LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088342.D
Acq On : 24 Jun 2016 20:20
Operator : UM/SJ
Sample : H3599-05 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1407(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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.713	10	11	63	rVB	968062	2362678	100.00%	26.452%
2	5.176	313	314	330	rBV	37626	116084	4.91%	1.300%
3	6.262	407	409	416	rBV	52188	135149	5.72%	1.513%
4	6.353	416	417	435	rVV	99348	192985	8.17%	2.161%
5	6.582	435	437	449	rVV	374436	420926	17.82%	4.713%
6	6.742	449	451	467	rVB	86630	140872	5.96%	1.577%
7	7.165	486	488	505	rBB	45051	94081	3.98%	1.053%
8	7.873	548	550	552	rBV	490128	561182	23.75%	6.283%
9	8.948	642	644	646	rBV	235843	214457	9.08%	2.401%
10	9.611	700	702	705	rBV	583654	637038	26.96%	7.132%
11	10.399	769	771	777	rVB2	76466	96598	4.09%	1.081%
12	11.085	829	831	837	rBV2	399881	719298	30.44%	8.053%
13	11.702	883	885	890	rVB2	24978	42778	1.81%	0.479%
14	12.297	934	937	944	rBV	289484	297974	12.61%	3.336%
15	12.525	954	957	959	rBV	179029	269096	11.39%	3.013%
16	12.674	967	970	972	rBV	112114	157981	6.69%	1.769%
17	12.857	982	986	988	rBV	26603	54427	2.30%	0.609%
18	12.914	989	991	993	rVV	22969	25821	1.09%	0.289%
19	12.948	993	994	998	rVV2	19909	37657	1.59%	0.422%
20	13.371	1029	1031	1034	rVV	21834	29171	1.23%	0.327%
21	13.474	1037	1040	1043	rBV2	23285	57777	2.45%	0.647%
22	13.519	1043	1044	1047	rVV2	16510	24284	1.03%	0.272%
23	13.577	1047	1049	1053	rVB2	31219	36685	1.55%	0.411%
24	13.714	1058	1061	1066	rBV2	553478	836394	35.40%	9.364%
25	14.102	1090	1095	1097	rBV	23672	43425	1.84%	0.486%
26	14.228	1104	1106	1109	rVB	14504	29506	1.25%	0.330%
27	14.582	1132	1137	1139	rBV4	17297	33188	1.40%	0.372%
28	14.708	1146	1148	1153	rBV	159371	294107	12.45%	3.293%
29	14.971	1169	1171	1174	rVV	76736	104307	4.41%	1.168%
30	15.028	1174	1176	1178	rVV	85866	121916	5.16%	1.365%
31	15.074	1178	1180	1186	rVB	411403	529007	22.39%	5.923%
32	16.331	1286	1290	1293	rBV	41147	87814	3.72%	0.983%
33	16.697	1319	1322	1328	rVB	32639	66193	2.80%	0.741%
34	18.206	1448	1454	1458	rBV4	11430	61146	2.59%	0.685%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H3599-05 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PM-STA-1407(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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

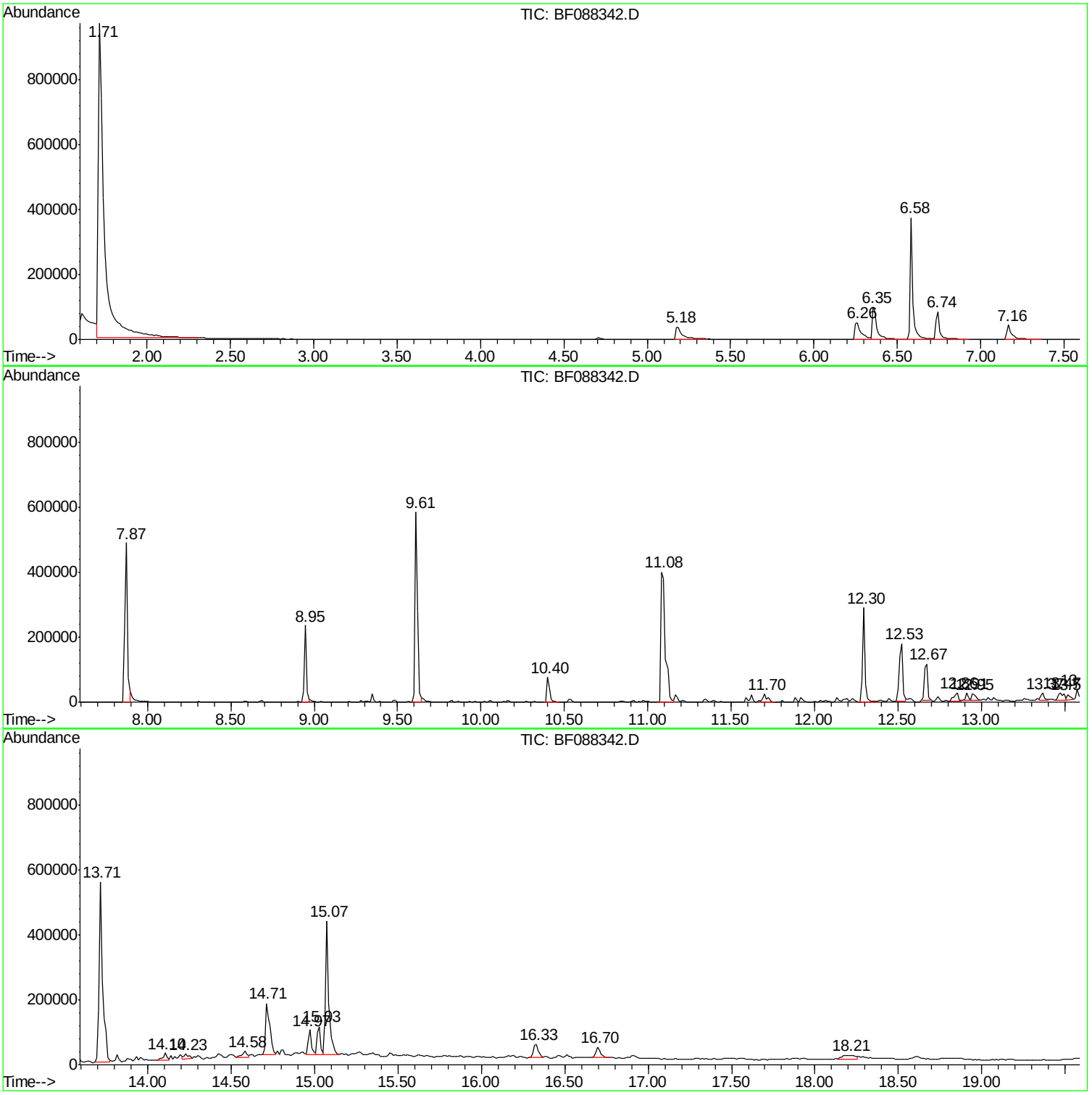
Sum of corrected areas: 8932002

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088342.D
Acq On : 24 Jun 2016 20:20
Operator : UM/SJ
Sample : H3599-05 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PM-STA-1407(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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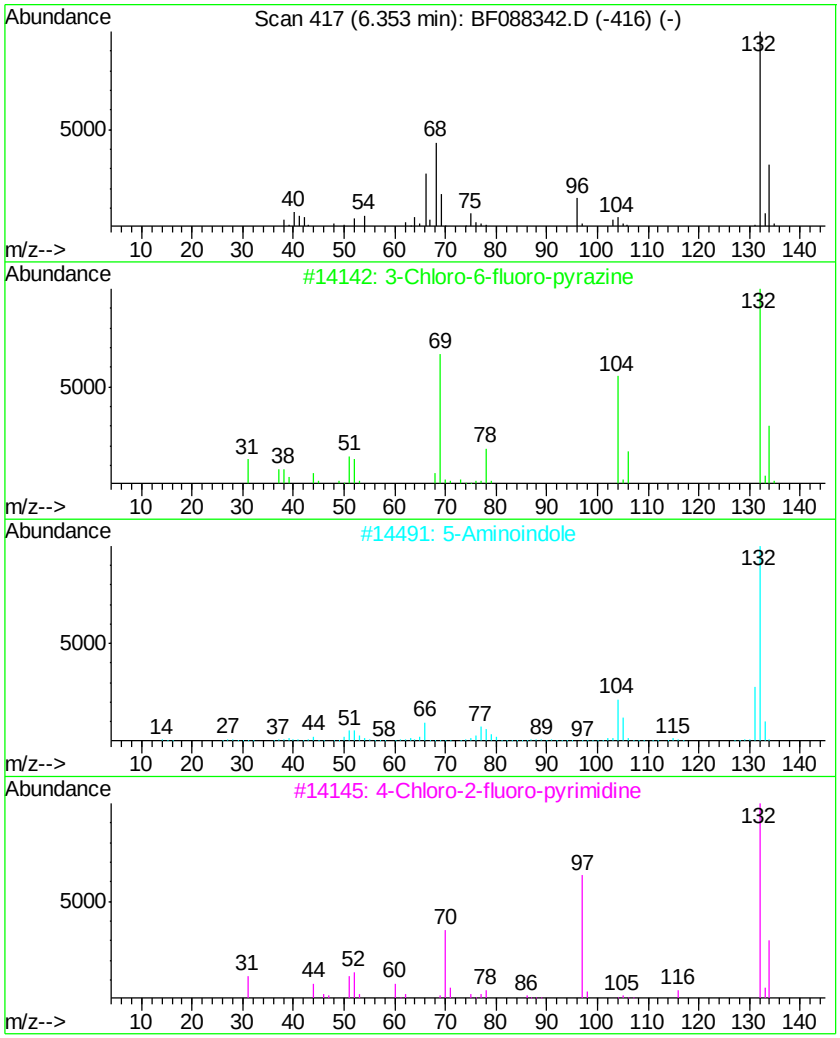
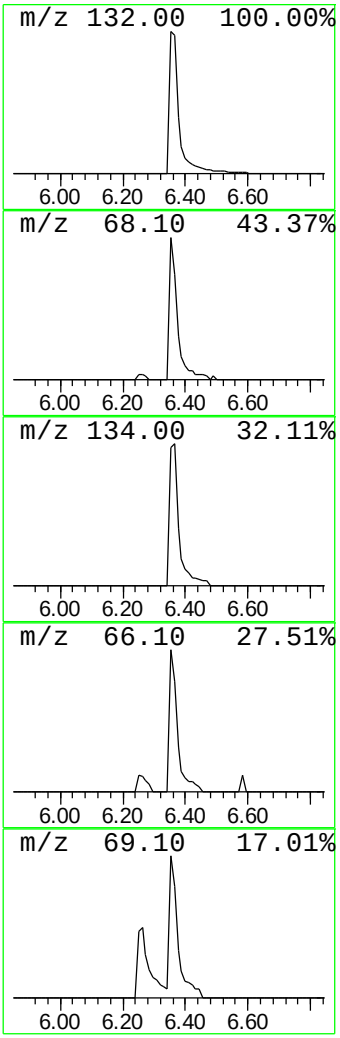
Peak Number 2 unknown6.35 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	9.17 ng	192985	1,4-Dichlorobenzene-d4	6.58

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	10
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	1-Aminoindan	133	C9H11N	034698-41-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088342.D
Acq On : 24 Jun 2016 20:20
Operator : UM/SJ
Sample : H3599-05 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1407(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

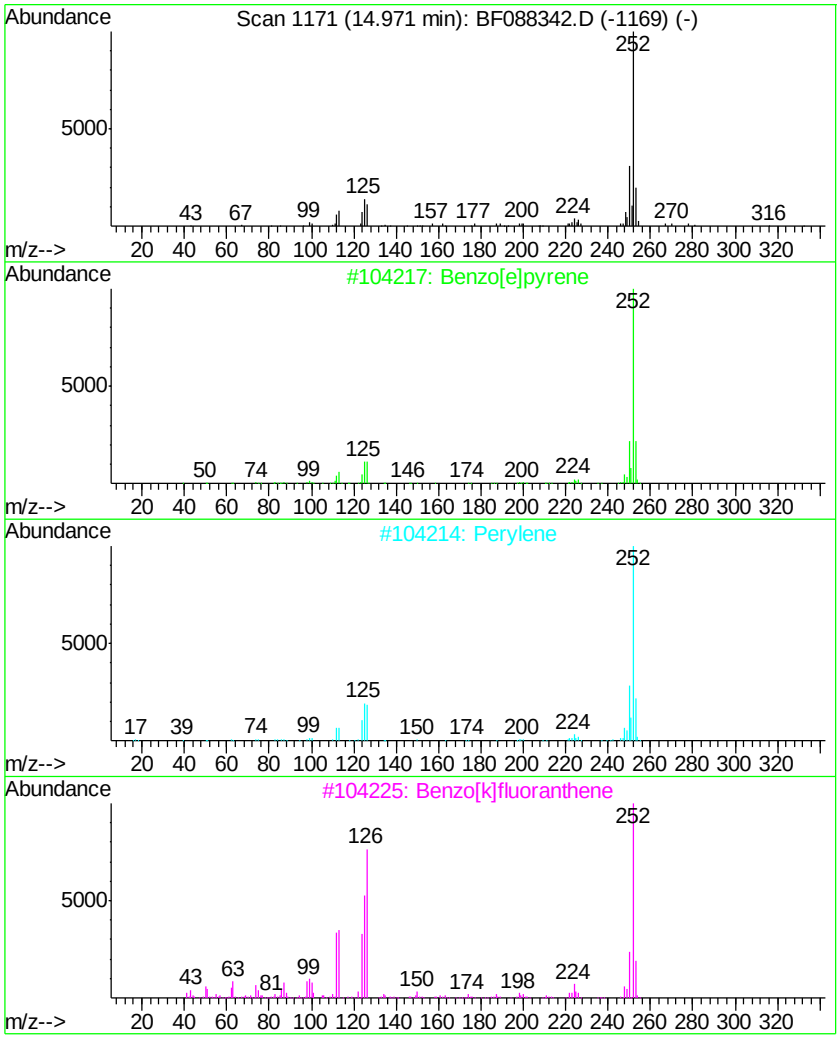
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

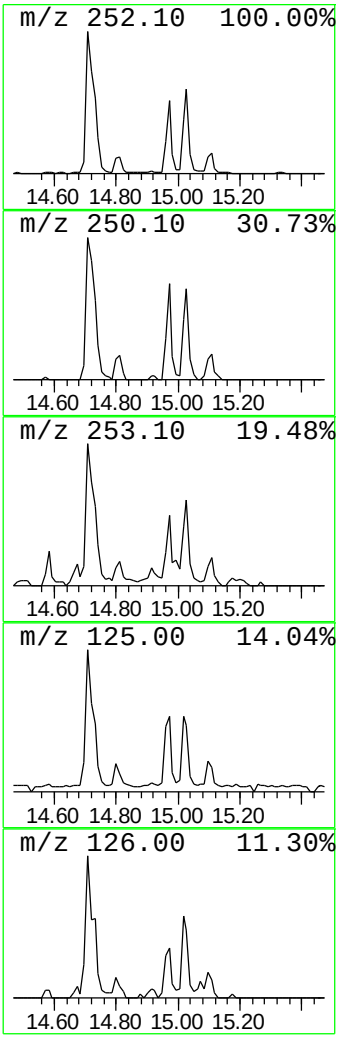
****

Peak Number 4 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	3.94 ng	104307	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





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Operator : UM/SJ
Sample : H3599-05 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1407(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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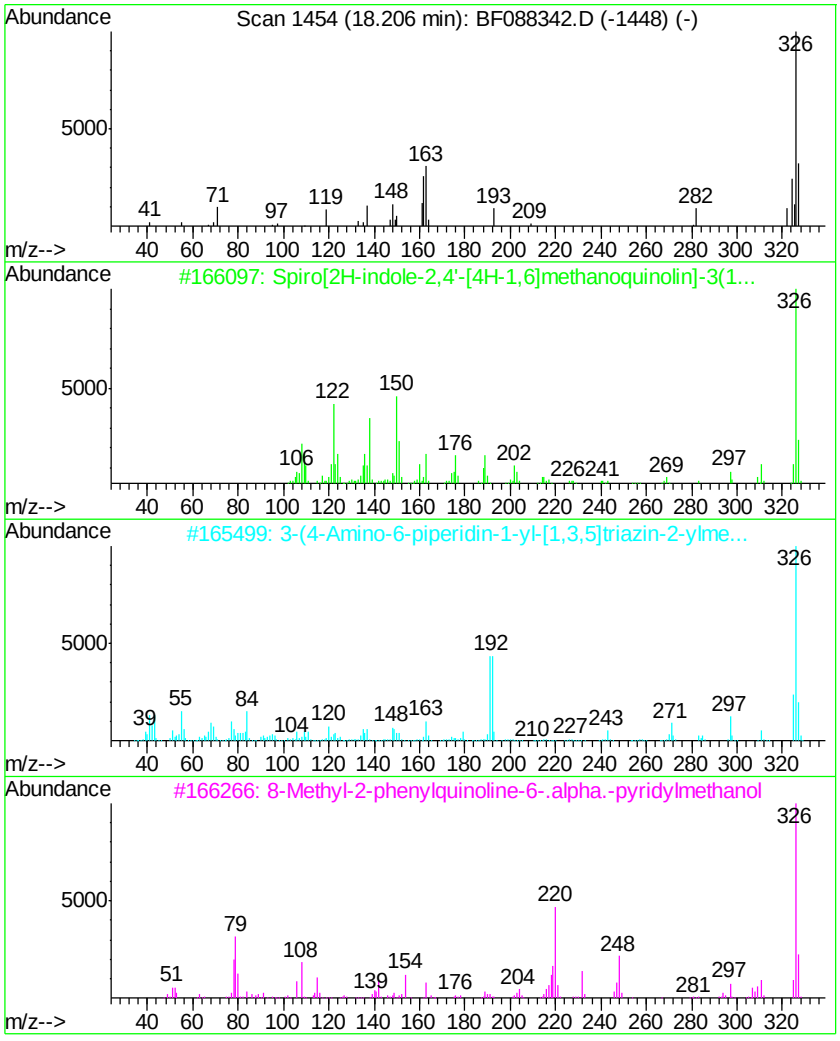
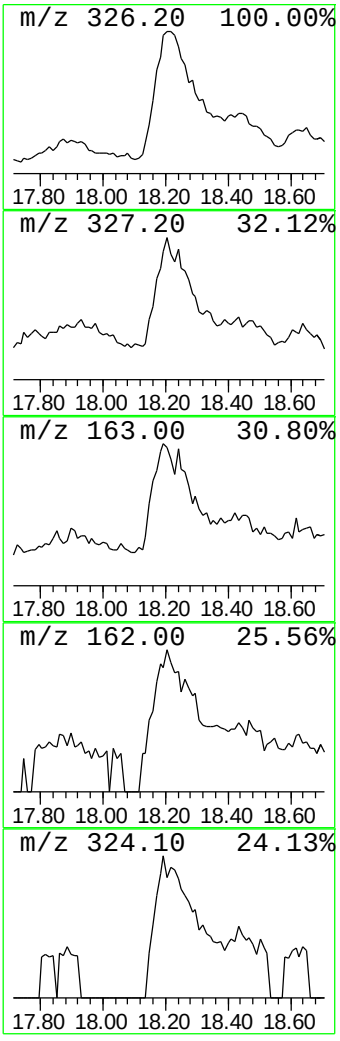
Peak Number 5 unknown18.21 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	2.31 ng	61146	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[2H-indole-2,4'-[4H-1,6]met...	326	C20H26N2O2	000468-11-1	38
2	3-(4-Amino-6-piperidin-1-yl-[1,3...	326	C16H18N6O2	1000275-96-8	37
3	8-Methyl-2-phenylquinoline-6-.al...	326	C22H18N2O	035871-94-4	32
4	3-Anilino-1,5-diphenyl-1,5-dihyd...	326	C22H18N2O	1000332-71-4	25
5	Dihydroxymethyl tribenzocentrotr...	326	C23H18O2	350981-69-0	9





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.35	6.35	9.2	ng	192985	1	6.58	420926	20.0
Benzo[e]pyrene	14.97	3.9	ng	104307	6	15.07	529007	20.0
unknown18.21	18.21	2.3	ng	61146	6	15.07	529007	20.0