LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
Data File : BF088800.D
Acq On : 8 Jul 2016 1:32
Operator : UM/SJ
Sample : H3889-04 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-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-BF063016.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	1.827	19	21	60	rVB	1712153	4625961	100.00%	27.546%
2	5.324	324	327	329	rBV	268539	270180	5.84%	1.609%
3	6.376	417	419	421	rBV	210691	288174	6.23%	1.716%
4	6.502	428	430	433	rBV	370075	302594	6.54%	1.802%
5	6.742	449	451	453	rBV	612669	529238	11.44%	3.151%
6	6.890	462	464	467	rVB	199331	222684	4.81%	1.326%
7	7.302	497	500	502	rBV	223087	185687	4.01%	1.106%
8	8.022	561	563	566	rBV	550661	625126	13.51%	3.722%
9	9.108	655	658	660	rVB	258077	286310	6.19%	1.705%
10	9.496	690	692	695	rBV	198264	212632	4.60%	1.266%
11	9.782	714	717	718	rBV	545894	573599	12.40%	3.416%
12	9.805	718	719	721	rVB	77375	75313	1.63%	0.448%
13	10.559	783	785	788	rBV	153769	131533	2.84%	0.783%
14	11.131	831	835	839	rBV2	46363	65035	1.41%	0.387%
15	11.256	843	846	847	rVV	592133	530589	11.47%	3.159%
16	11.325	850	852	854	rVB	87233	91304	1.97%	0.544%
17	11.485	862	866	868	rBV	71875	69502	1.50%	0.414%
18	11.782	891	892	895	rVV	61841	50678	1.10%	0.302%
19	11.862	898	899	904	rVB	74852	98674	2.13%	0.588%
20	12.068	913	917	919	rVB	49991	75450	1.63%	0.449%
21	12.468	949	952	954	rVB	710020	769059	16.62%	4.579%
22	12.685	968	971	974	rBV2	539843	756376	16.35%	4.504%
23	12.834	983	984	987	rVB2	215760	241806	5.23%	1.440%
24	12.914	987	991	992	rBV	42152	73662	1.59%	0.439%
25	13.017	994	1000	1002	rBV	112869	174570	3.77%	1.039%
26	13.085	1004	1006	1007	rVV	80159	71079	1.54%	0.423%
27	13.119	1007	1009	1010	rVV	61789	58751	1.27%	0.350%
28	13.428	1031	1036	1041	rBV2	15957	60385	1.31%	0.360%
29	13.519	1041	1044	1047	rBV	67962	102890	2.22%	0.613%
30	13.634	1051	1054	1055	rBV2	94104	128223	2.77%	0.764%
31	13.657	1055	1056	1061	rVB2	43497	110594	2.39%	0.659%
32	13.885	1071	1076	1077	rBV2	788079	1134634	24.53%	6.756%
33	13.988	1083	1085	1087	rVB	81873	70861	1.53%	0.422%
34	14.102	1093	1095	1097	rVB2	29999	46972	1.02%	0.280%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
Data File : BF088800.D
Acq On : 8 Jul 2016 1:32
Operator : UM/SJ
Sample : H3889-04 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-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-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.274	1108	1110	1111	rVB	40116	50868	1.10%	0.303%
36	14.388	1115	1120	1124	rBV4	66662	202640	4.38%	1.207%
37	14.571	1133	1136	1137	rBV3	31689	48257	1.04%	0.287%
38	14.742	1147	1151	1154	rBV2	33629	93701	2.03%	0.558%
39	14.800	1154	1156	1158	rVV2	57265	67432	1.46%	0.402%
40	14.891	1161	1164	1168	rBV	289719	625784	13.53%	3.726%
41	14.982	1169	1172	1173	rBV2	115481	130079	2.81%	0.775%
42	15.154	1185	1187	1190	rVB	161546	219945	4.75%	1.310%
43	15.211	1190	1192	1195	rBV	246015	290386	6.28%	1.729%
44	15.268	1195	1197	1204	rVB2	329478	533772	11.54%	3.178%
45	15.497	1215	1217	1221	rVB2	46849	80028	1.73%	0.477%
46	15.714	1233	1236	1239	rVV	103468	182288	3.94%	1.085%
47	15.771	1239	1241	1245	rVV	36955	67587	1.46%	0.402%
48	16.434	1294	1299	1303	rBV4	33361	114817	2.48%	0.684%
49	16.583	1309	1312	1316	rBV2	96765	169582	3.67%	1.010%
50	16.743	1324	1326	1329	rVV2	34501	66529	1.44%	0.396%
51	16.983	1343	1347	1352	rBV	63061	140942	3.05%	0.839%
52	17.131	1355	1360	1362	rBV5	29138	91040	1.97%	0.542%
53	18.034	1436	1439	1446	rVB6	32137	106677	2.31%	0.635%
54	19.006	1518	1524	1532	rVB2	108460	401180	8.67%	2.389%

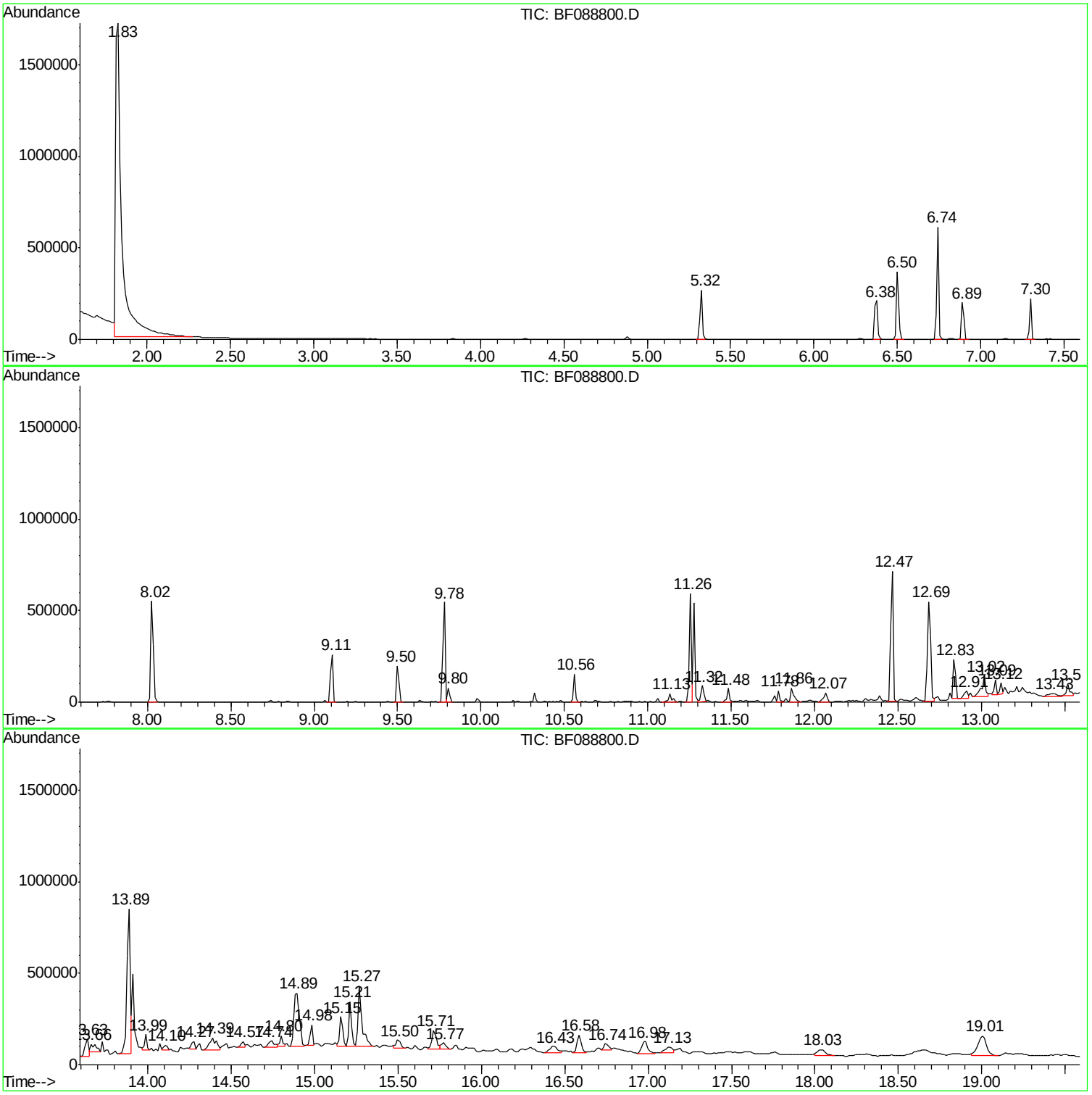
Sum of corrected areas: 16793659

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
Data File : BF088800.D
Acq On : 8 Jul 2016 1:32
Operator : UM/SJ
Sample : H3889-04 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
Data File : BF088800.D
Acq On : 8 Jul 2016 1:32
Operator : UM/SJ
Sample : H3889-04 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

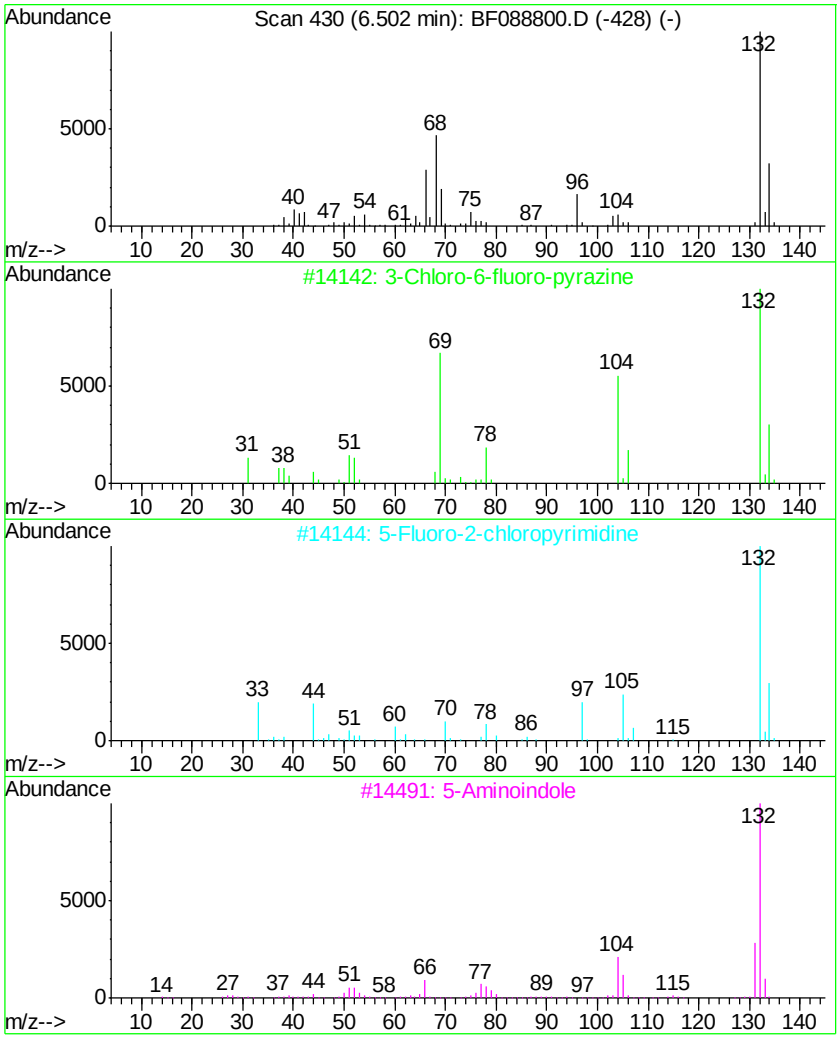
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

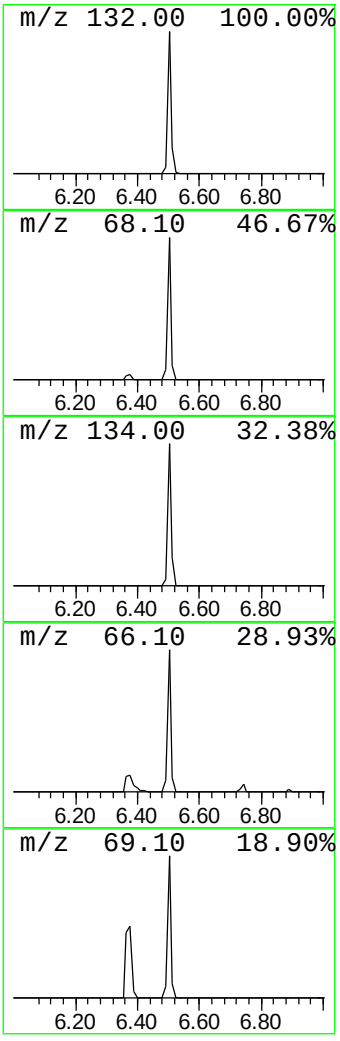
****

Peak Number 2 unknown6.50 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	11.44 ng	302594	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
Data File : BF088800.D
Acq On : 8 Jul 2016 1:32
Operator : UM/SJ
Sample : H3889-04 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

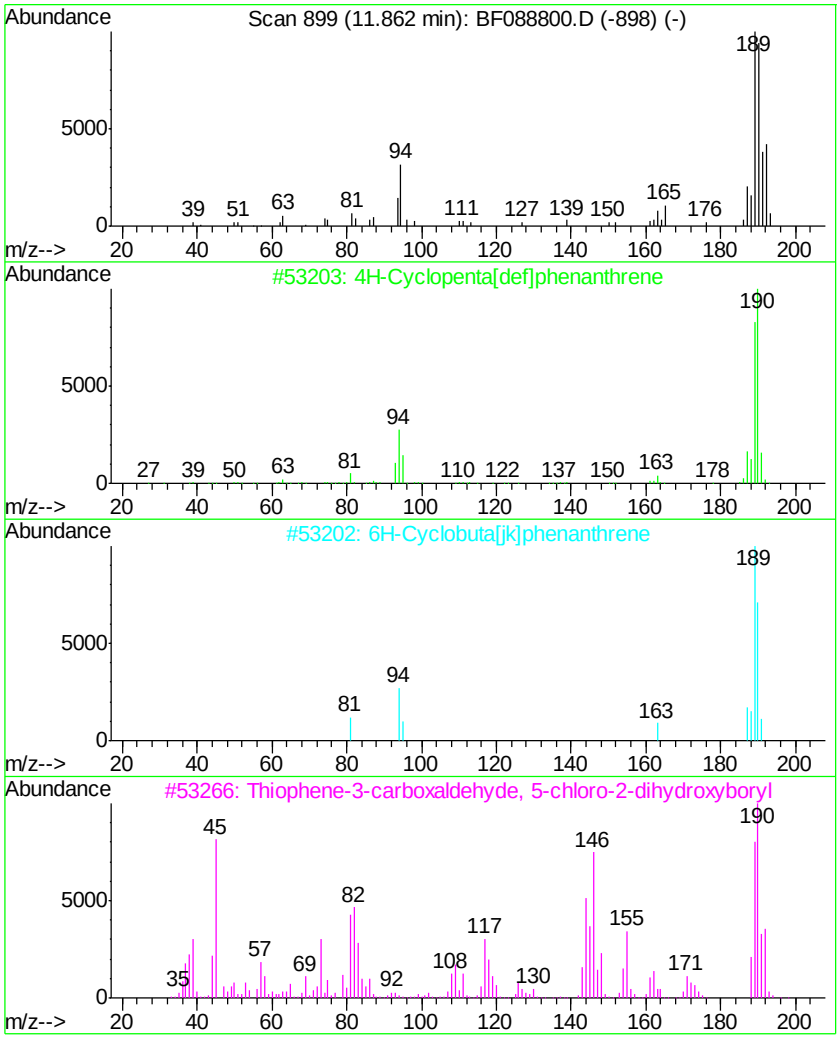
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

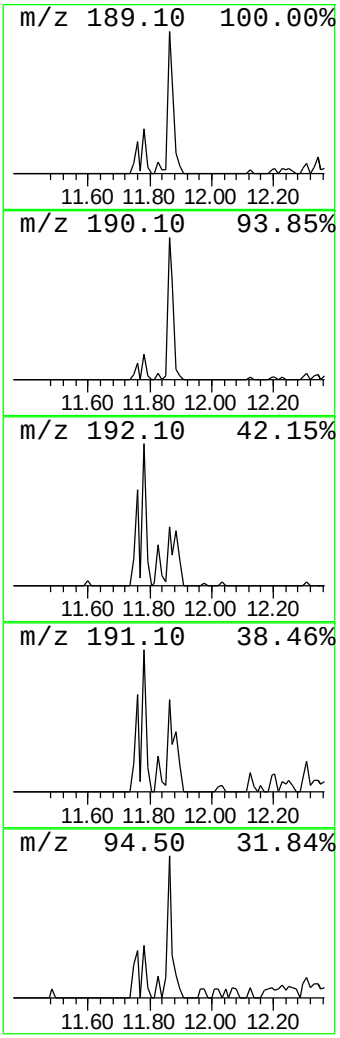
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.72 ng	98674	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
Data File : BF088800.D
Acq On : 8 Jul 2016 1:32
Operator : UM/SJ
Sample : H3889-04 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

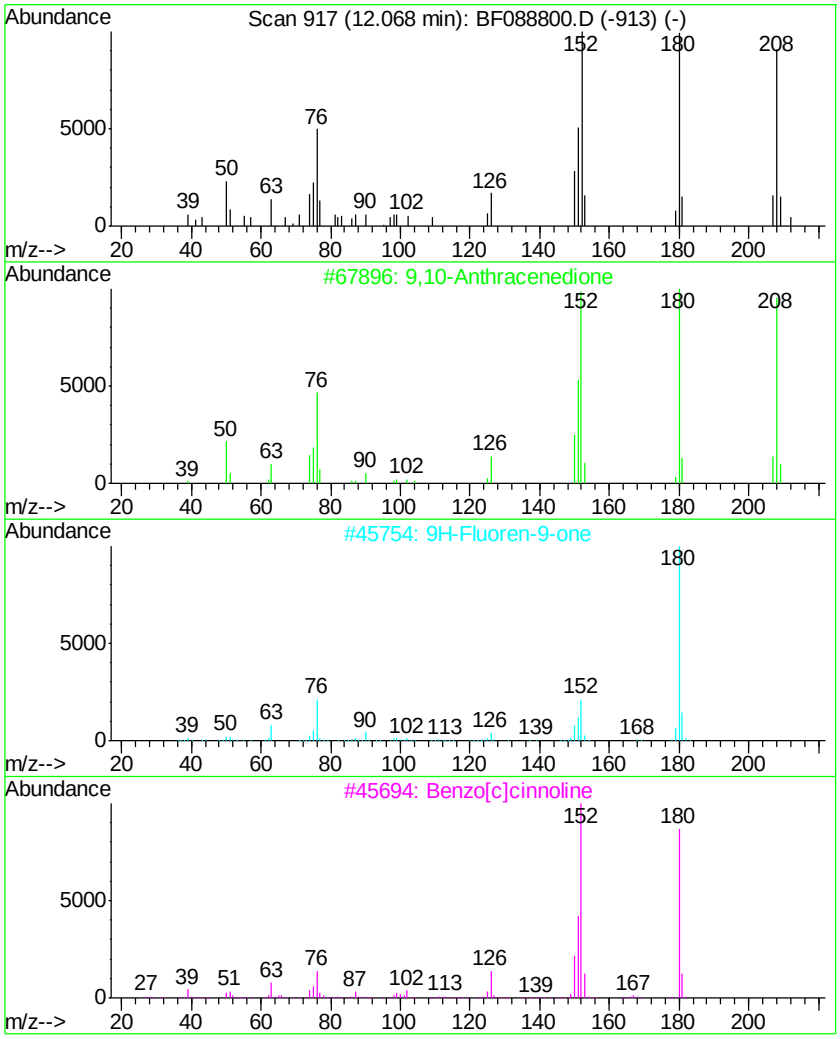
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

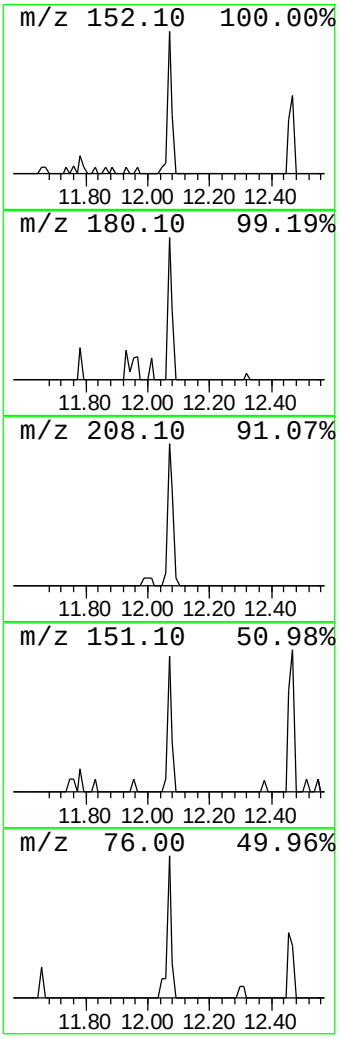
****

Peak Number 6 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	2.84 ng	75450	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	92
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	53
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
Data File : BF088800.D
Acq On : 8 Jul 2016 1:32
Operator : UM/SJ
Sample : H3889-04 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

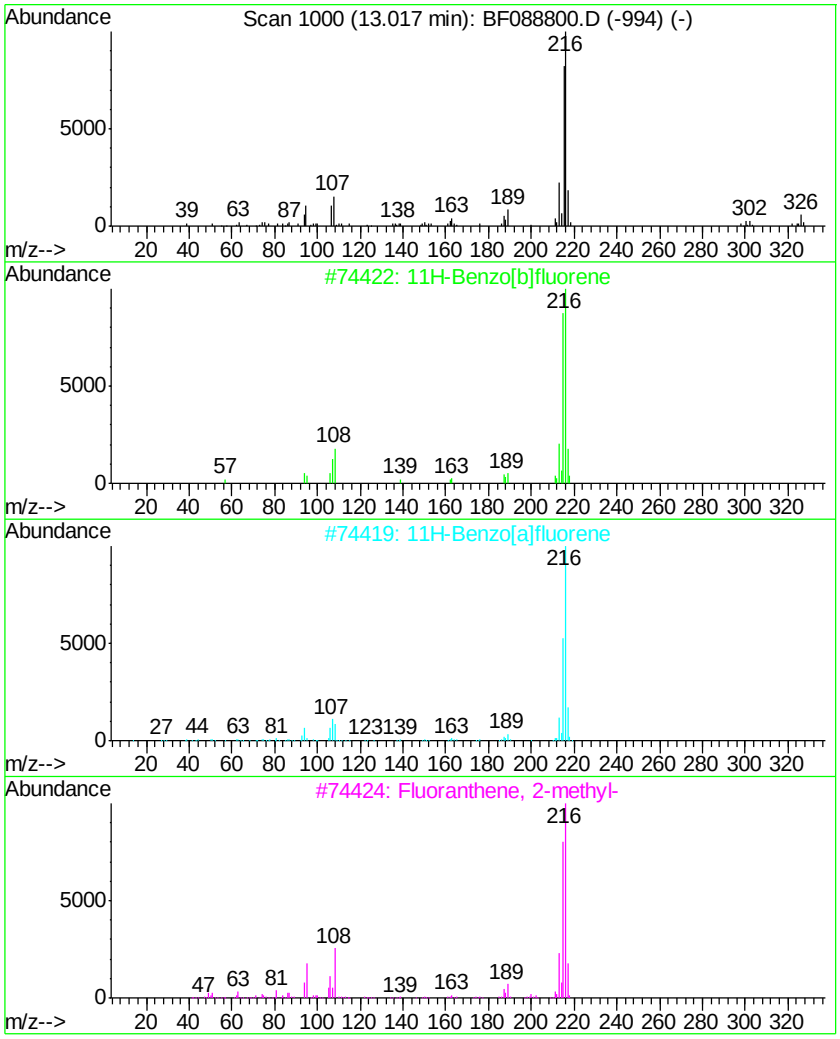
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

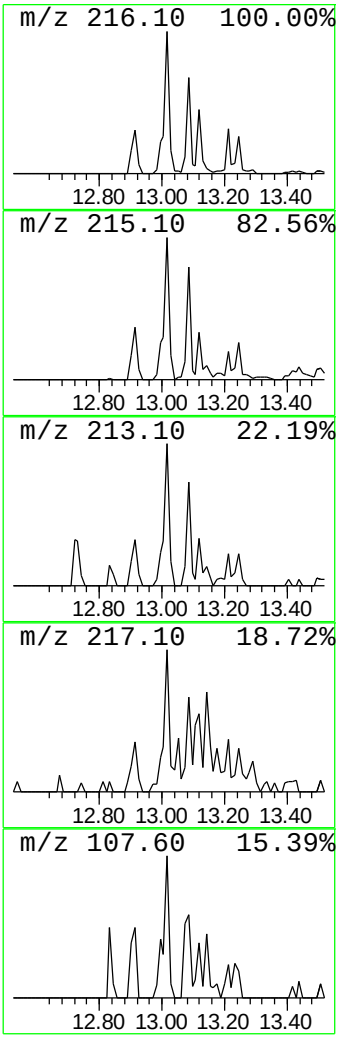
****

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	3.08 ng	174570	Chrysene-d12	13.89

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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
Data File : BF088800.D
Acq On : 8 Jul 2016 1:32
Operator : UM/SJ
Sample : H3889-04 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

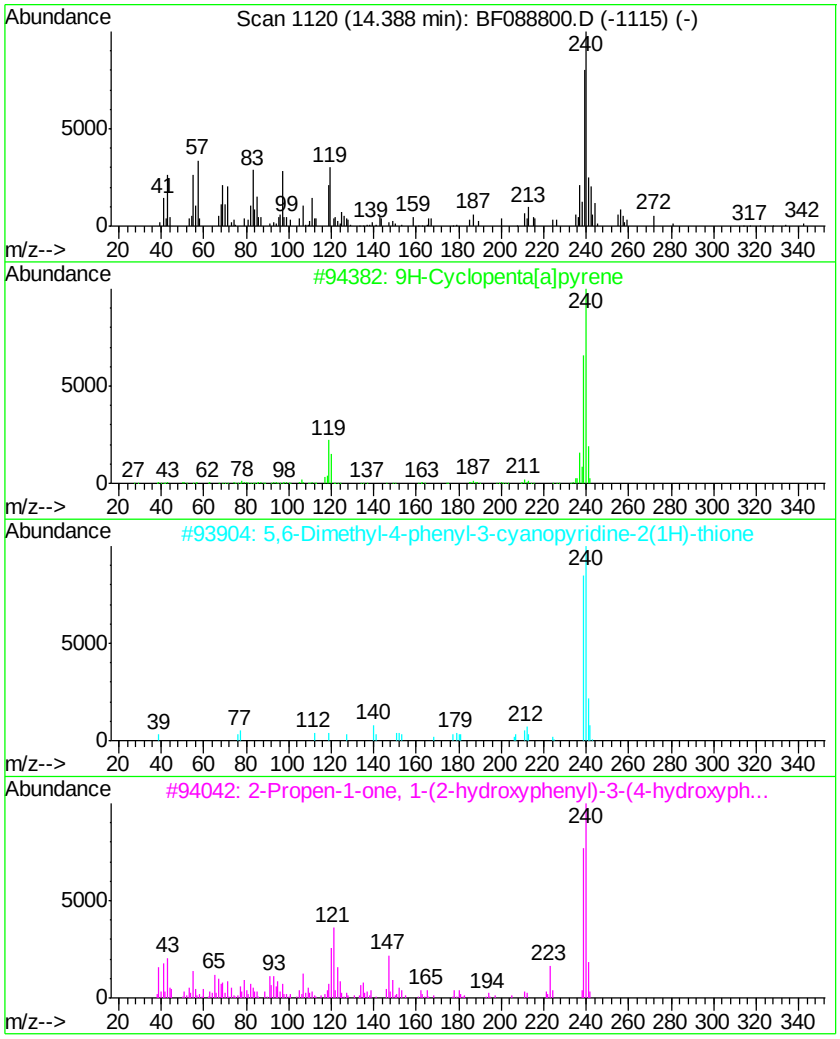
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

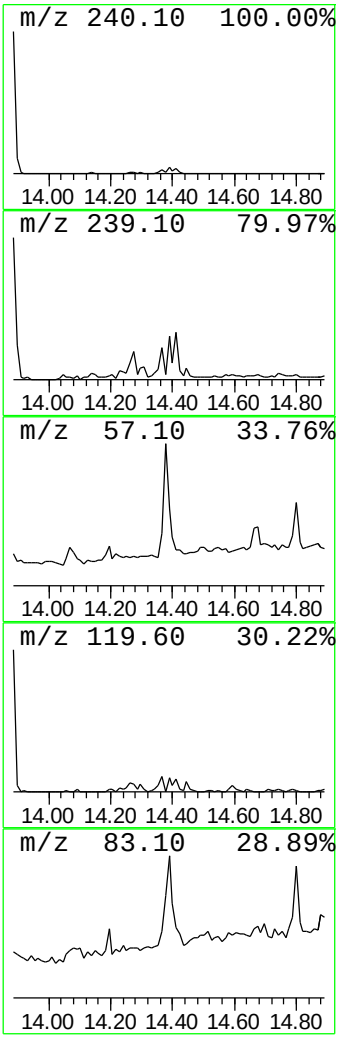
****

Peak Number 8 9H-Cyclopenta[a]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	3.57 ng	202640	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	76
2	5,6-Dimethyl-4-phenyl-3-cyanopyr...	240	C14H12N2S	094639-18-6	47
3	2-Propen-1-one, 1-(2-hydroxyphen...	240	C15H12O3	013323-66-5	47
4	9-Amino-10,10-dimethyl-9,10-dihy...	240	C14H16N2Si	092973-65-4	38
5	5-Methyl-4-(1-naphthyl)-2-thiazo...	240	C14H12N2S	107411-05-2	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
Data File : BF088800.D
Acq On : 8 Jul 2016 1:32
Operator : UM/SJ
Sample : H3889-04 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

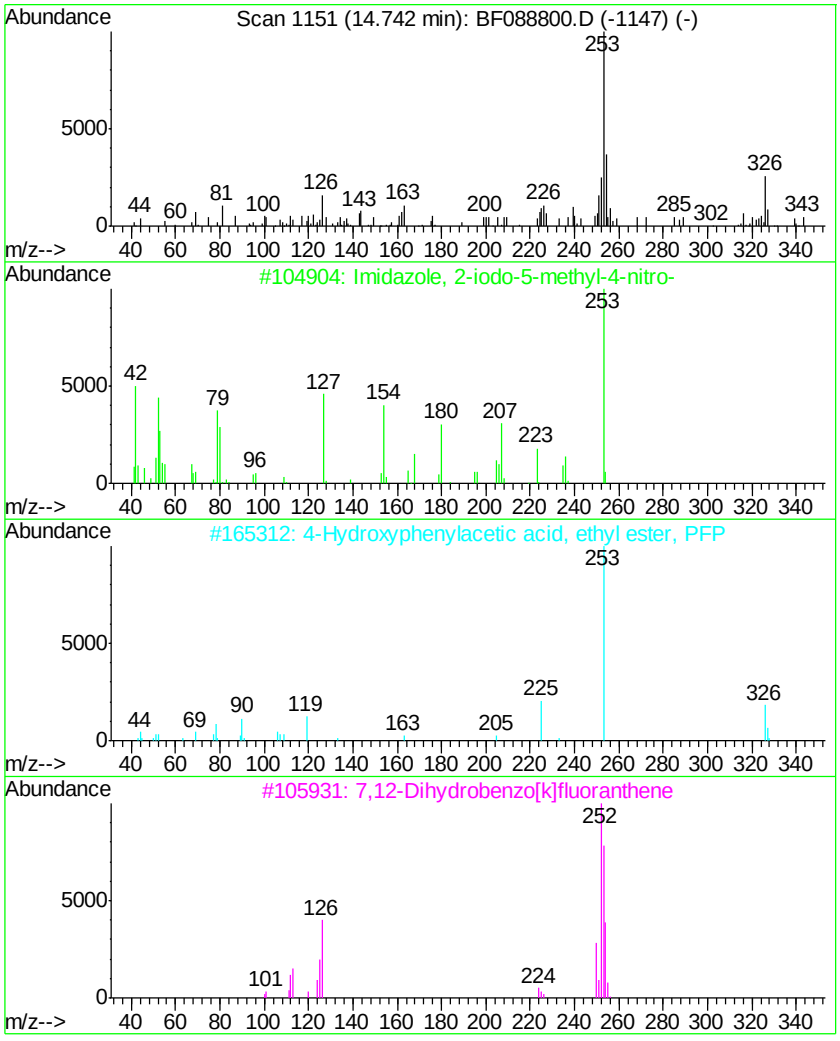
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

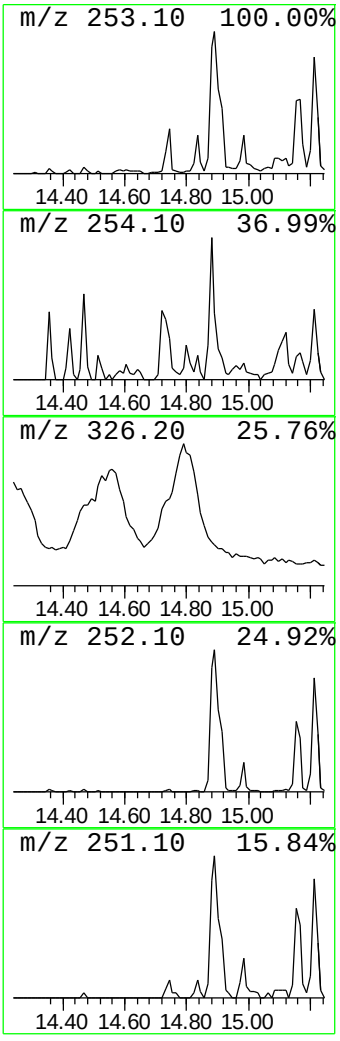
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Imidazole, 2-iodo-5-methyl-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	3.51 ng	93701	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	83
2	4-Hydroxyphenylacetic acid, ethy...	326	C13H11F5O4	1000071-81-4	49
3	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	47
4	2-Propen-1-one, 3-(4-aminophenyl...	253	C16H15NO2	1000319-48-4	47
5	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
Data File : BF088800.D
Acq On : 8 Jul 2016 1:32
Operator : UM/SJ
Sample : H3889-04 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

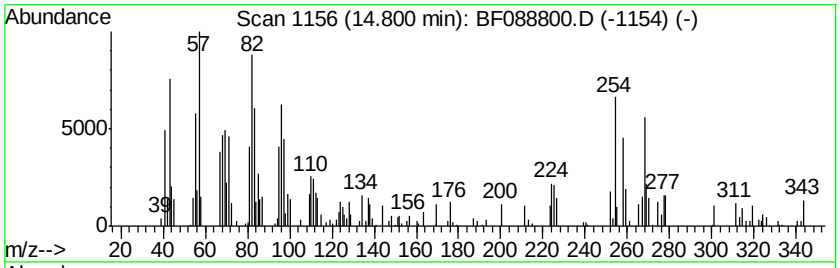
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

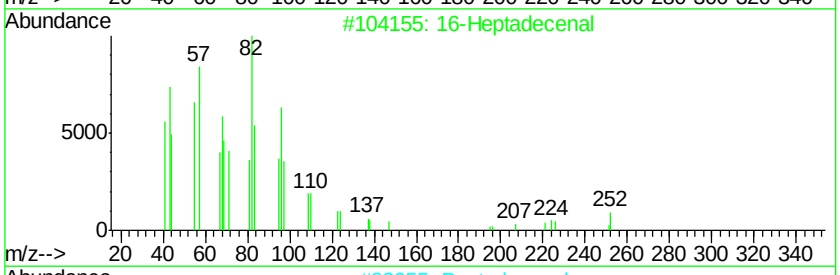
****

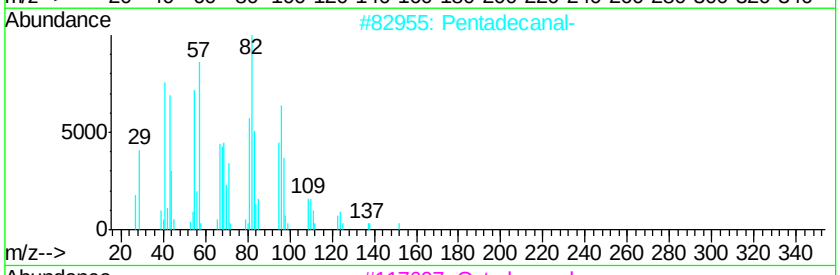
Peak Number 10 16-Heptadecenal Concentration Rank 18

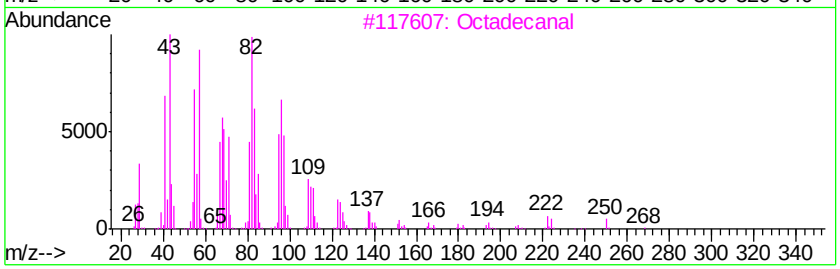
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.53 ng	67432	Perylene-d12	15.27

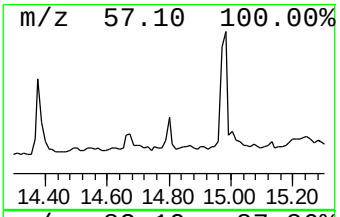
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Heptadecenal	252	C17H32O	1000144-57-9	55
2	Pentadecanal-	226	C15H30O	002765-11-9	55
3	Octadecanal	268	C18H36O	000638-66-4	46
4	Cyclopentadecanone	224	C15H28O	000502-72-7	43
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	38

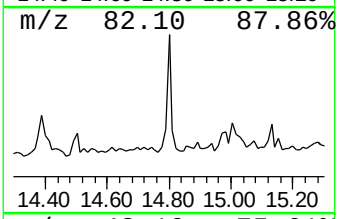


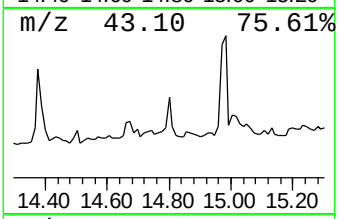


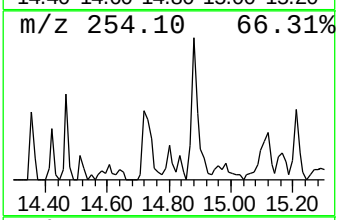


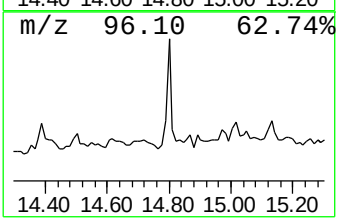












Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
Data File : BF088800.D
Acq On : 8 Jul 2016 1:32
Operator : UM/SJ
Sample : H3889-04 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

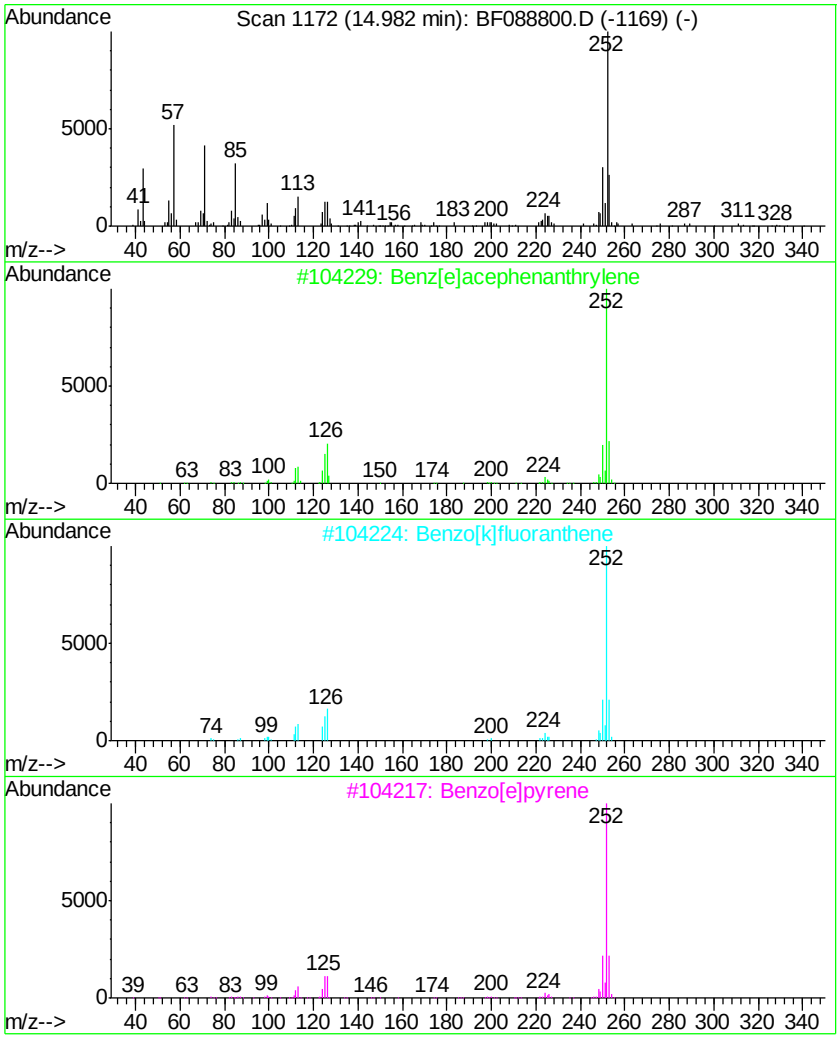
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

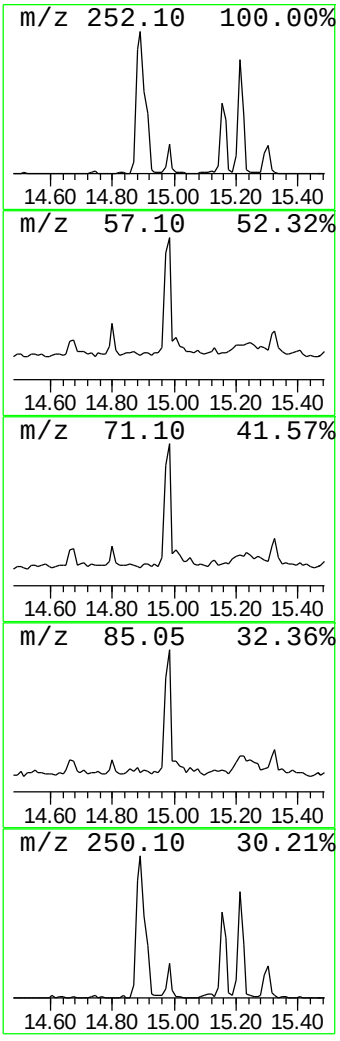
****

Peak Number 11 Benz[e]acephenanthrylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	4.87 ng	130079	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	86
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	83
3	Benzo[e]pyrene	252	C20H12	000192-97-2	76
4	Benzo[a]pyrene	252	C20H12	000050-32-8	72
5	Perylene	252	C20H12	000198-55-0	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
Data File : BF088800.D
Acq On : 8 Jul 2016 1:32
Operator : UM/SJ
Sample : H3889-04 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

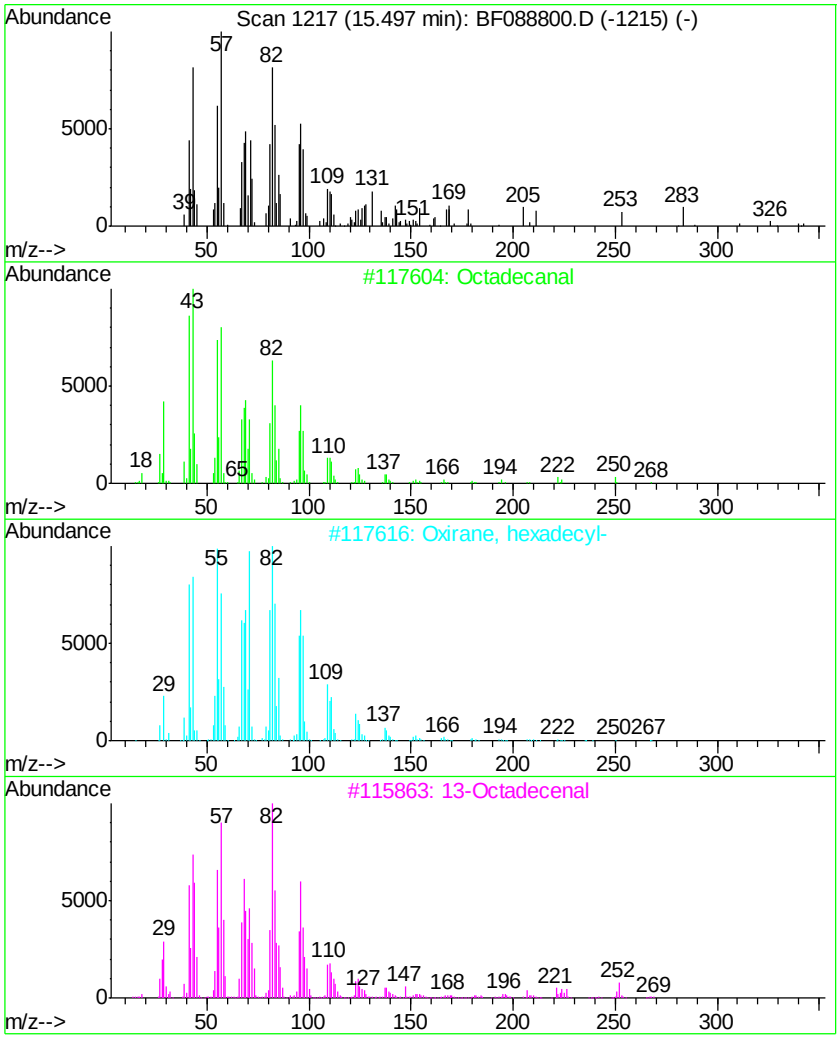
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

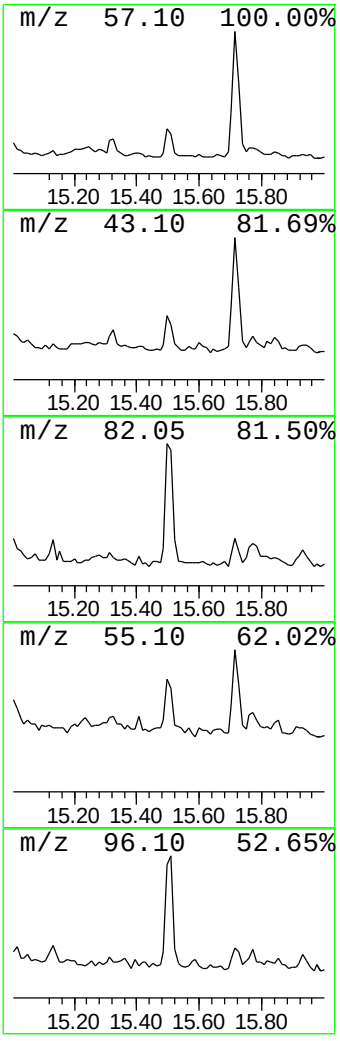
****

Peak Number 13 Octadecanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	3.00 ng	80028	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
3	13-Octadecenal	266	C18H34O	056554-90-6	90
4	14-Octadecenal	266	C18H34O	056554-89-3	80
5	Hexadecanal	240	C16H32O	000629-80-1	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
Data File : BF088800.D
Acq On : 8 Jul 2016 1:32
Operator : UM/SJ
Sample : H3889-04 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

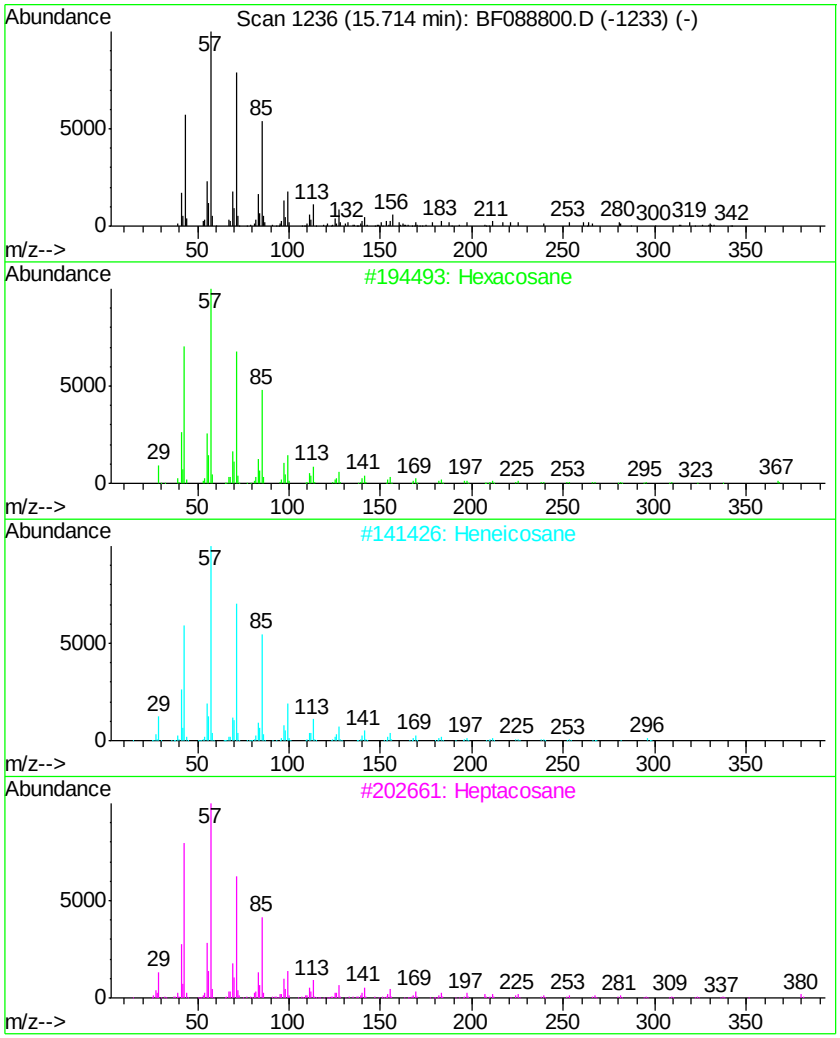
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

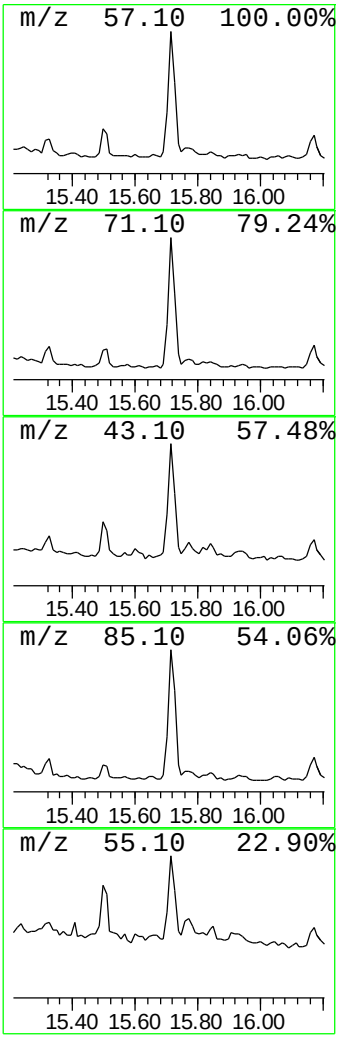
****

Peak Number 14 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	6.83 ng	182288	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
Data File : BF088800.D
Acq On : 8 Jul 2016 1:32
Operator : UM/SJ
Sample : H3889-04 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

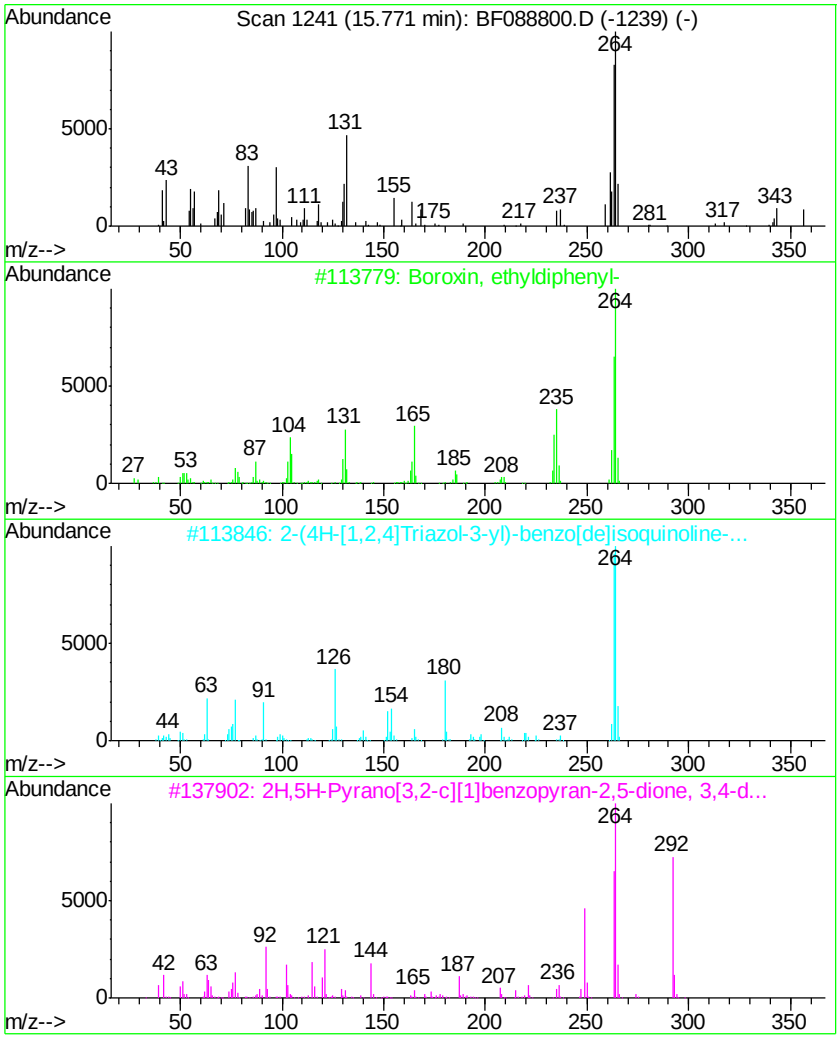
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

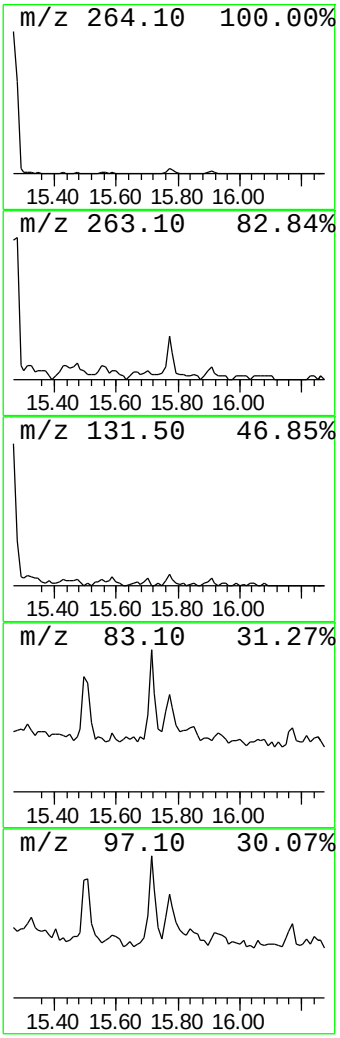
****

Peak Number 15 Boroxin, ethyldiphenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	2.53 ng	67587	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	53
2	2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	38
3	2H,5H-Pyrano[3,2-c][1]benzopyran...	292	C18H12O4	1000319-83-9	28
4	2-Oxo-6-phenyl-4-(4-hydroxyphenyl...	264	C16H12N2O2	161200-20-0	12
5	2-Methyl-6-phenylimidazo[2,1-b]-...	263	C11H9N3Se	034602-63-6	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
Data File : BF088800.D
Acq On : 8 Jul 2016 1:32
Operator : UM/SJ
Sample : H3889-04 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

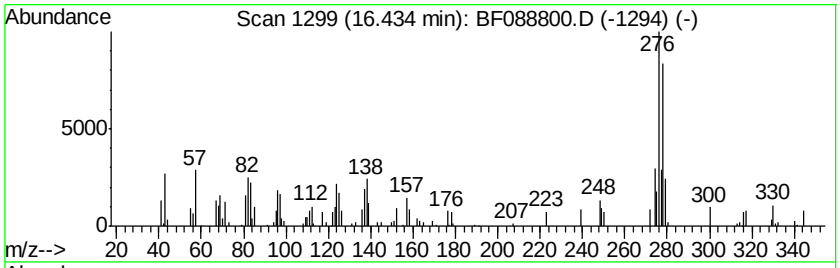
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

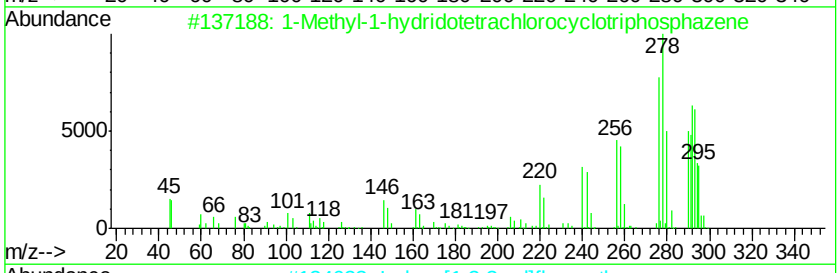
****

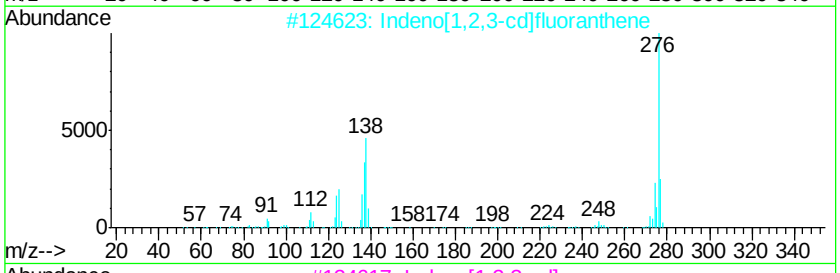
Peak Number 16 unknown16.43 Concentration Rank 8

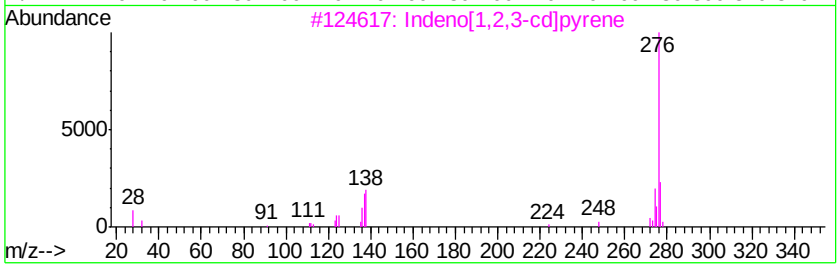
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	4.30 ng	114817	Perylene-d12	15.27

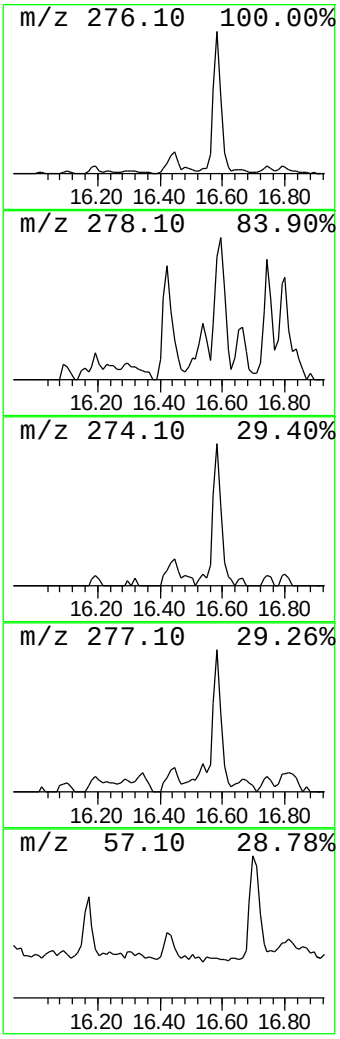
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-1-hydridotetrachlorocyc...	291	CH4Cl4N3P3	068351-74-6	47
2	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	42
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	38
4	Estra-1,3,5,7,9,15-hexaen-17-one...	278	C19H18O2	056588-53-5	35
5	Pyridine-3-carbonitrile, 2-oxo-4...	278	C16H10N2OS	1000304-72-3	35











Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
Data File : BF088800.D
Acq On : 8 Jul 2016 1:32
Operator : UM/SJ
Sample : H3889-04 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

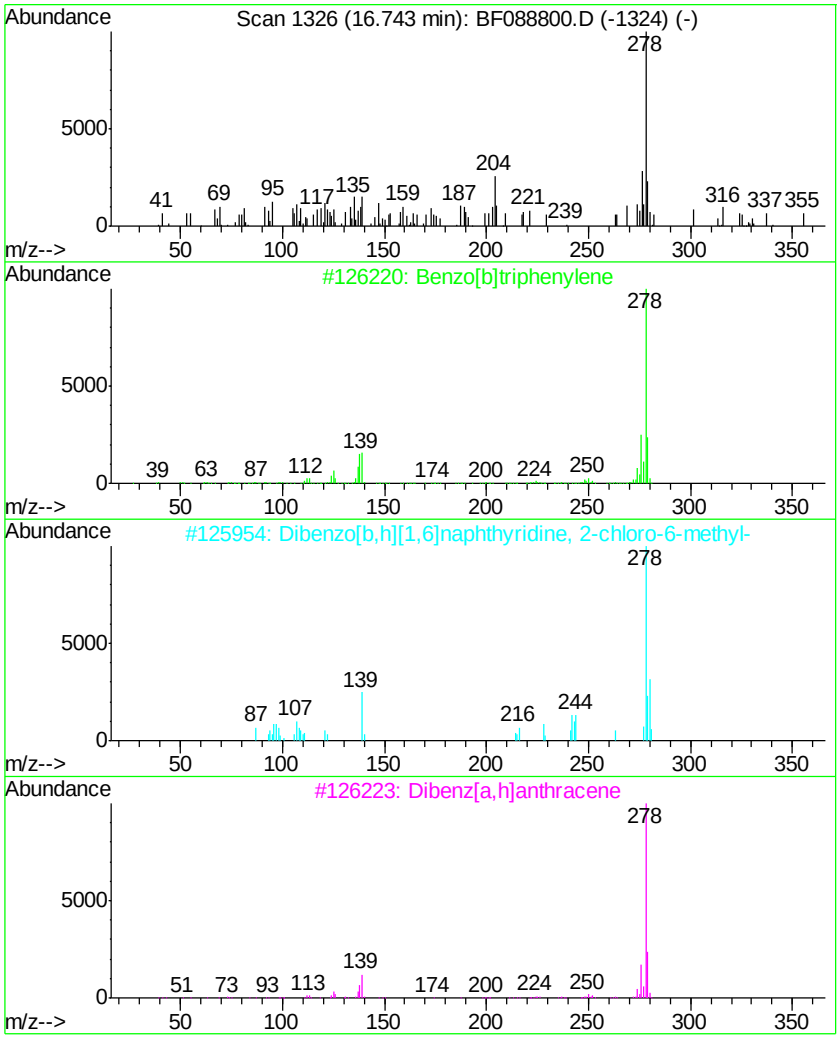
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

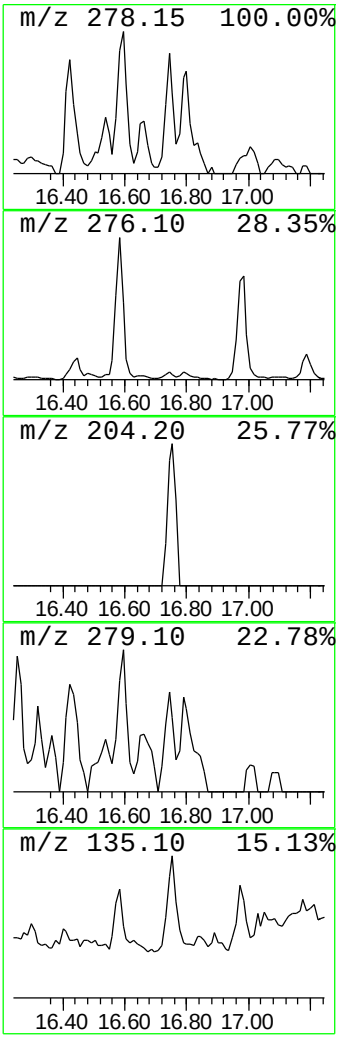
****

Peak Number 17 Benzo[b]triphenylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	2.49 ng	66529	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	60
2	Dibenzo[b,h][1,6]naphthyridine, ...	278	C17H11ClN2	004240-91-9	49
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	49
4	Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	49
5	10H-Phenoxaphosphine, 8-fluoro-1...	278	C14H12FO3P	037041-13-7	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
Data File : BF088800.D
Acq On : 8 Jul 2016 1:32
Operator : UM/SJ
Sample : H3889-04 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

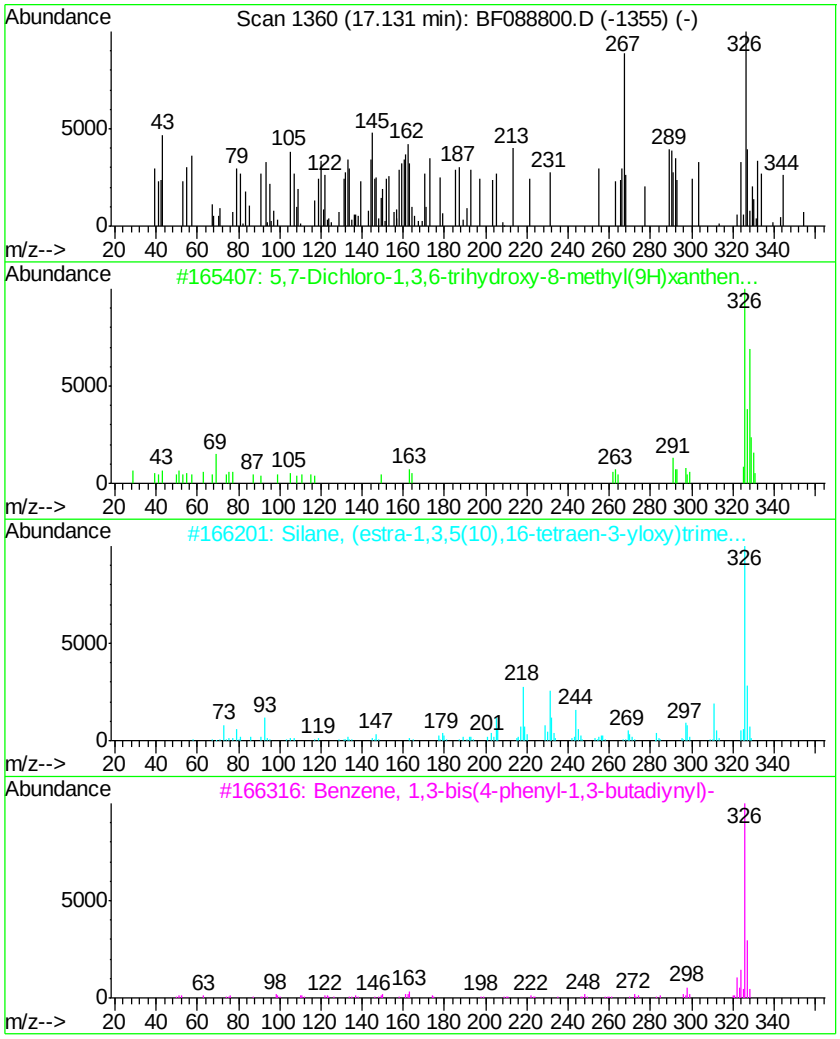
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

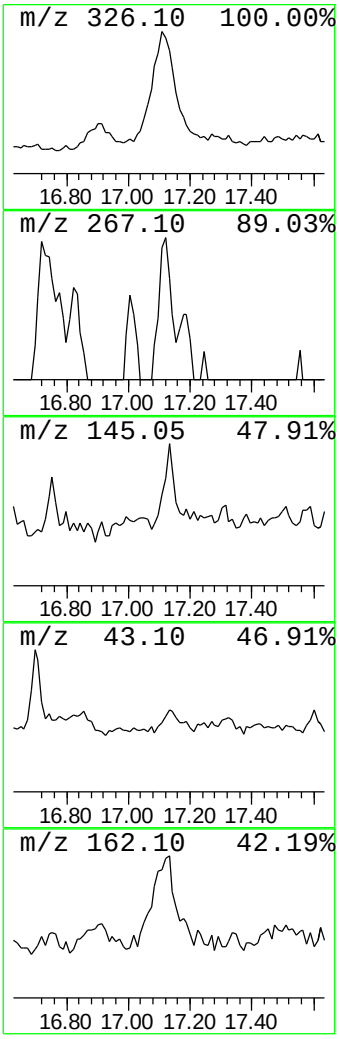
****

Peak Number 18 unknown17.13 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	3.41 ng	91040	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,7-Dichloro-1,3,6-trihydroxy-8-...	326	C14H8Cl2O5	1000075-80-6	22
2	Silane, (estra-1,3,5(10),16-tetr...	326	C21H30OSi	069688-27-3	18
3	Benzene, 1,3-bis(4-phenyl-1,3-bu...	326	C26H14	037902-13-9	14
4	3-Anilino-1,5-diphenyl-1,5-dihyd...	326	C22H18N2O	1000332-71-4	14
5	Titanium, (.eta.(8)-cyclooctatet...	267	C17H15Ti	054538-57-7	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
Data File : BF088800.D
Acq On : 8 Jul 2016 1:32
Operator : UM/SJ
Sample : H3889-04 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

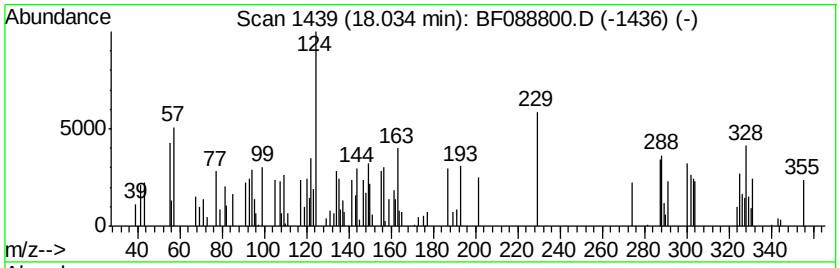
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

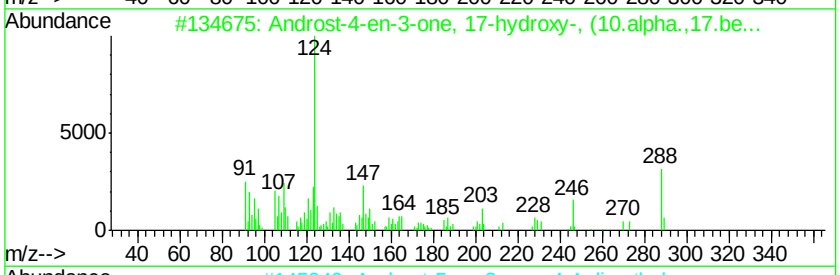
****

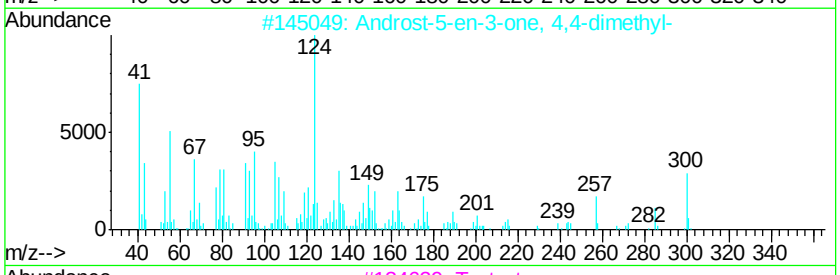
Peak Number 19 unknown18.03 Concentration Rank 9

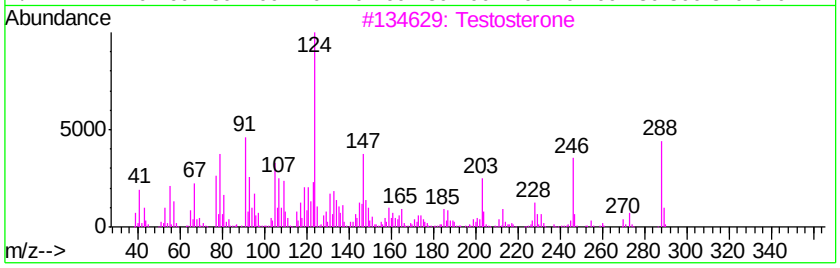
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	4.00 ng	106677	Perylene-d12	15.27

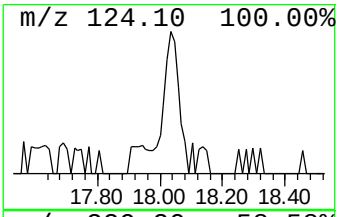
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	25
2	Androst-5-en-3-one, 4,4-dimethyl-	300	C21H32O	005062-43-1	22
3	Testosterone	288	C19H28O2	000058-22-0	15
4	Acetamide, 2-(4-methoxyphenoxy)-...	291	C15H14ClNO3	1000263-51-5	12
5	4,5-Dimethyl-2-pyrimidone	124	C6H8N2O	034939-17-8	10

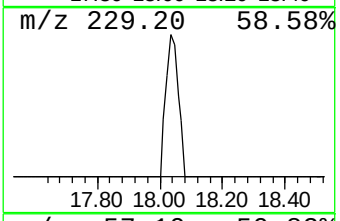


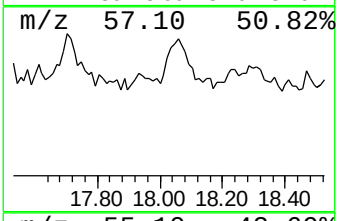


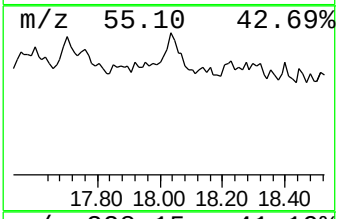


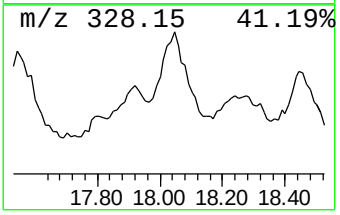












Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
Data File : BF088800.D
Acq On : 8 Jul 2016 1:32
Operator : UM/SJ
Sample : H3889-04 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

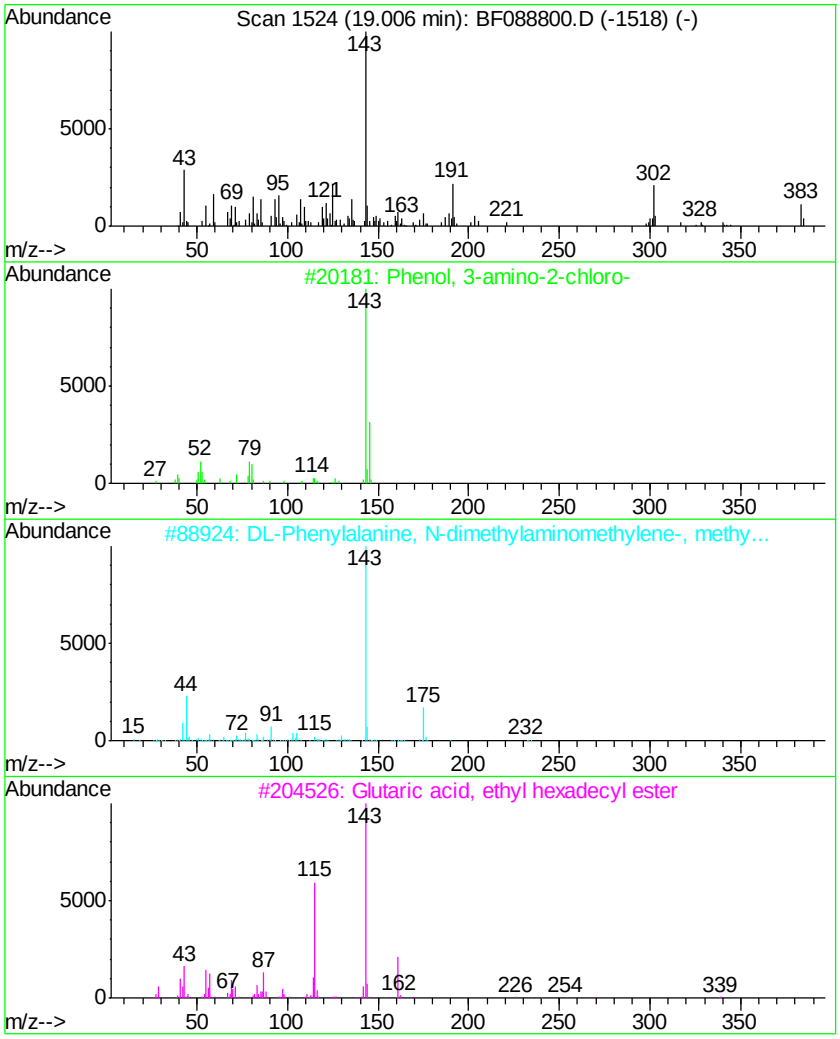
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

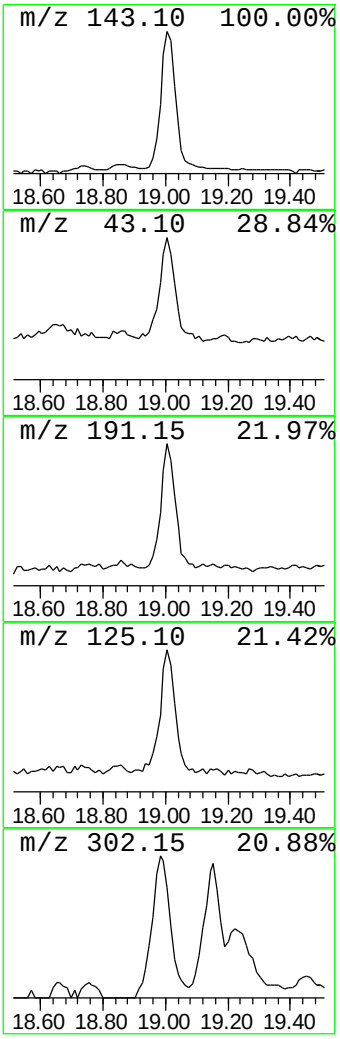
****

Peak Number 20 unknown19.01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	15.03 ng	401180	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-amino-2-chloro-	143	C6H6ClNO	056962-01-7	35
2	DL-Phenylalanine, N-dimethylamin...	234	C13H18N2O2	1000375-70-1	35
3	Glutaric acid, ethyl hexadecyl e...	384	C23H44O4	1000358-35-6	35
4	Imidazolo[1,2-a]pyridine-6-carbo...	301	C19H15N3O	1000259-38-7	32
5	Tricyclo[3.3.1.1(3,7)]decane-1-c...	322	C21H26N2O	1000349-90-9	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
Data File : BF088800.D
Acq On : 8 Jul 2016 1:32
Operator : UM/SJ
Sample : H3889-04 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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
unknown6.50	6.50	11.4	ng	302594	1	6.74	529238	20.0
4H-Cyclopenta[def...	11.86	3.7	ng	98674	4	11.26	530589	20.0
9,10-Anthracenedione	12.07	2.8	ng	75450	4	11.26	530589	20.0
11H-Benzo[b]fluorene	13.02	3.1	ng	174570	5	13.89	1134630	20.0
9H-Cyclopenta[a]p...	14.39	3.6	ng	202640	5	13.89	1134630	20.0
Imidazole, 2-iodo...	14.74	3.5	ng	93701	6	15.27	533772	20.0
16-Heptadecenal	14.80	2.5	ng	67432	6	15.27	533772	20.0
Benz[e]acephenant...	14.98	4.9	ng	130079	6	15.27	533772	20.0
Octadecanal	15.50	3.0	ng	80028	6	15.27	533772	20.0
Hexacosane	15.71	6.8	ng	182288	6	15.27	533772	20.0
Boroxin, ethyldip...	15.77	2.5	ng	67587	6	15.27	533772	20.0
unknown16.43	16.43	4.3	ng	114817	6	15.27	533772	20.0
Benzo[b]triphenylene	16.74	2.5	ng	66529	6	15.27	533772	20.0
unknown17.13	17.13	3.4	ng	91040	6	15.27	533772	20.0
unknown18.03	18.03	4.0	ng	106677	6	15.27	533772	20.0
unknown19.01	19.01	15.0	ng	401180	6	15.27	533772	20.0