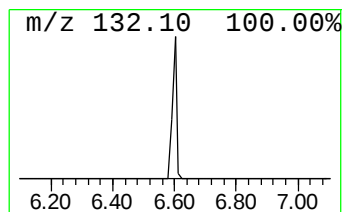
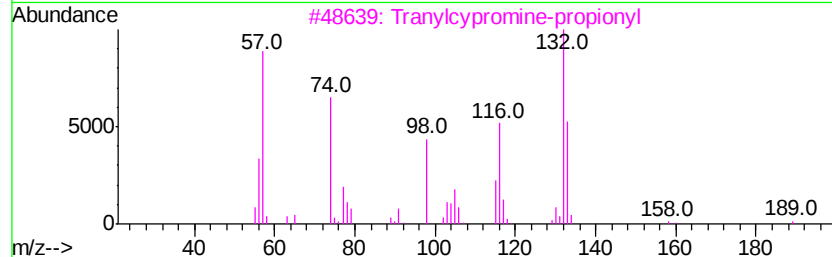
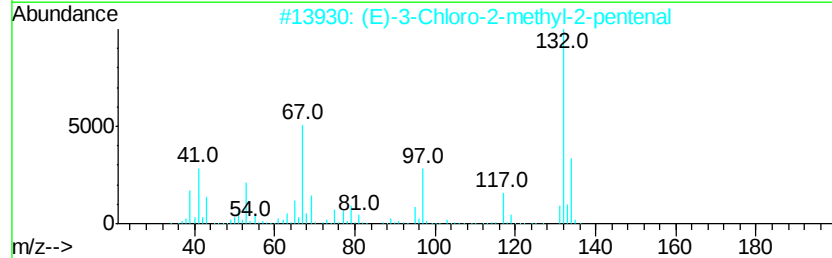
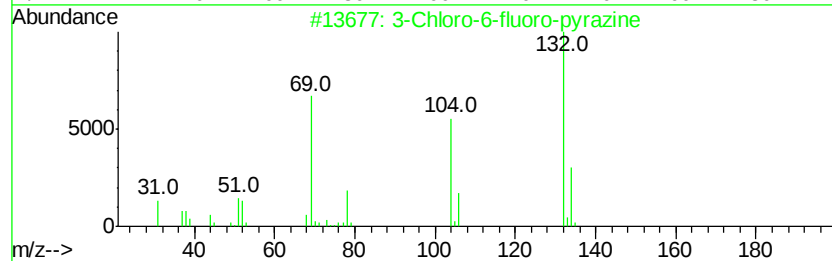
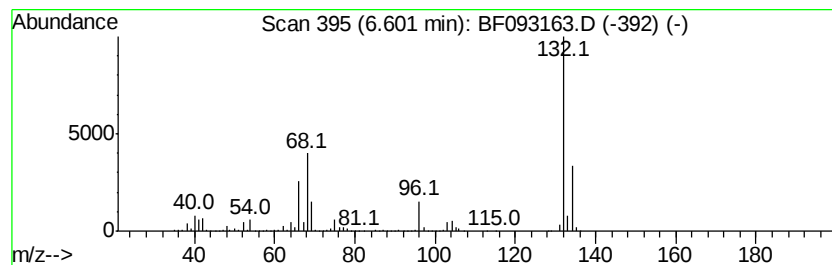
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	85.91 ng	3981390	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		5-Aminoindole	132	C8H8N2	005192-03-0	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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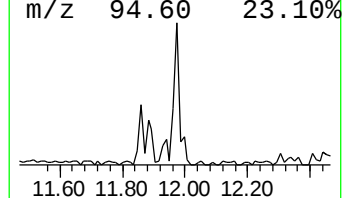
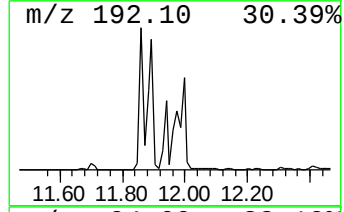
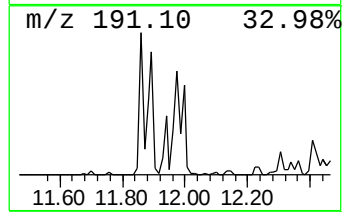
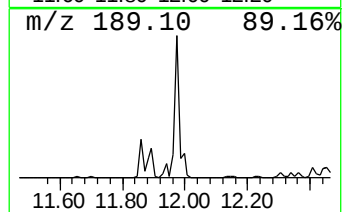
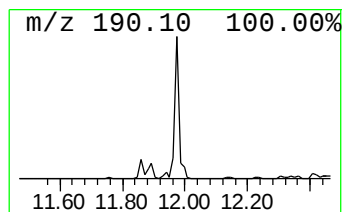
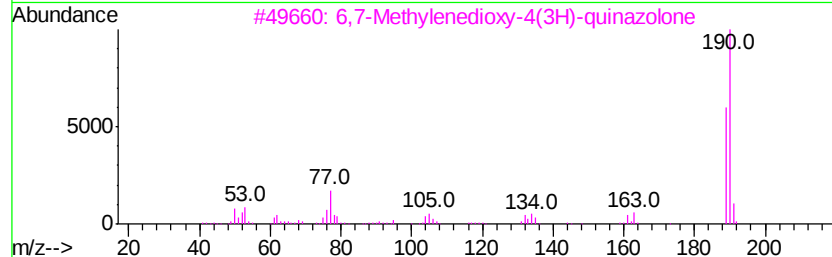
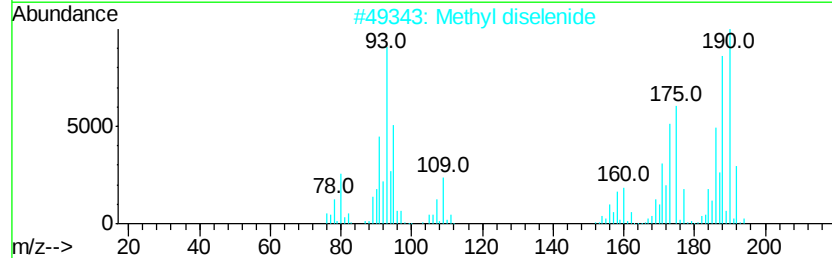
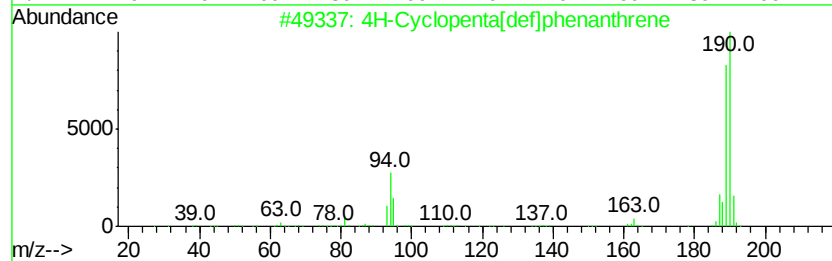
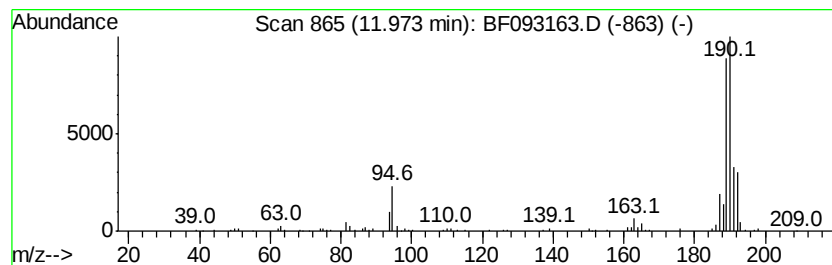
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.78 ng	414244	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		Methyl diselenide	190	C2H6Se2	007101-31-7	49
3		6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	33
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	17
5		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17



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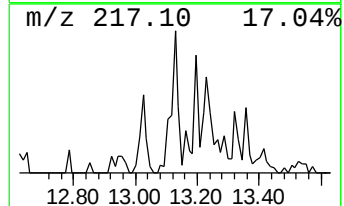
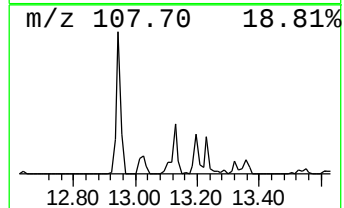
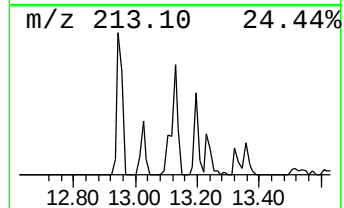
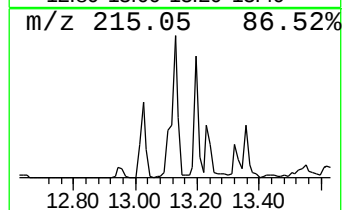
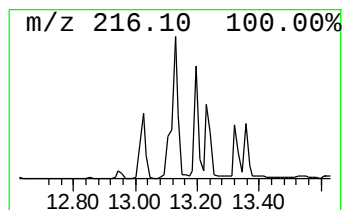
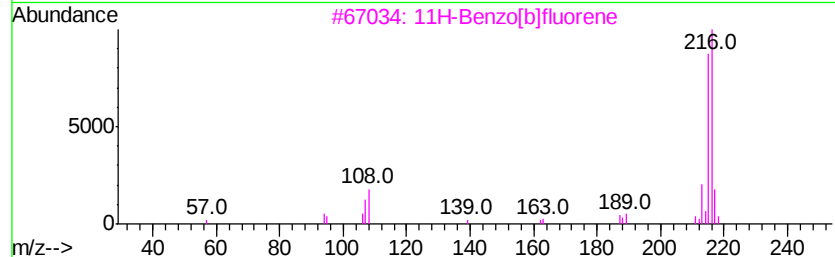
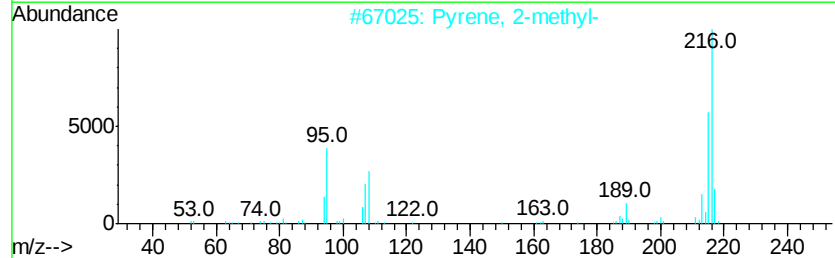
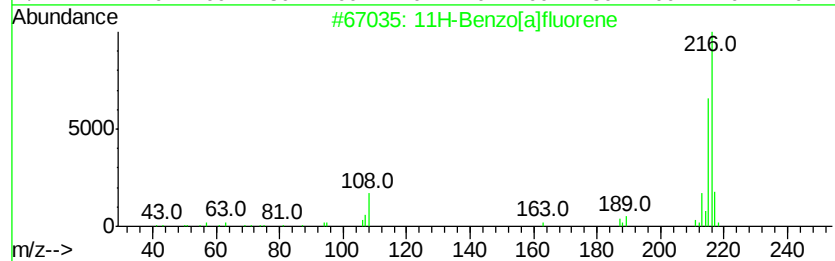
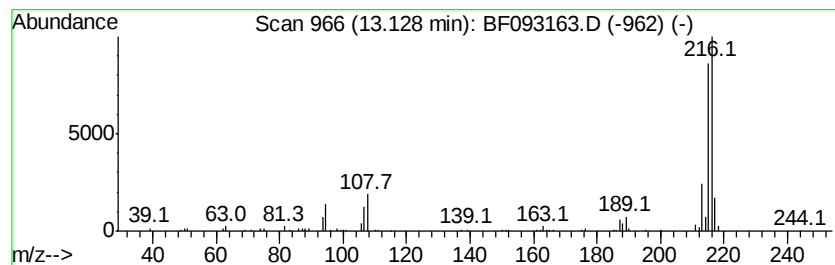
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.20 ng	257895	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093163.D
Acq On : 24 Feb 2017 23:57
Operator : SJ/MA
Sample : I1957-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

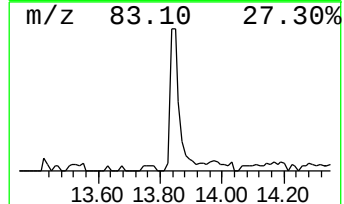
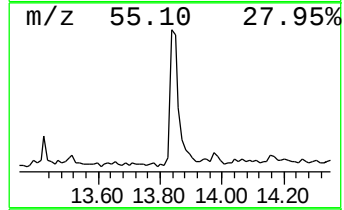
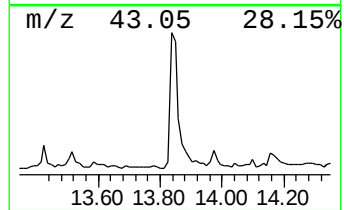
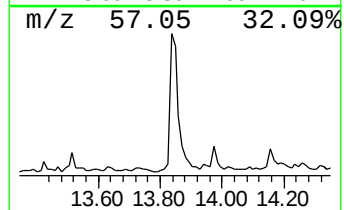
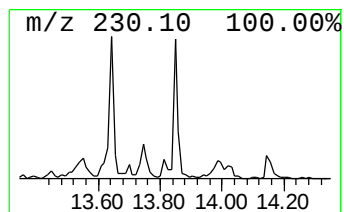
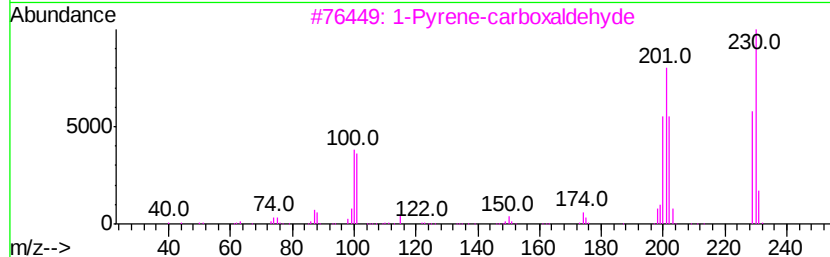
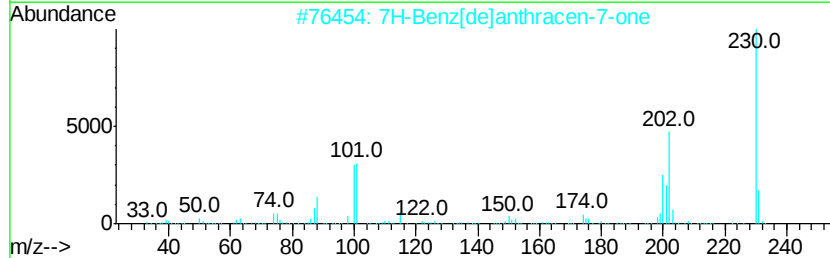
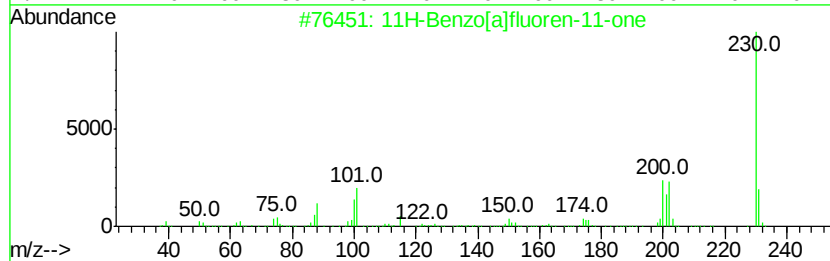
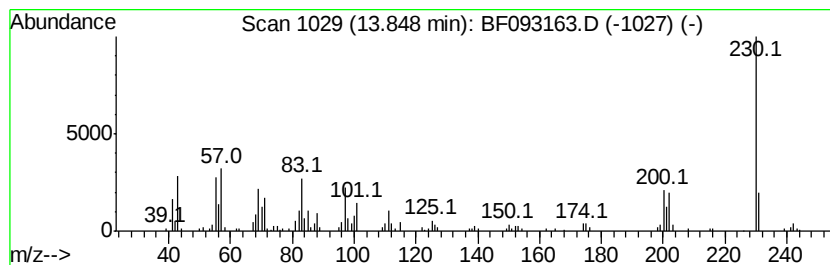
Instrument :
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ClientSampleId :
SRI-SB-6(12-14)20170222

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.85	2.55 ng	298347	Chrysene-d12		14.00		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	62
3			1-Pyrene-carboxaldehyd	230	C17H10O	003029-19-4	53
4			o-Terphenyl	230	C18H14	000084-15-1	47
5			Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093163.D
Acq On : 24 Feb 2017 23:57
Operator : SJ/MA
Sample : I1957-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

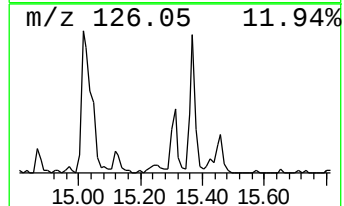
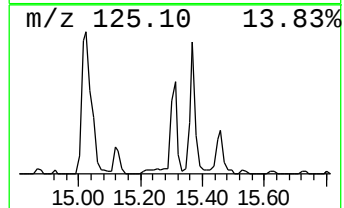
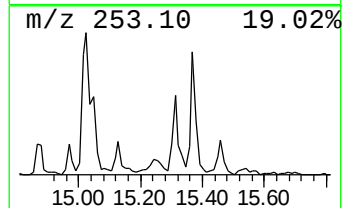
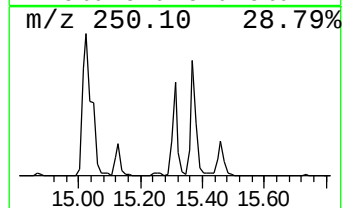
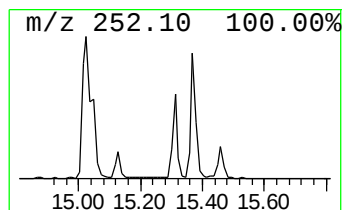
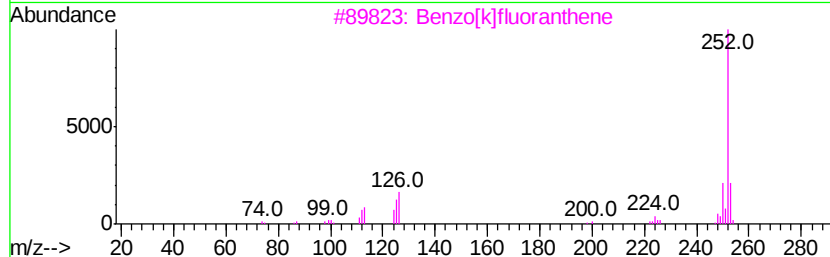
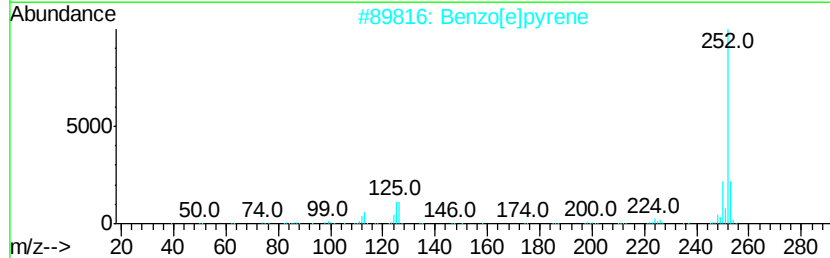
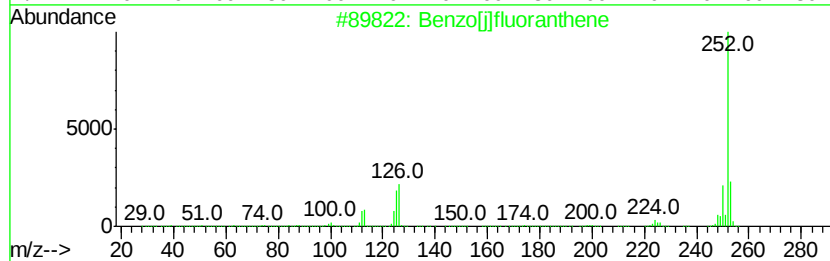
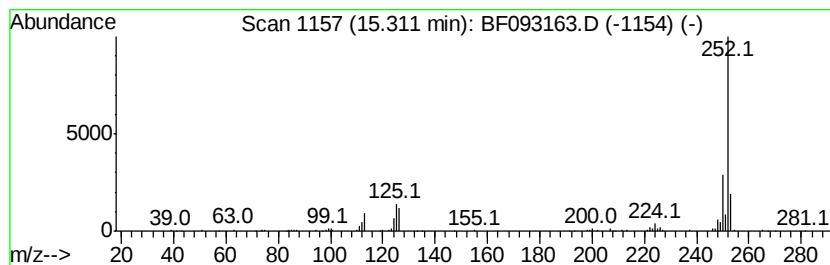
Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(12-14)20170222

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[j]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.31	4.54 ng	227017	Perylene-d12	15.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[i]fluoranthene	252	C20H12	000205-82-3	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093163.D
Acq On : 24 Feb 2017 23:57
Operator : SJ/MA
Sample : I1957-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(12-14)20170222

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	37.1	ng	1717480	1	6.83	926868	20.0
unknown6.60	6.60	85.9	ng	3981390	1	6.83	926868	20.0
4H-Cyclopenta[def...	11.97	2.8	ng	414244	4	11.36	2980140	20.0
11H-Benzo[a]fluorene	13.13	2.2	ng	257895	5	14.00	2342730	20.0
11H-Benzo[a]fluor...	13.85	2.5	ng	298347	5	14.00	2342730	20.0
Benzo[j]fluoranthene	15.31	4.5	ng	227017	6	15.43	999079	20.0