

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014805.D
 Acq On : 24 Apr 2018 08:39
 Operator : SJ/JU
 Sample : J2434-13DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 C0AC8DL

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:50 PM

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Quant Time: Apr 24 15:05:34 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	428522	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1801387	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	926641	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	1951502	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	1944216	20.00	ng/ul	0.00
83) Perylene-d12	24.41	264	2077724	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.66	96	9869m	1.01	ng/uL	0.00
5) Phenol-d5	7.65	99	144947	4.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	102193	4.81	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	122465	4.42	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	107475	4.07	ng/ul	0.00
19) Nitrobenzene-d5	9.70	128	57135	4.39	ng/ul	0.00
22) 2-Nitrophenol-d4	10.43	143	52833	4.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	111823	4.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	116915	4.49	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	343020	4.74	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	423671	4.74	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	30096	2.24	ng/ul	0.00
57) Fluorene-d10	16.10	176	303192	4.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	12803	1.21	ng/ul	0.00
70) Anthracene-d10	17.93	188	445531	4.90	ng/ul	0.00
76) Pyrene-d10	20.17	212	479554	5.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.26	264	482686	4.73	ng/ul	0.00

Target Compounds

					Ovalue	
69) Phenanthrene	17.88	178	338853	3.233	ng/ul	99
74) Fluoranthene	19.84	202	1372307	12.010	ng/ul#	82
77) Pyrene	20.20	202	1432416	12.610	ng/ul#	80
80) Benzo(a)anthracene	21.91	228	1188149	10.450	ng/ul	99
82) Chrysene	21.96	228	1271703	11.948	ng/ul	97
85) Benzo(b)fluoranthene	23.66	252	2385760	19.479	ng/ul#	95
86) Benzo(k)fluoranthene	23.70	252	735848m	6.248	ng/ul	
88) Benzo(a)pyrene	24.31	252	1771879	15.251	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	27.00	276	1315642	9.361	ng/ul#	91
90) Dibenzo(a,h)anthracene	27.00	278	343832	2.905	ng/ul#	93
91) Benzo(g,h,i)perylene	27.80	276	1346867	11.648	ng/ul#	90

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

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Misc :
ALS Vial : 30 Sample Multiplier: 1

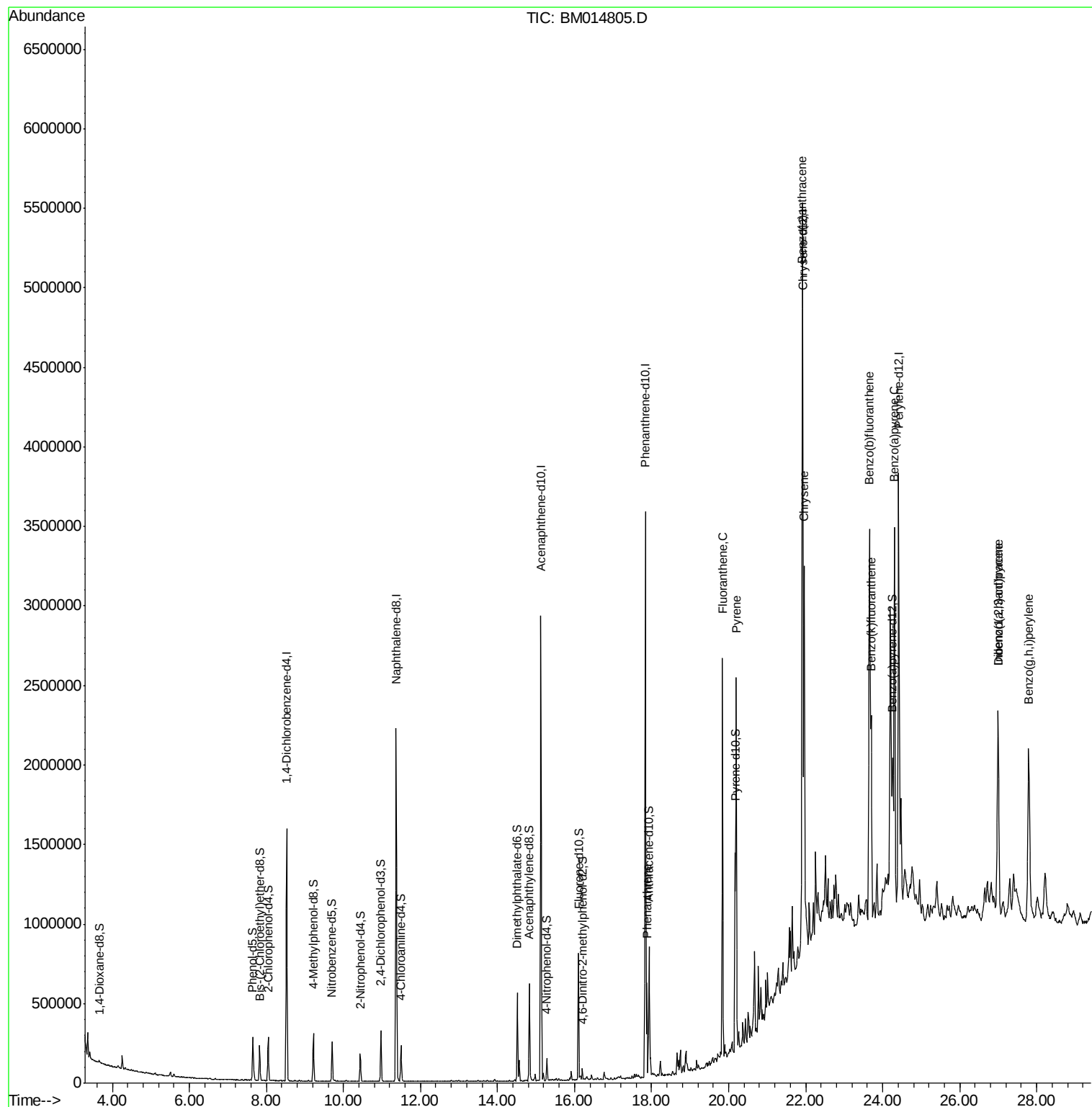
Instrument :
BNA_M
ClientSampleId :
C0AC8DL

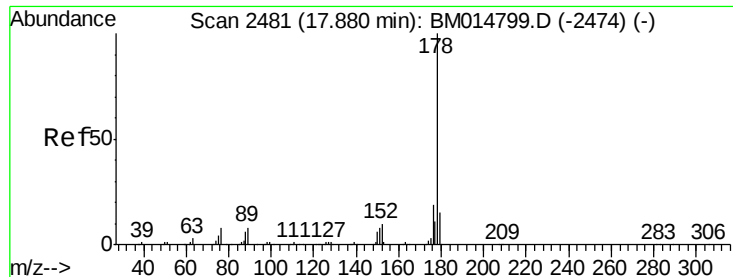
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration





#69
Phenanthrene
Concen: 3.233 ng/ul
RT: 17.88 min Scan# 2481
Delta R.T. -0.00 min
Lab File: BM014805.D
Acq: 24 Apr 2018 08:39

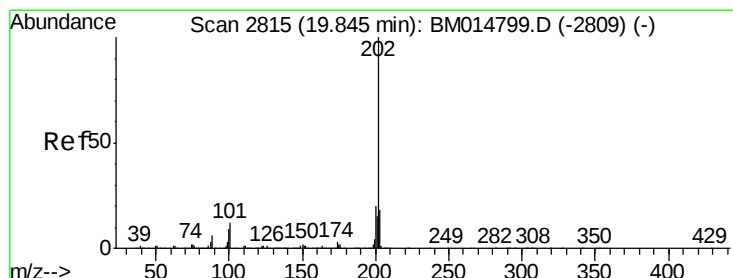
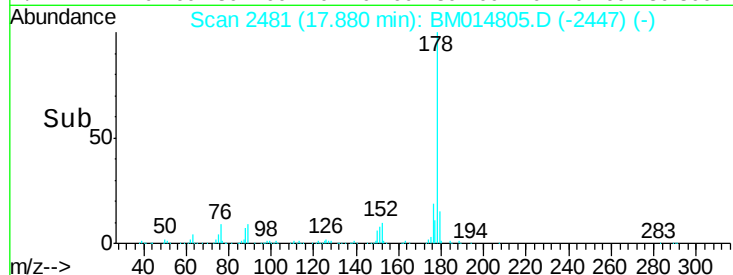
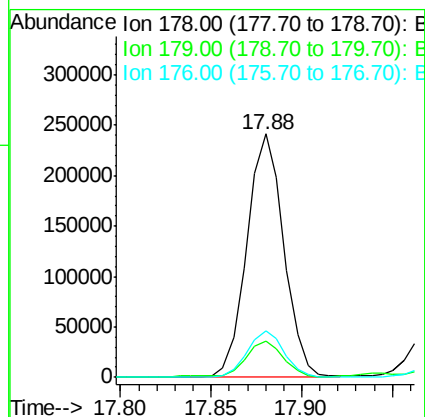
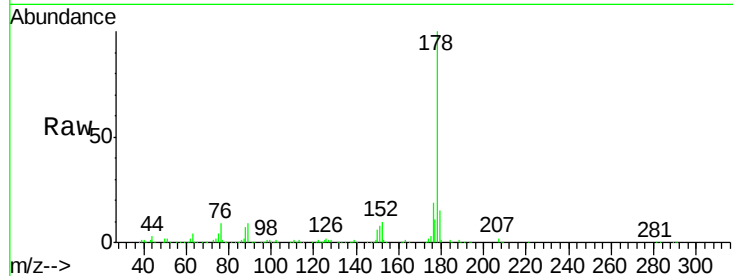
Instrument :
BNA_M
ClientSampleId :
C0AC8DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.9	14.9	22.3

Manual Integrations
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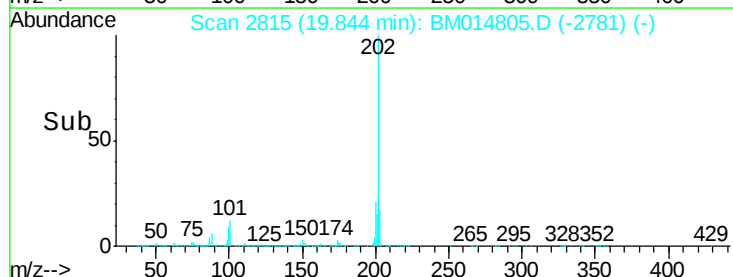
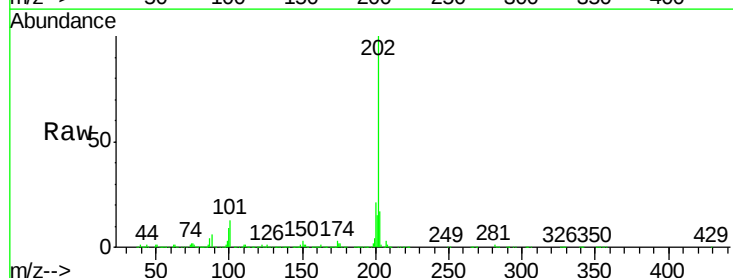
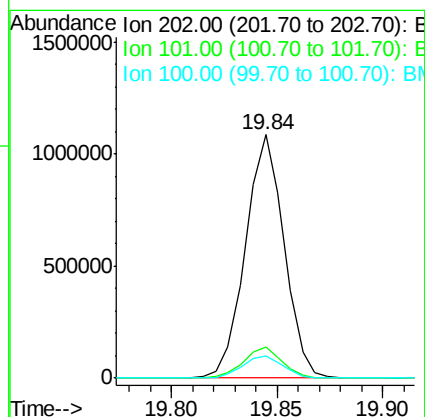
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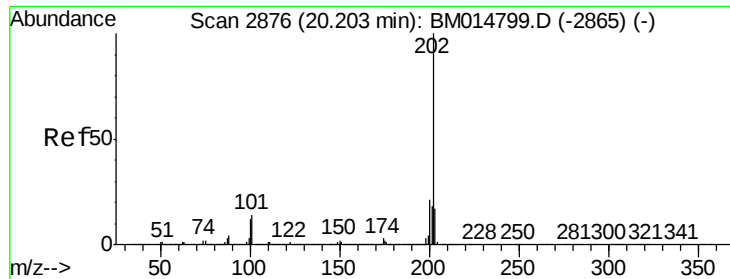
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#74
Fluoranthene
Concen: 12.010 ng/ul
RT: 19.84 min Scan# 2815
Delta R.T. -0.00 min
Lab File: BM014805.D
Acq: 24 Apr 2018 08:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	4.6	7.0#
100	9.3	3.4	5.2#





#77

Pvrene

Concen: 12.610 ng/ul

RT: 20.20 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BM014805.D

Acq: 24 Apr 2018 08:39

Instrument :

BNA_M

ClientSampled :

C0AC8DL

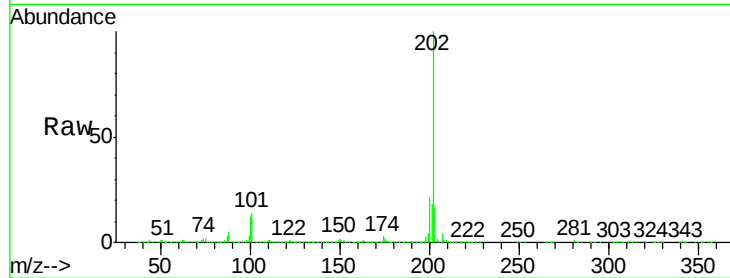
Tot Ion:	202	Resp:	1432416
Ion Ratio	Lower	Upper	
202	100		
101	14.3	5.1	7.7#
100	11.5	4.9	7.3#

Manual Integrations
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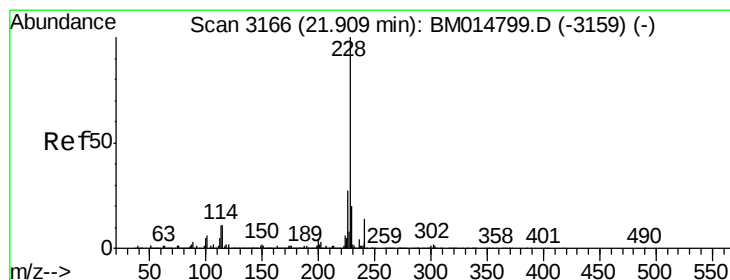
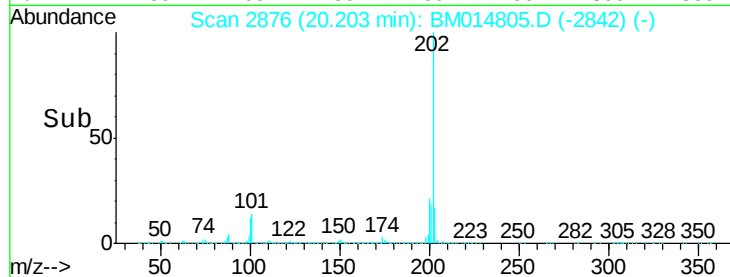
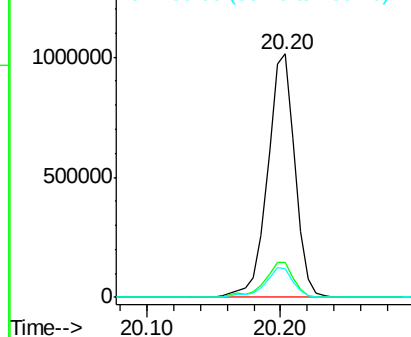
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 10.450 ng/ul

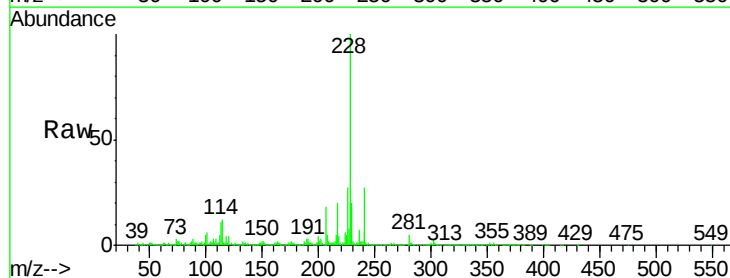
RT: 21.91 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BM014805.D

Acq: 24 Apr 2018 08:39

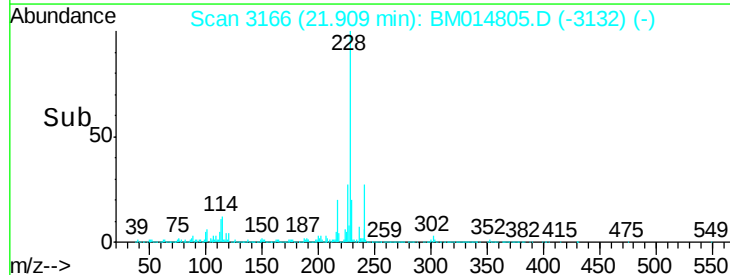
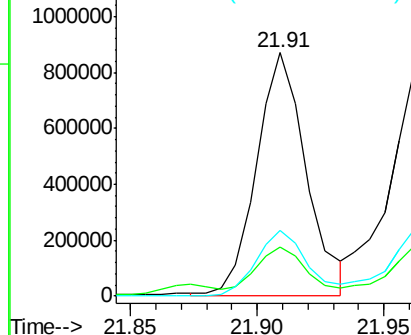
Tgt Ion:	228	Resp:	1188149
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.4	23.0
226	27.1	21.4	32.0

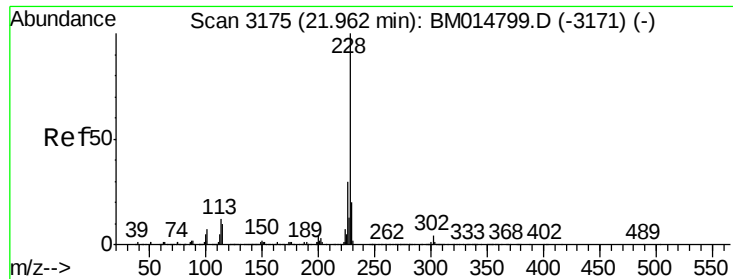


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 11.948 ng/ul

RT: 21.96 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BM014805.D

Acq: 24 Apr 2018 08:39

Instrument :

BNA_M

ClientSampleID :

C0AC8DL

Tot Ion:228 Resp: 1271703

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.2

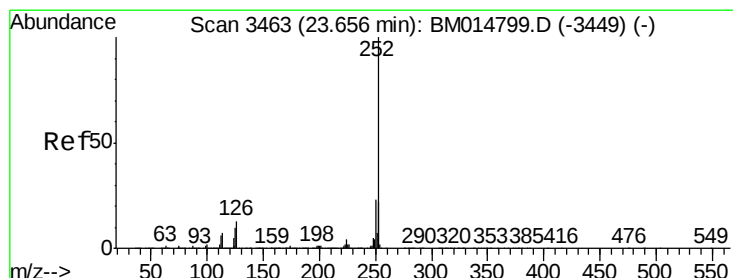
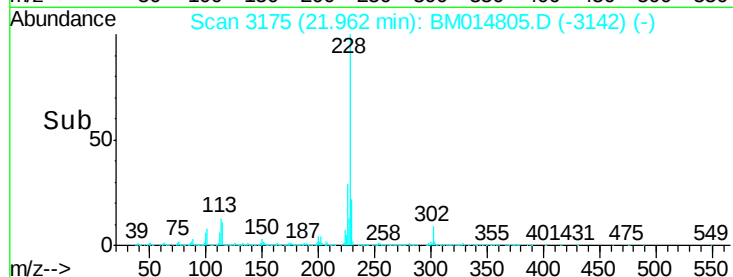
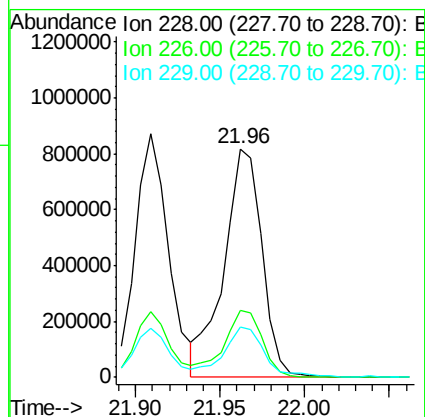
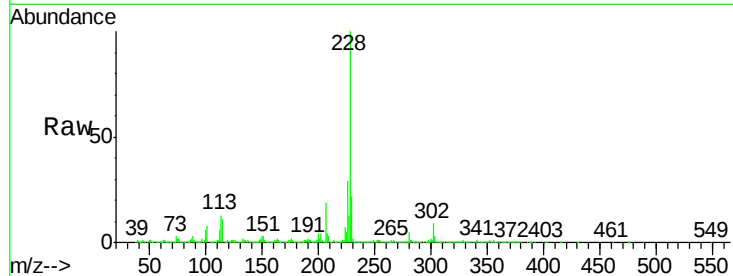
229 22.1 15.5 23.3

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#85

Benzo(b)fluoranthene

Concen: 19.479 ng/ul

RT: 23.66 min Scan# 3463

Delta R.T. -0.00 min

Lab File: BM014805.D

Acq: 24 Apr 2018 08:39

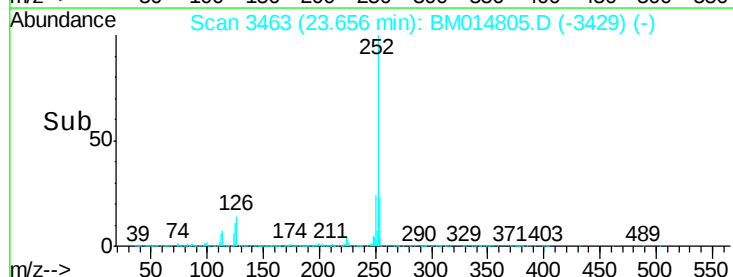
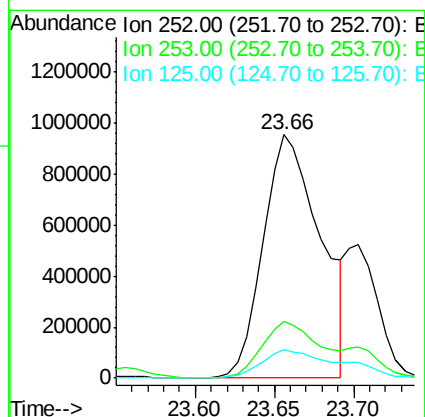
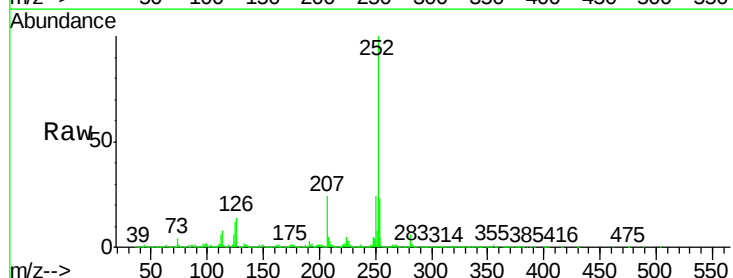
Tgt Ion:252 Resp: 2385760

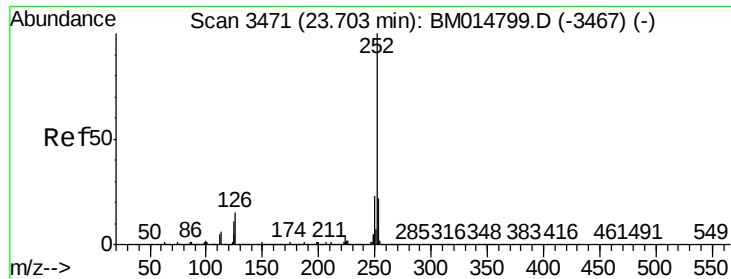
Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

125 11.6 3.6 5.4#





#86
Benzo(k)fluoranthene
Concen: 6.248 ng/ul m
RT: 23.70 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM014805.D
Acq: 24 Apr 2018 08:39

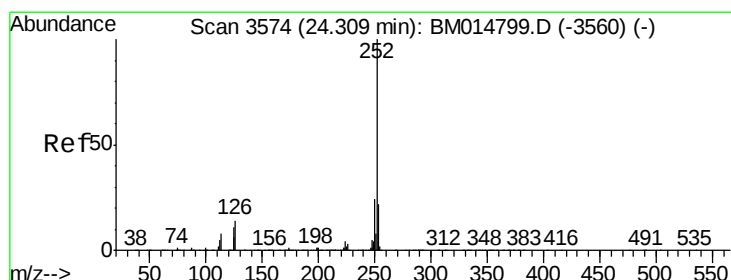
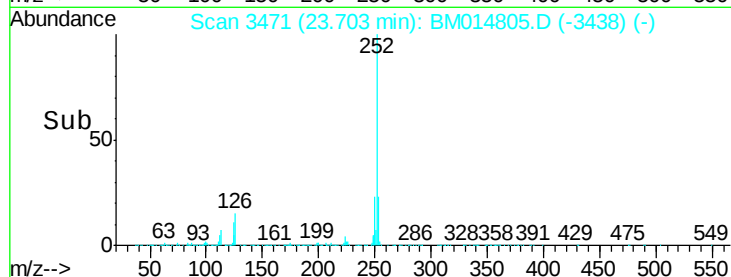
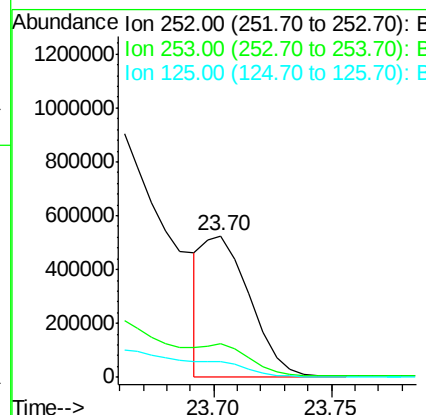
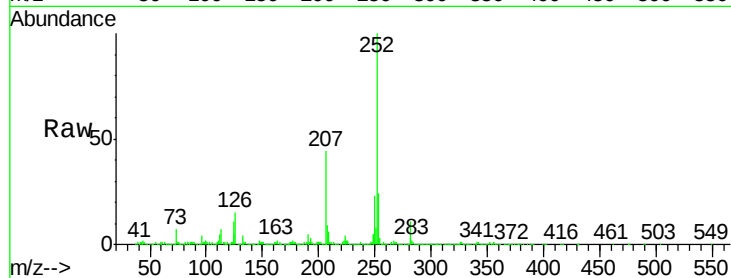
Instrument :
BNA_M
ClientSampled :
C0AC8DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	11.3	3.4	5.2

Manual Integrations
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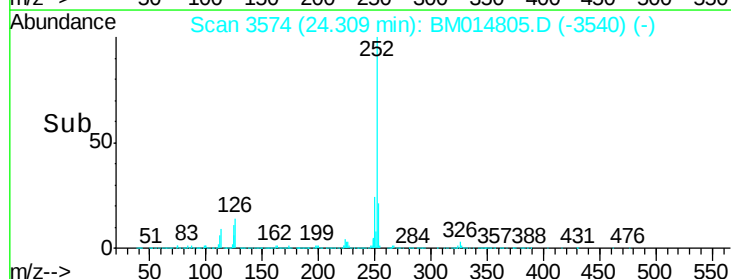
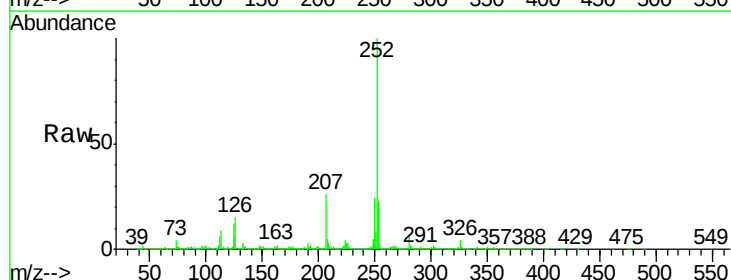
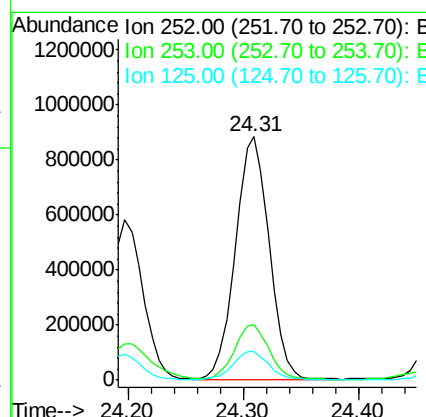
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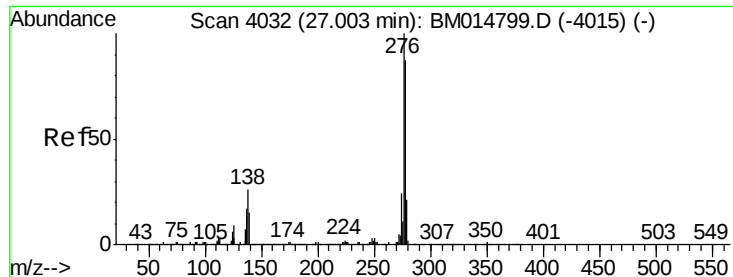
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#88
Benzo(a)pyrene
Concen: 15.251 ng/ul
RT: 24.31 min Scan# 3574
Delta R.T. -0.00 min
Lab File: BM014805.D
Acq: 24 Apr 2018 08:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	11.6	4.0	6.0





#89
Indeno(1,2,3-cd)pyrene
Concen: 9.361 ng/ul
RT: 27.00 min Scan# 4031
Delta R.T. -0.01 min
Lab File: BM014805.D
Acq: 24 Apr 2018 08:39

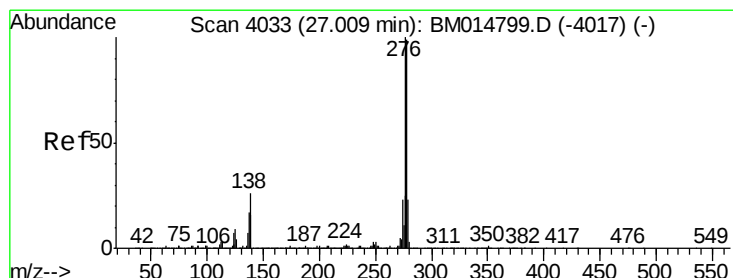
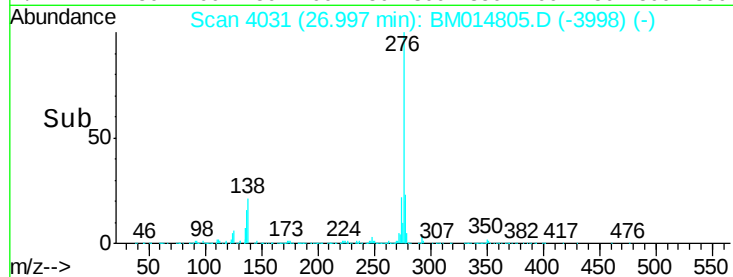
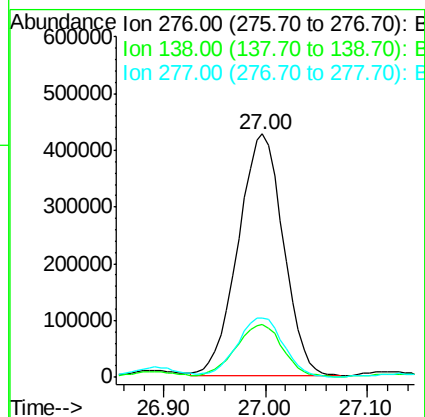
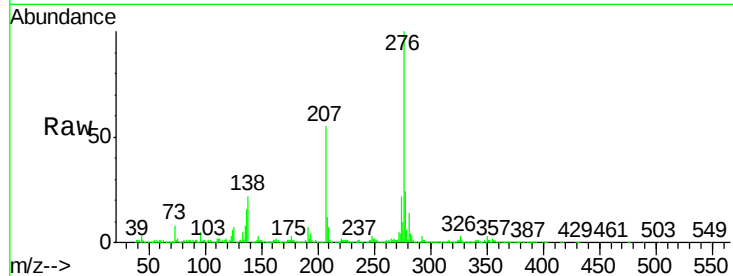
Instrument :
BNA_M
ClientSampleId :
C0AC8DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	9.3	13.9#
277	24.5	19.9	29.9

Manual Integrations
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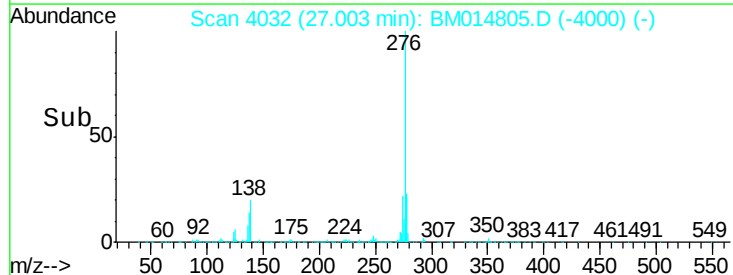
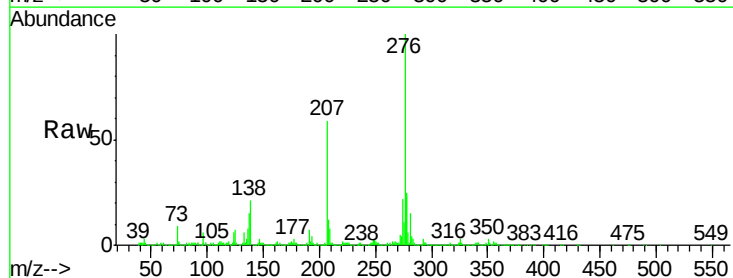
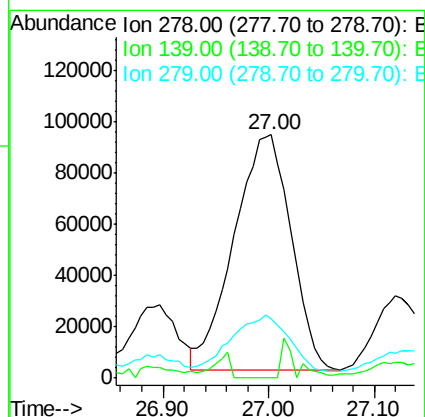
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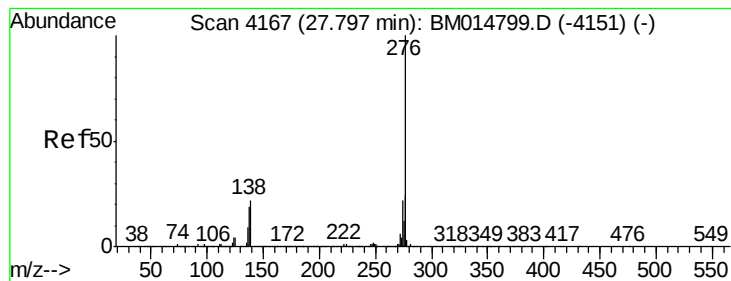
4/24/2018 7:13:50 PM



#90
Dibenzo(a,h)anthracene
Concen: 2.905 ng/ul
RT: 27.00 min Scan# 4032
Delta R.T. -0.01 min
Lab File: BM014805.D
Acq: 24 Apr 2018 08:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	24.2	18.6	27.8





#91

Benzo(a,h,i)perylene

Concen: 11.648 ng/ul

RT: 27.80 min Scan# 4167

Delta R.T. -0.01 min

Lab File: BM014805.D

Acq: 24 Apr 2018 08:39

Instrument :

BNA_M

ClientSampleId :

C0AC8DL

Tot Ion: 276 Resp: 1346867

Ion Ratio Lower Upper

276 100

138 21.9 8.5 12.7#

277 23.8 18.6 28.0

Manual Integrations

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