

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060419\
 Data File : BN006071.D
 Acq On : 04 Jun 2019 19:39
 Operator : JU/SJ
 Sample : K2927-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42A4

Manual Integrations
 APPROVED

mohammad
 6/5/2019 9:27:03 AM

Quant Time: Jun 05 01:27:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 04 17:47:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	247547	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1062660	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	600072	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1314091	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	1188968	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	1330947	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	20142	3.52	ng/uL	0.00
5) Phenol-d5	6.82	99	359602	18.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	229170	20.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	305440	19.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	244110	15.93	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	147654	19.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	164755	19.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	287030	18.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	90710m	4.99	ng/ul	0.01
43) Dimethylphthalate-d6	13.72	166	902011	21.19	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1097427	19.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	87308	11.61	ng/ul	0.00
57) Fluorene-d10	15.30	176	776552	21.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	103345	14.05	ng/ul	0.00
70) Anthracene-d10	17.16	188	1065667	19.00	ng/ul	0.00
78) Pyrene-d10	19.46	212	1255060	21.84	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1152297	19.44	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.76	163	266169	6.304	ng/ul	99
69) Phenanthrene	17.10	178	392644	6.093	ng/ul	99
76) Fluoranthene	19.13	202	1136083	15.730	ng/ul	99
79) Pyrene	19.49	202	927904	12.694	ng/ul	99
82) Benzo(a)anthracene	21.26	228	448004	6.129	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.19	149	55488	1.123	ng/ul#	99
84) Chrysene	21.31	228	601287	8.582	ng/ul	98
87) Benzo(b)fluoranthene	22.84	252	809886	11.415	ng/ul#	96
88) Benzo(k)fluoranthene	22.88	252	279748m	4.028	ng/ul	
90) Benzo(a)pyrene	23.41	252	467393	6.814	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.74	276	383920	4.591	ng/ul	95
92) Dibenzo(a,h)anthracene	25.75	278	94469	1.339	ng/ul#	80
93) Benzo(g,h,i)perylene	26.43	276	279710	3.935	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

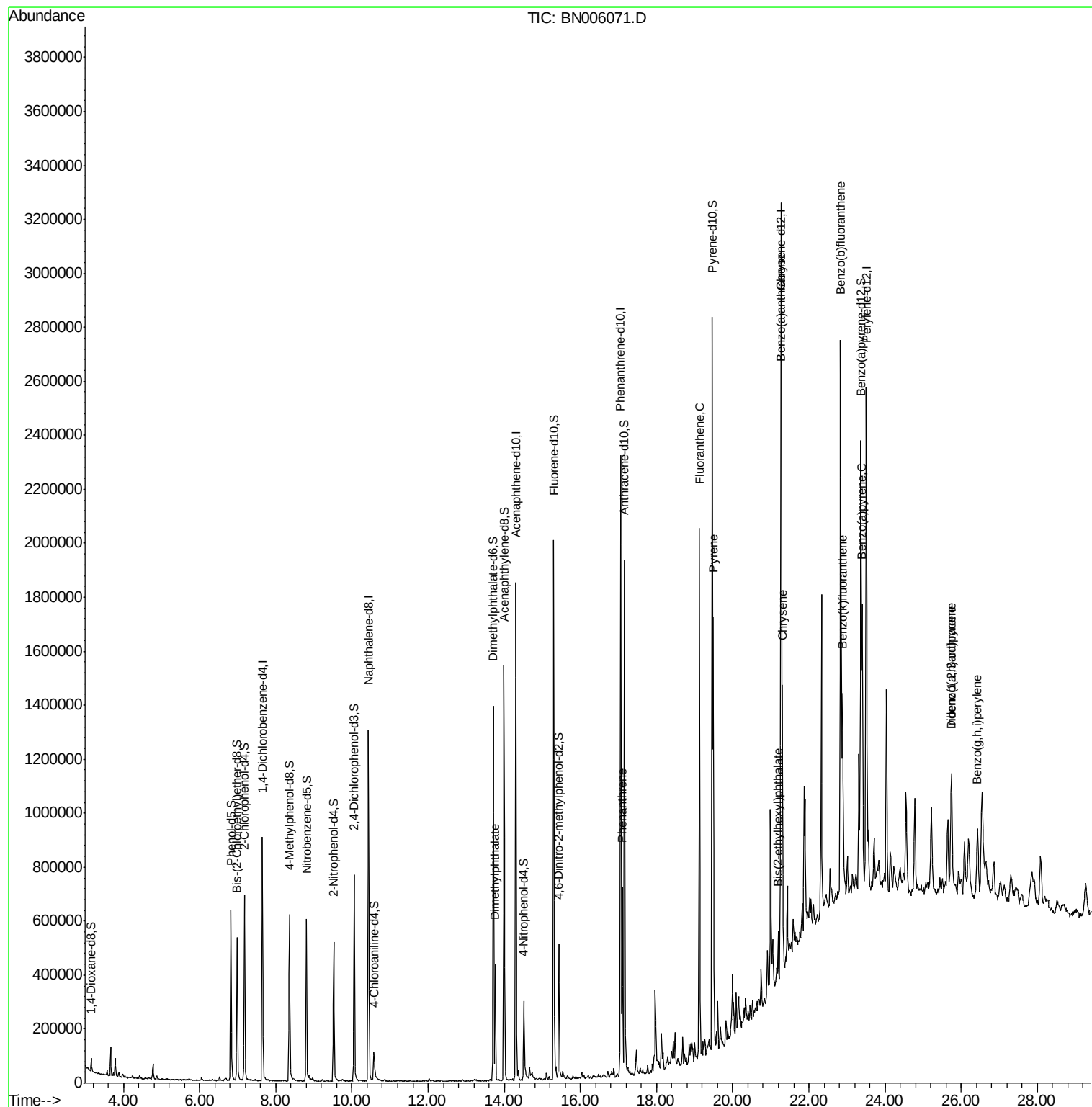
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060419\
Data File : BN006071.D
Acq On : 04 Jun 2019 19:39
Operator : JU/SJ
Sample : K2927-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

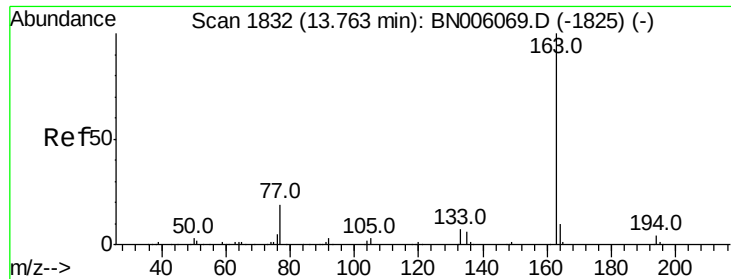
Instrument :
BNA_N
ClientSampleId :
A42A4

Manual Integrations
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6/5/2019 9:27:03 AM

Quant Time: Jun 05 01:27:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 04 17:47:25 2019
Response via : Initial Calibration





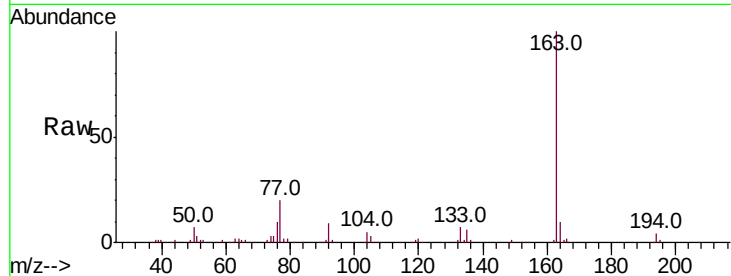
#44
Dimethylphthalate
Concen: 6.304 ng/ul
RT: 13.76 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BN006071.D
Acq: 04 Jun 2019 19:39

Instrument :
BNA_N
ClientSampled :
A42A4

Tot Ion	Ratio	Resp	Lower	Upper
163	100	266169		
194	4.0		3.4	5.2
164	10.0		8.2	12.2

Manual Integrations
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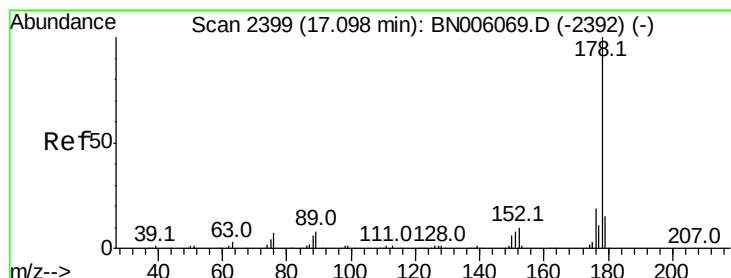
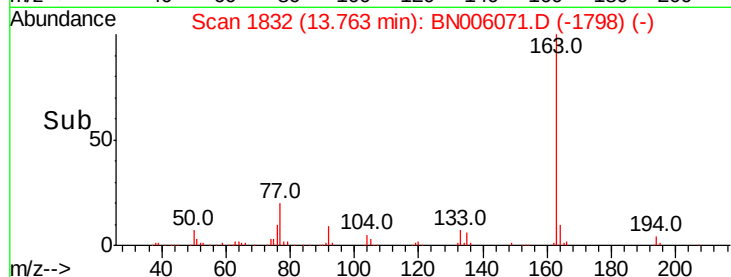
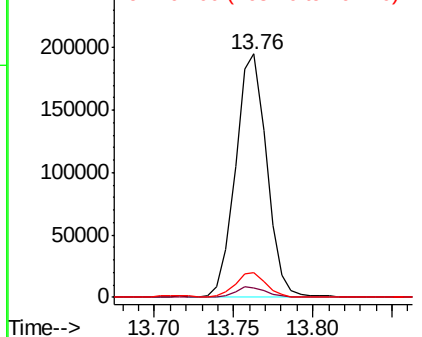


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 6.093 ng/ul
RT: 17.10 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BN006071.D
Acq: 04 Jun 2019 19:39

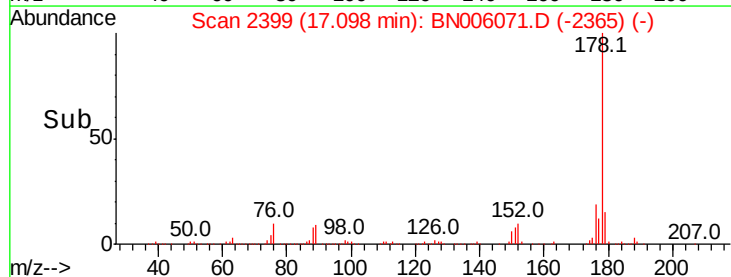
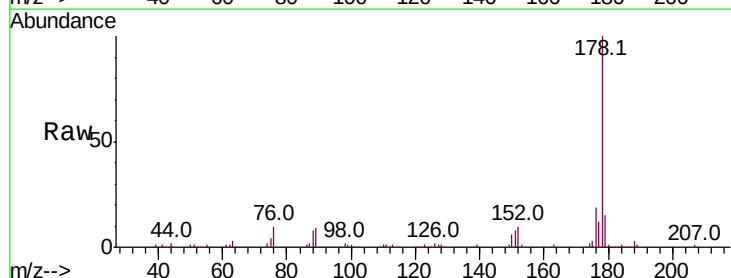
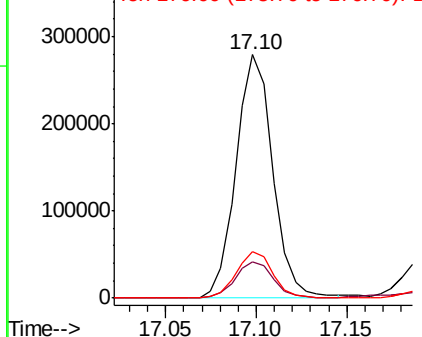
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	392644		
179	14.9		11.8	17.8
176	19.2		15.0	22.6

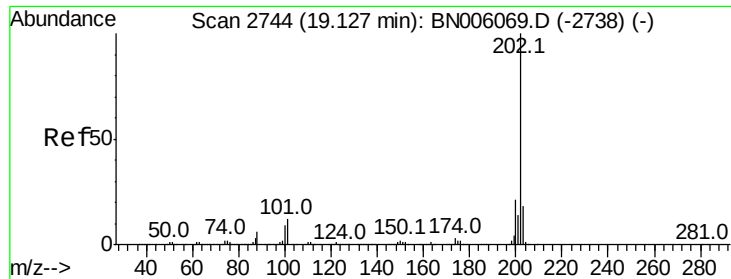
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





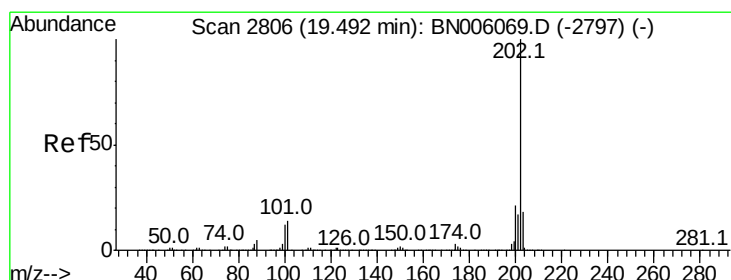
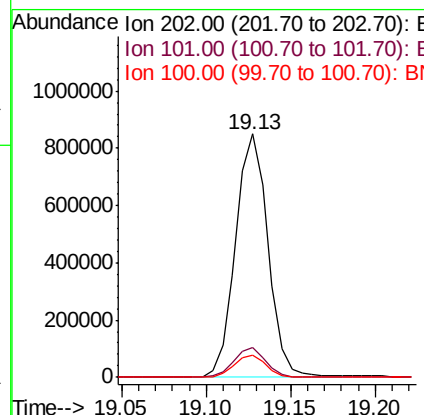
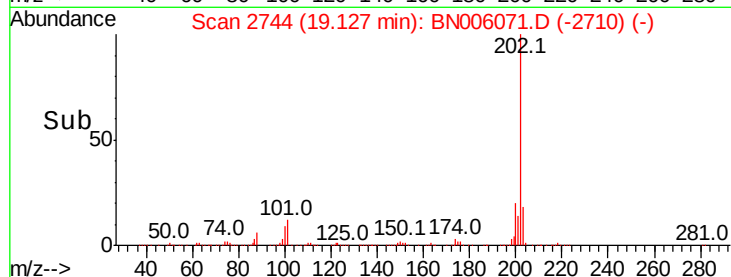
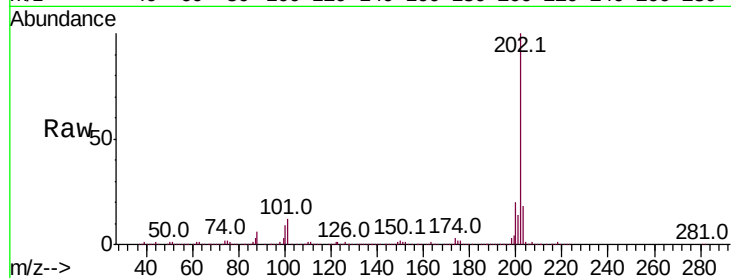
#76
Fluoranthene
Concen: 15.730 ng/ul
RT: 19.13 min Scan# 2744
Delta R.T. -0.00 min
Lab File: BN006071.D
Acq: 04 Jun 2019 19:39

Instrument :
BNA_N
ClientSampleId :
A42A4

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.6	14.4
100	9.1	7.1	10.7

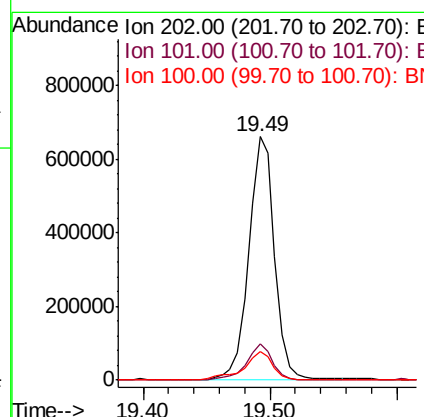
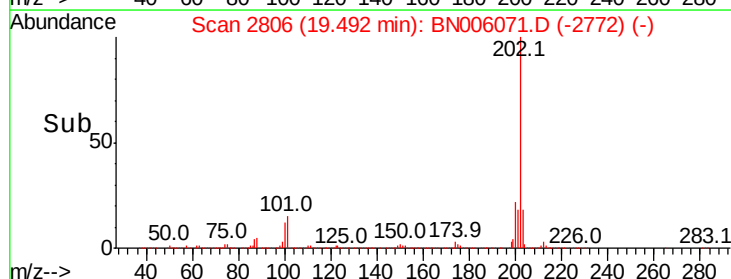
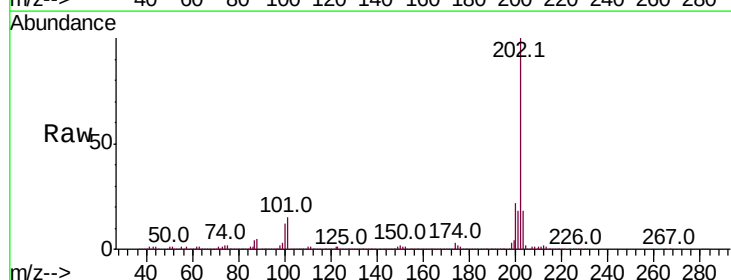
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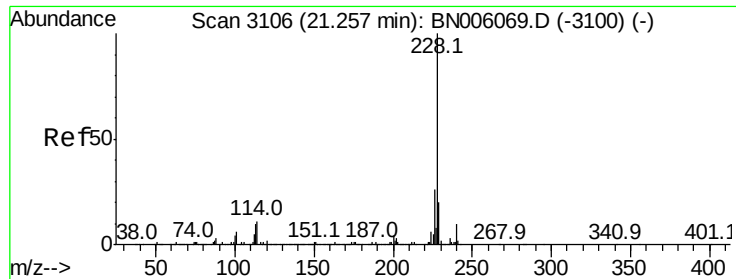
mohammad
6/5/2019 9:27:03 AM



#79
Pyrene
Concen: 12.694 ng/ul
RT: 19.49 min Scan# 2806
Delta R.T. -0.00 min
Lab File: BN006071.D
Acq: 04 Jun 2019 19:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.9	11.5	17.3
100	11.8	9.0	13.6





#82

Benzo(a)anthracene

Concen: 6.129 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BN006071.D

Acq: 04 Jun 2019 19:39

Instrument :

BNA_N

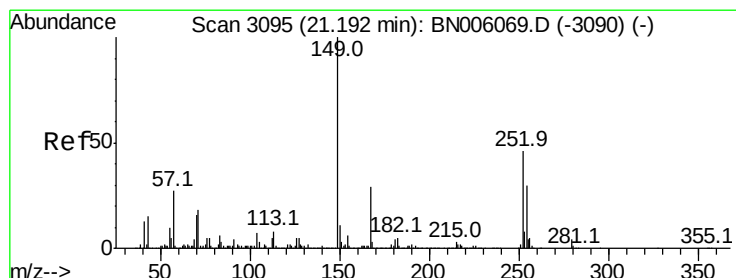
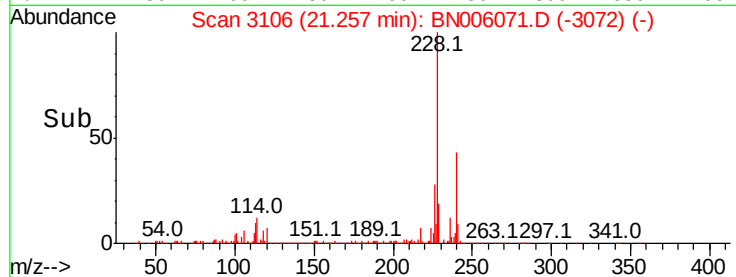
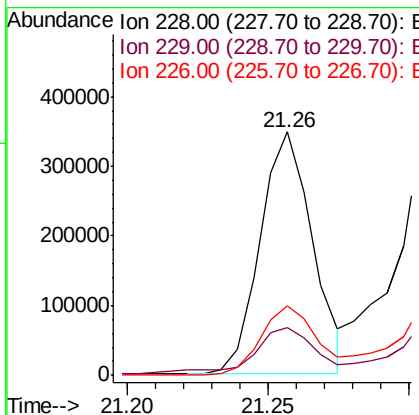
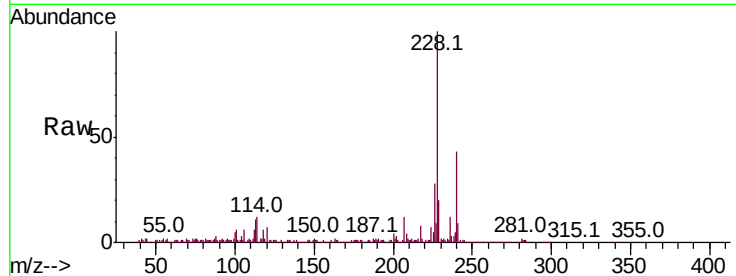
ClientSampleId :

A42A4

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.8	16.1	24.1
226	28.4	21.9	32.9

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#83

Bis(2-ethylhexyl)phthalate

Concen: 1.123 ng/ul

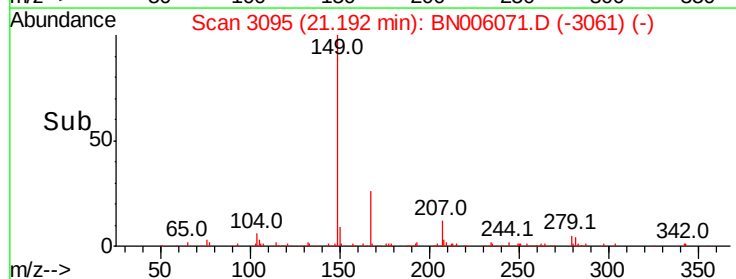
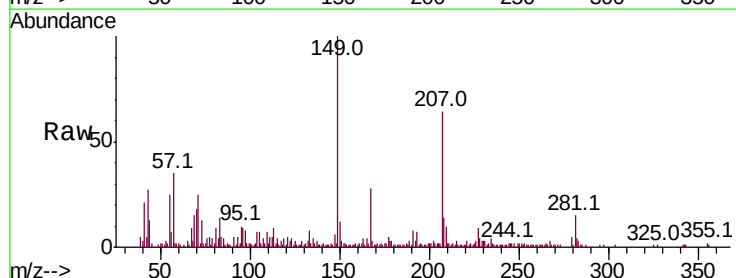
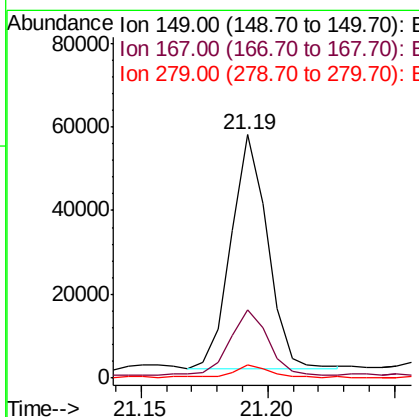
RT: 21.19 min Scan# 3095

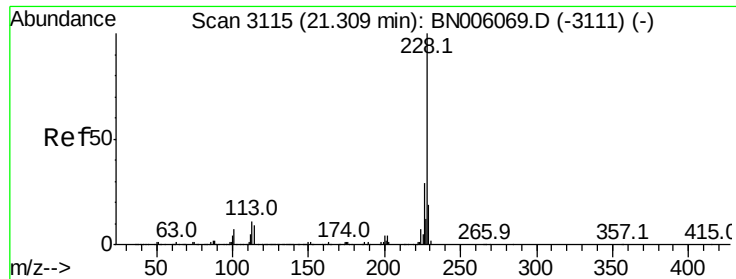
Delta R.T. -0.00 min

Lab File: BN006071.D

Acq: 04 Jun 2019 19:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.5	33.7
279	5.2	3.3	4.9#





#84

Chrysene

Concen: 8.582 ng/ul

RT: 21.31 min Scan# 3115

Delta R.T. -0.00 min

Lab File: BN006071.D

Acq: 04 Jun 2019 19:39

Instrument :

BNA_N

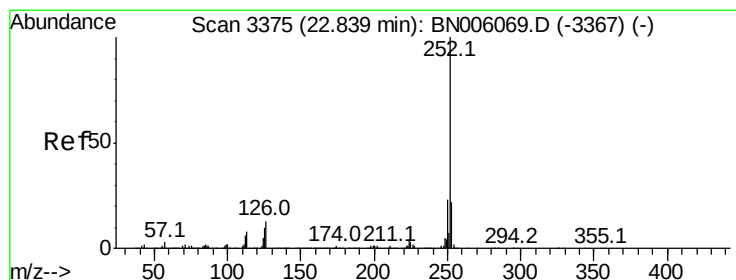
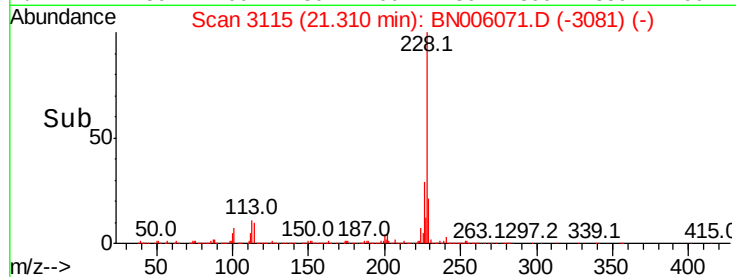
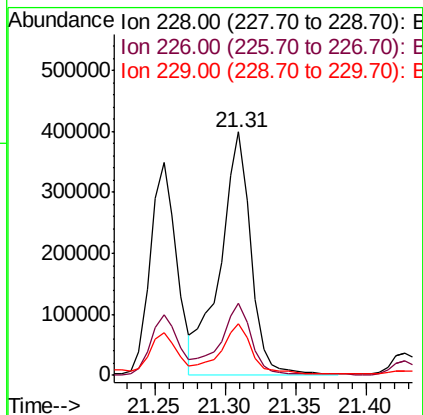
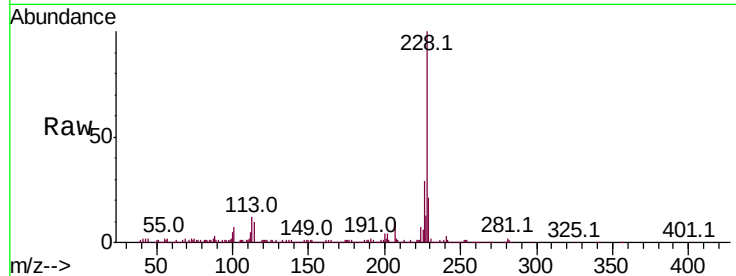
ClientSampled :

A42A4

Tot Ion	Ratio	Resp	Lower	Upper
228	100	601287		
226	29.5		24.1	36.1
229	21.4		16.0	24.0

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#87

Benzo(b)fluoranthene

Concen: 11.415 ng/ul

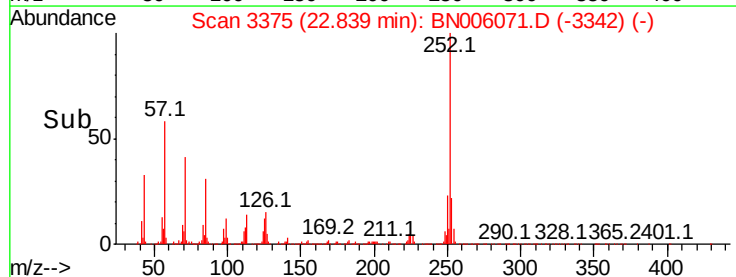
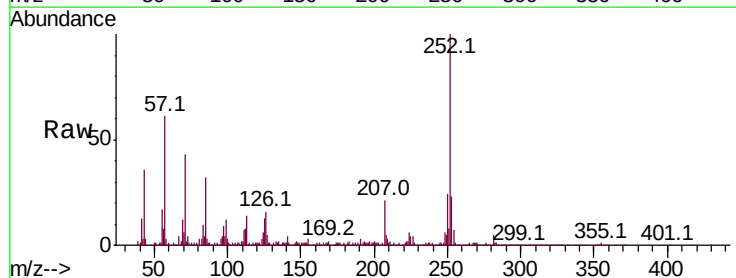
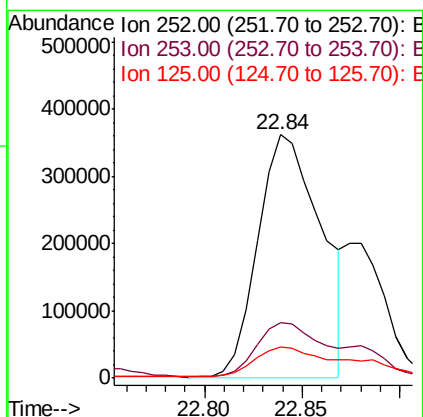
RT: 22.84 min Scan# 3375

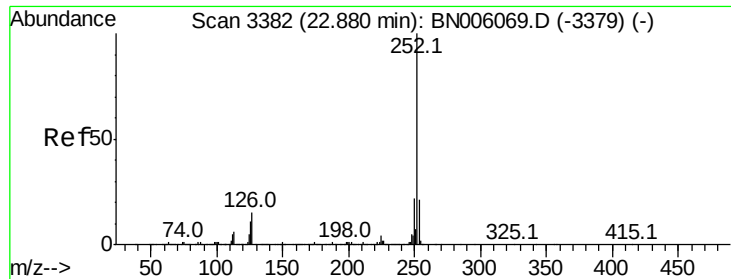
Delta R.T. -0.01 min

Lab File: BN006071.D

Acq: 04 Jun 2019 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	809886		
253	22.7		17.4	26.2
125	13.0		8.2	12.2#





#88

Benzo(k)fluoranthene

Concen: 4.028 ng/ul

RT: 22.88 min Scan# 3382

Delta R.T. -0.01 min

Lab File: BN006071.D

Acq: 04 Jun 2019 19:39

Instrument :

BNA_N

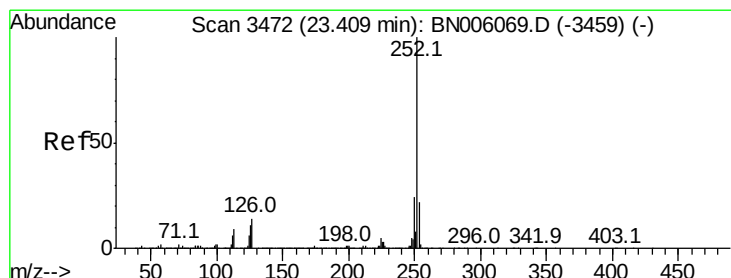
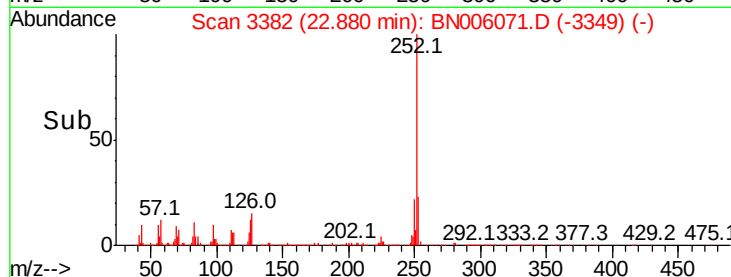
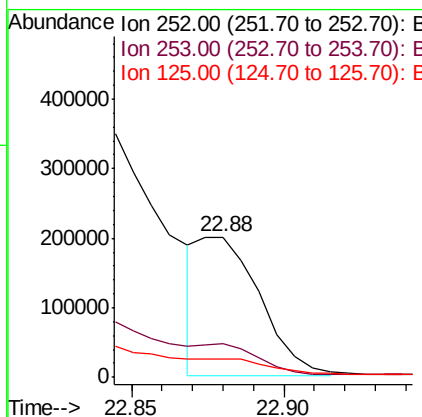
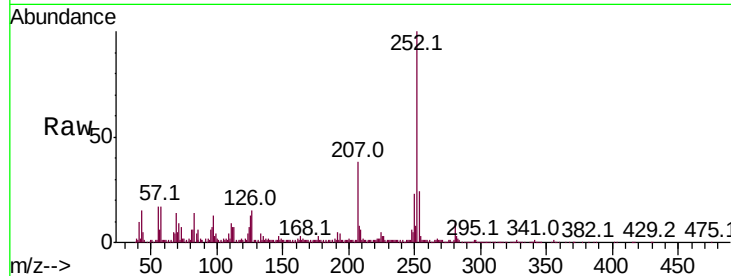
ClientSampleId :

A42A4

Tot Ion	Ratio	Resp	Lower	Upper
252	100	279748		
253	24.1	17.8	26.6	
125	12.9	8.0	12.0	

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#90

Benzo(a)pyrene

Concen: 6.814 ng/ul

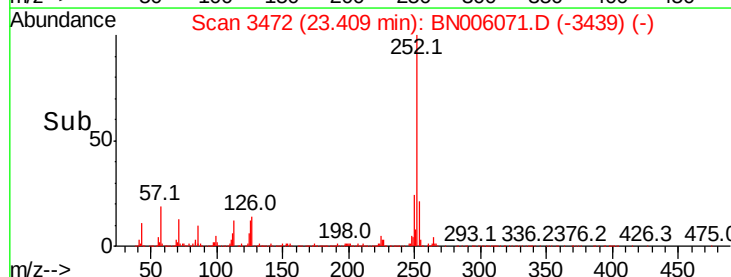
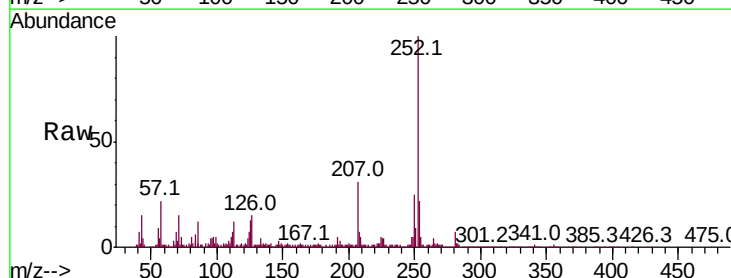
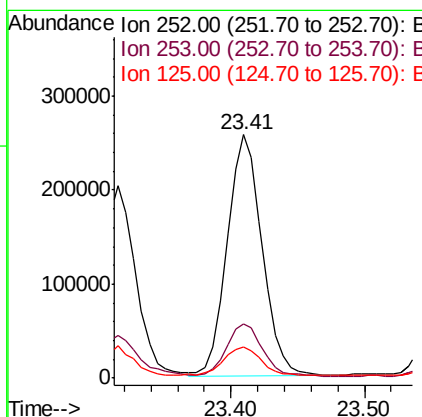
RT: 23.41 min Scan# 3472

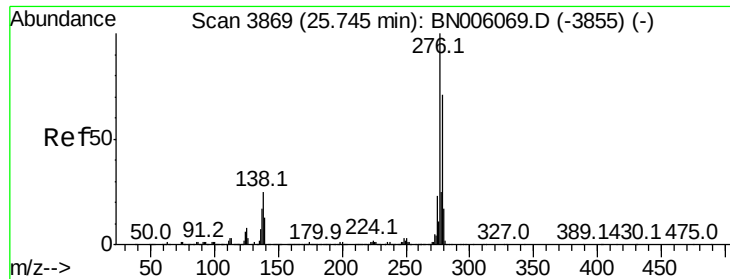
Delta R.T. -0.01 min

Lab File: BN006071.D

Acq: 04 Jun 2019 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	467393		
253	22.5	17.7	26.5	
125	12.8	9.7	14.5	





#91

Indeno(1,2,3-cd)pyrene

Concen: 4.591 ng/ul

RT: 25.74 min Scan# 3869

Delta R.T. -0.01 min

Lab File: BN006071.D

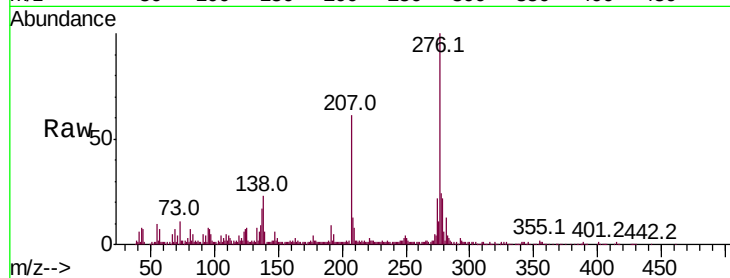
Acq: 04 Jun 2019 19:39

Instrument :
BNA_N
ClientSampleId :
A42A4

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.6	20.2	30.4
277	24.3	19.8	29.8

Manual Integrations
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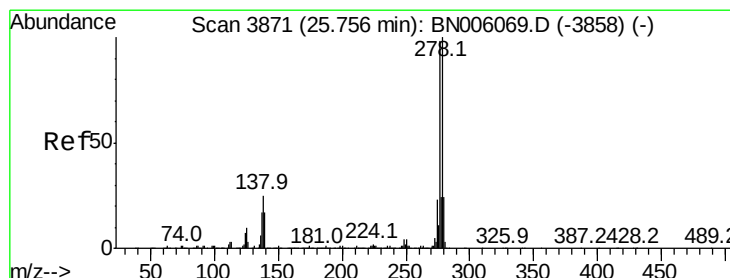
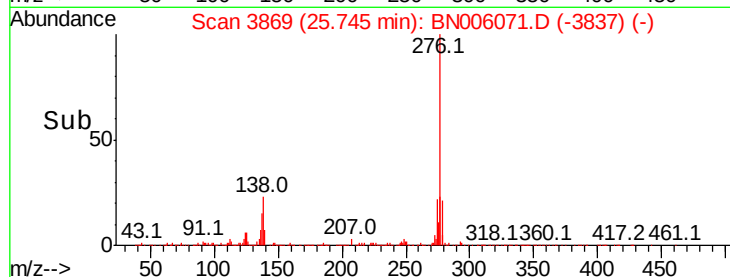
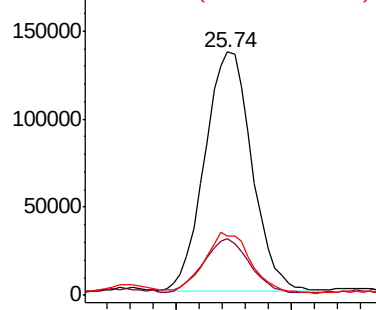


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#92

Dibenzo(a,h)anthracene

Concen: 1.339 ng/ul

RT: 25.75 min Scan# 3870

Delta R.T. -0.01 min

Lab File: BN006071.D

Acq: 04 Jun 2019 19:39

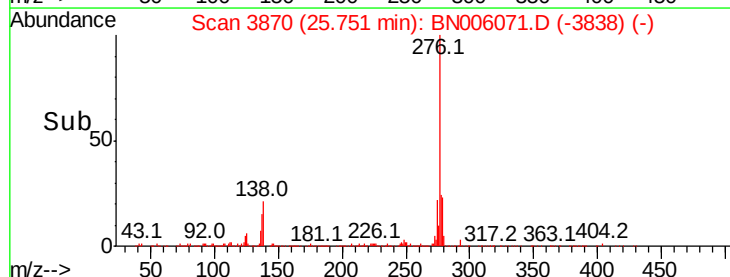
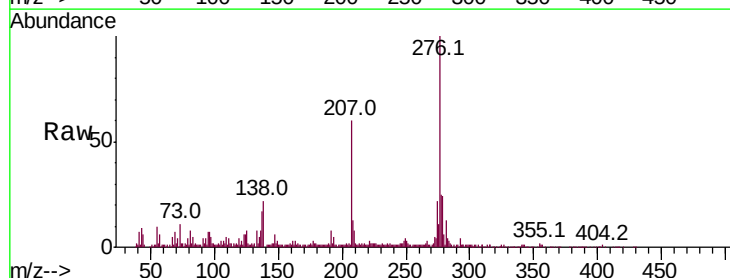
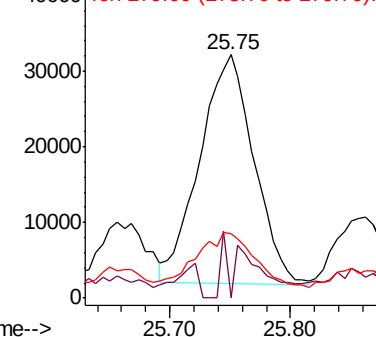
Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.6	20.4#
279	26.5	19.0	28.6

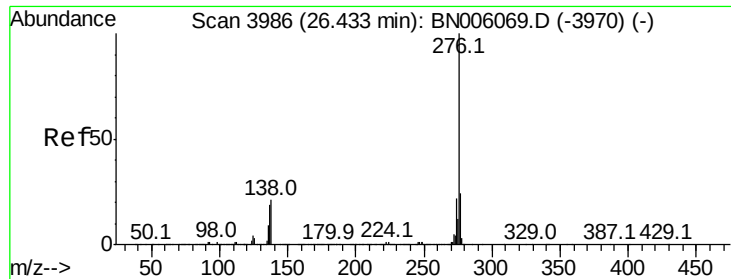
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#93

Benzo(a,h,i)perylene

Concen: 3.935 ng/ul

RT: 26.43 min Scan# 3986

Delta R.T. -0.01 min

Lab File: BN006071.D

Acq: 04 Jun 2019 19:39

Instrument :

BNA_N

ClientSampleId :

A42A4

Tot Ion:	276	Resp:	279710
Ion Ratio	Lower	Upper	
276	100		
138	21.8	18.0	27.0
277	24.6	18.8	28.2

Manual Integrations
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6/5/2019 9:27:03 AM

