

Data Path : Z:\HPCHEM1\BNA_M\Data\BM102517\
 Data File : BM012471.D
 Acq On : 26 Oct 2017 13:36
 Operator : SJ/JU
 Sample : I5693-05DL 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-33(0.5-1.5)-100417DL

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:54:40 AM

Quant Time: Oct 26 15:28:48 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:35:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	563781	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2342524	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1390498	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	2744297	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2114471	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2376940	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	3934m	0.36	ng/uL	0.01
5) Phenol-d5	7.05	99	167990	3.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	144845	5.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	117574	3.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	152310	3.78	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	88258	6.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	60110	3.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	133532	3.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	240558	5.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	643890	5.30	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	810499	5.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	41283	2.29	ng/ul	0.00
57) Fluorene-d10	15.50	176	552958	5.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	14756	1.11	ng/ul	0.00
70) Anthracene-d10	17.34	188	764227	5.84	ng/ul	0.00
76) Pyrene-d10	19.63	212	663241	6.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	651318	5.77	ng/ul	0.00
Target Compounds						
69) Phenanthrene	17.29	178	253247	1.706	ng/ul	98
74) Fluoranthene	19.30	202	324174	1.928	ng/ul#	91
77) Pyrene	19.66	202	267703	2.226	ng/ul#	94
80) Benzo(a)anthracene	21.40	228	155836	1.231	ng/ul#	91
81) Bis(2-ethylhexyl)phthalate	21.34	149	4180426	58.000	ng/ul	99
82) Chrysene	21.46	228	134753	1.197	ng/ul#	93
85) Benzo(b)fluoranthene	23.03	252	220022	1.497	ng/ul#	87
88) Benzo(a)pyrene	23.63	252	151428	1.081	ng/ul#	86

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

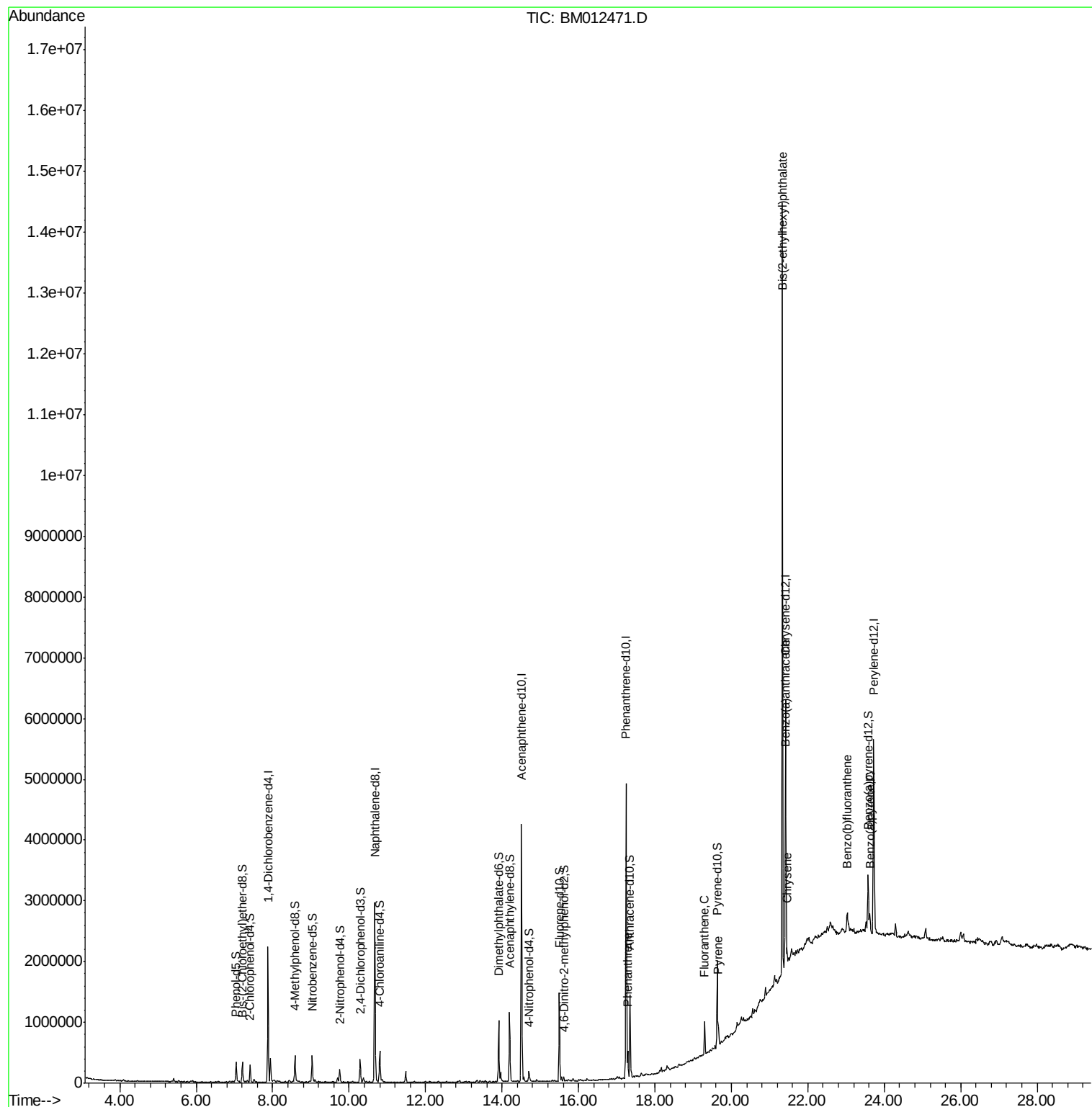
Data Path : Z:\HPCHEM1\BNA_M\Data\BM102517\
Data File : BM012471.D
Acq On : 26 Oct 2017 13:36
Operator : SJ/JU
Sample : I5693-05DL 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

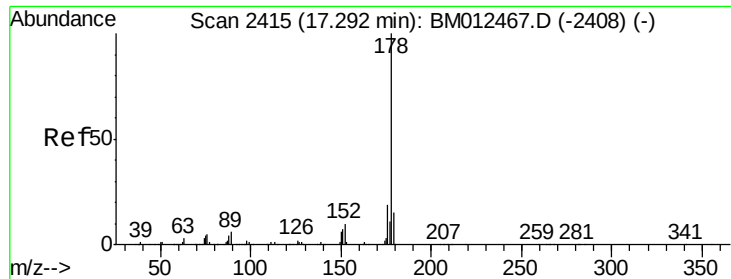
Instrument :
BNA_M
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Quant Time: Oct 26 15:28:48 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration





#69

Phenanthrene

Concen: 1.706 ng/ul

RT: 17.29 min Scan# 2415

Delta R.T. 0.00 min

Lab File: BM012471.D

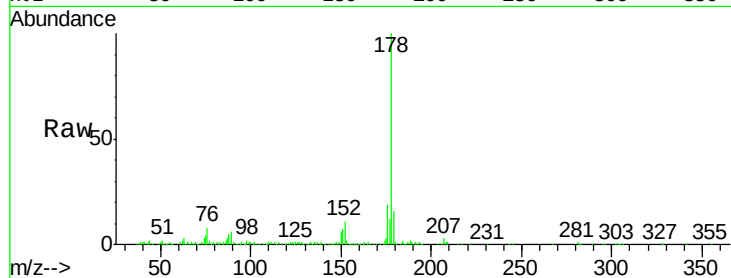
Acq: 26 Oct 2017 13:36

Instrument :

BNA_M

ClientSampleId :

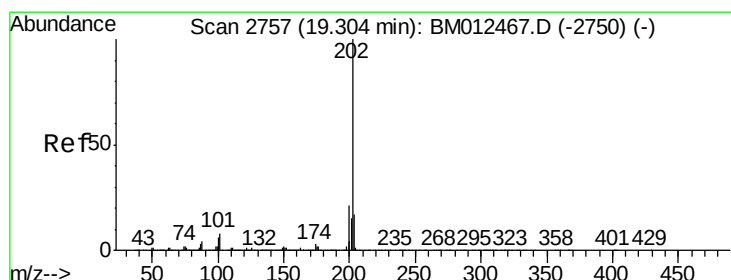
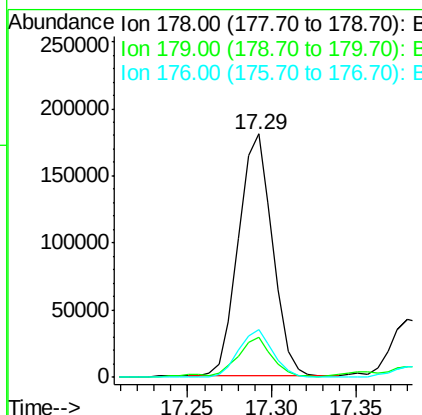
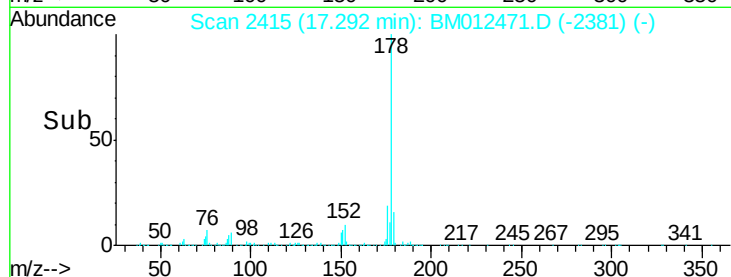
B-33(0.5-1.5)-100417DL



Tgt Ion	Ratio	Resp	Lower	Upper
178	100	253247		
179	16.3		12.6	19.0
176	19.5		14.9	22.3

Manual Integrations
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#74

Fluoranthene

Concen: 1.928 ng/ul

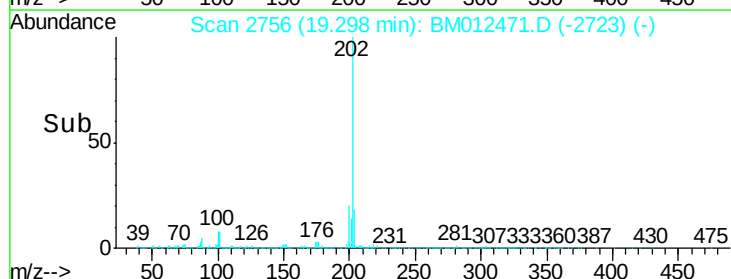
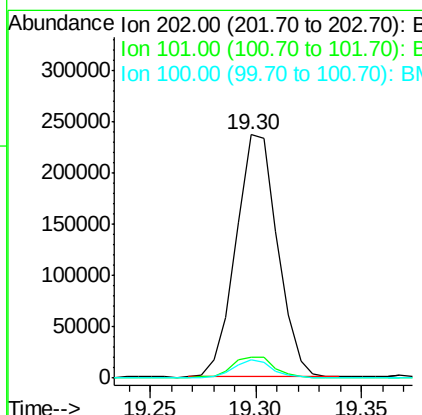
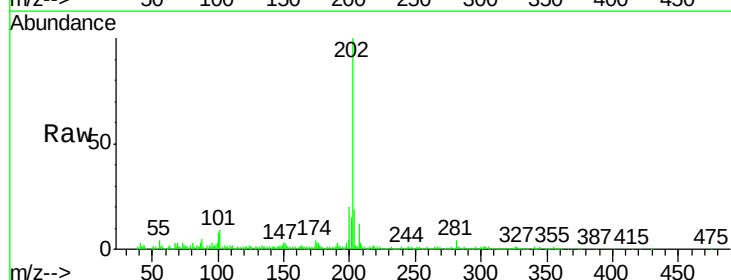
RT: 19.30 min Scan# 2756

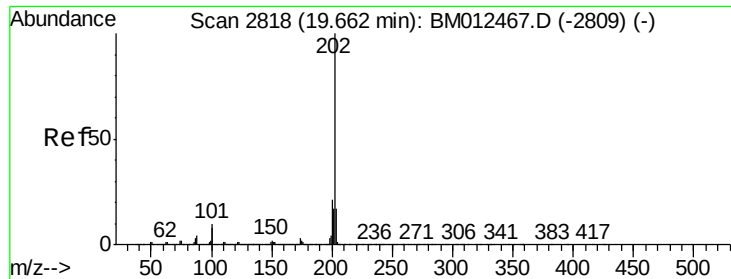
Delta R.T. -0.01 min

Lab File: BM012471.D

Acq: 26 Oct 2017 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	324174		
101	8.6		4.6	7.0#
100	7.8		3.4	5.2#





#77

Pyrene

Concen: 2.226 ng/ul

RT: 19.66 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BM012471.D

Acq: 26 Oct 2017 13:36

Instrument :

BNA_M

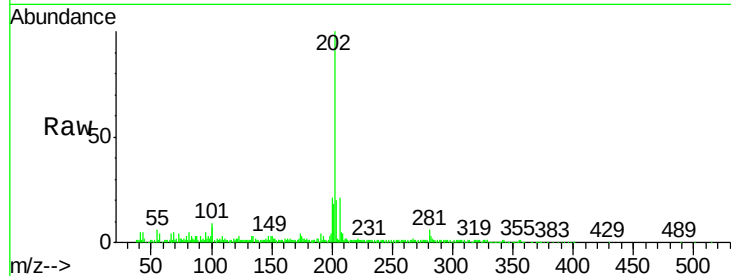
ClientSampleId :

B-33(0.5-1.5)-100417DL

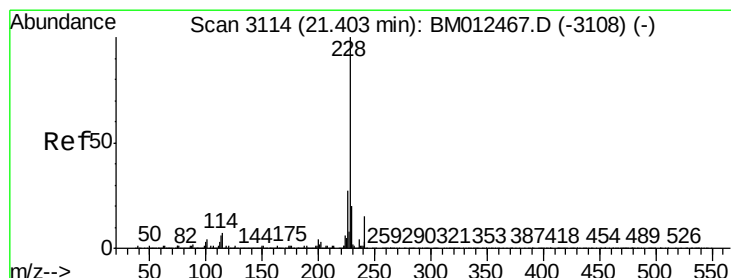
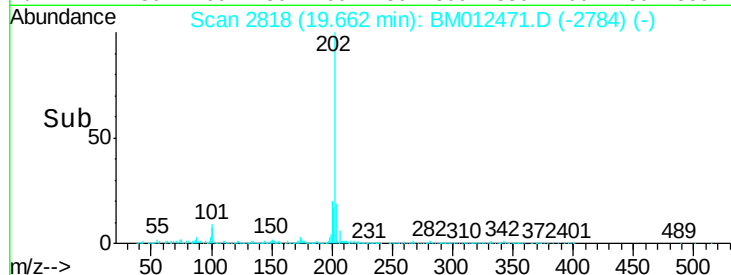
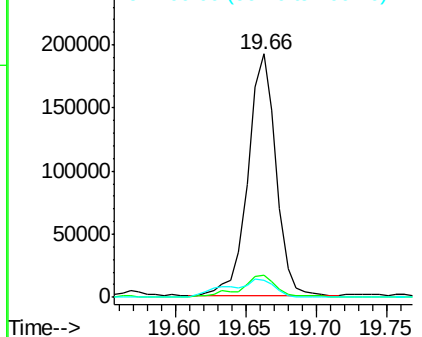
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.2	5.1	7.7#
100	7.0	4.9	7.3

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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: 1.231 ng/ul

RT: 21.40 min Scan# 3114

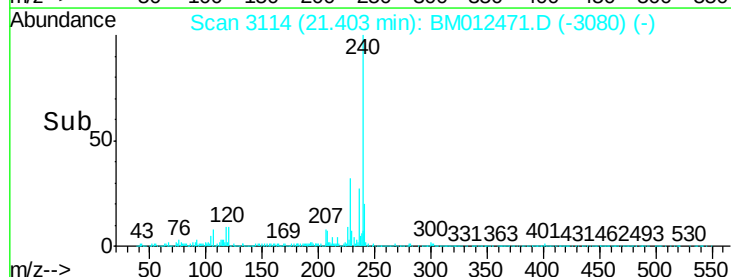
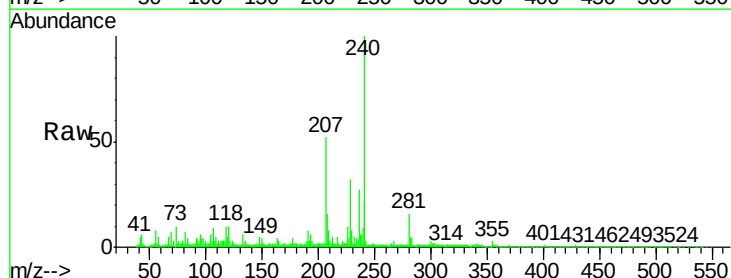
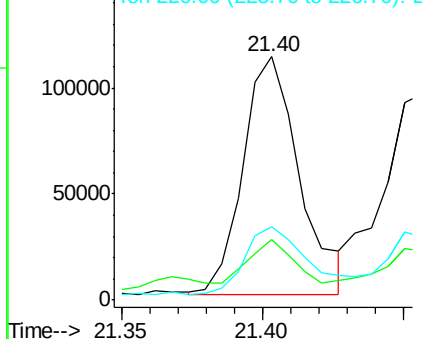
Delta R.T. 0.00 min

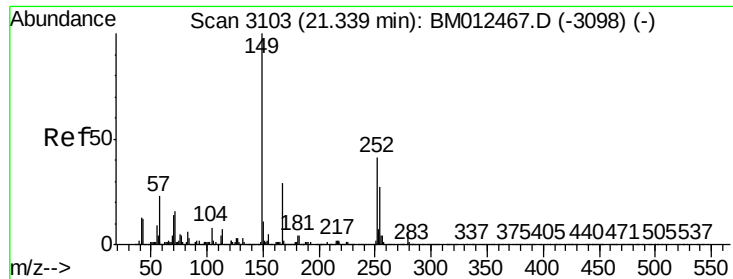
Lab File: BM012471.D

Acq: 26 Oct 2017 13:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	24.7	15.4	23.0#
226	30.0	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





#81

Bis(2-ethylhexyl)phthalate

Concen: 58.000 ng/ul

RT: 21.34 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM012471.D

Acq: 26 Oct 2017 13:36

Instrument :

BNA_M

ClientSampleId :

B-33(0.5-1.5)-100417DL

Tgt Ion:149 Resp: 4180426

Ion Ratio Lower Upper

149 100

167 28.6 22.8 34.2

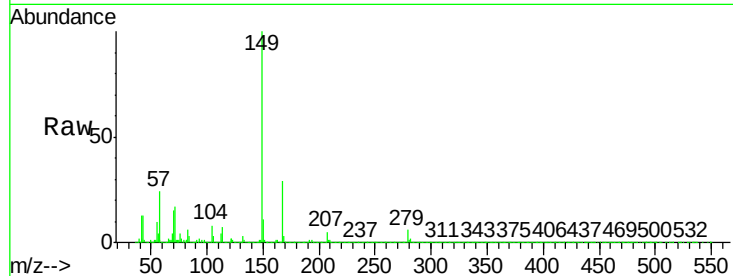
279 5.5 4.9 7.3

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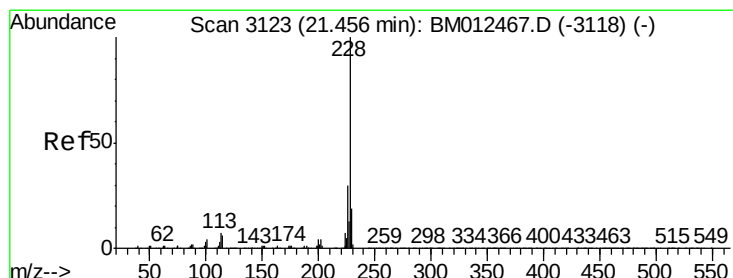
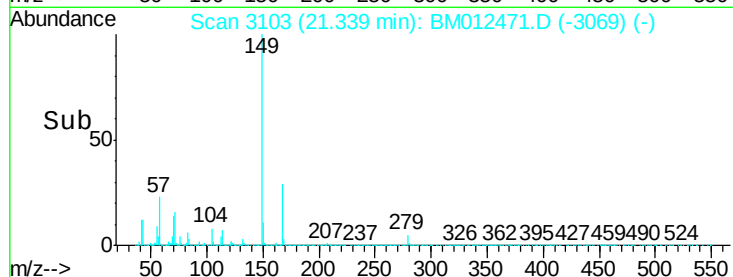
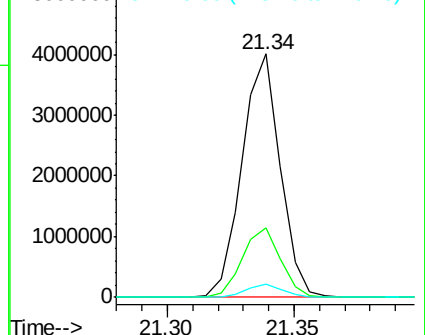
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#82

Chrysene

Concen: 1.197 ng/ul

RT: 21.46 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BM012471.D

Acq: 26 Oct 2017 13:36

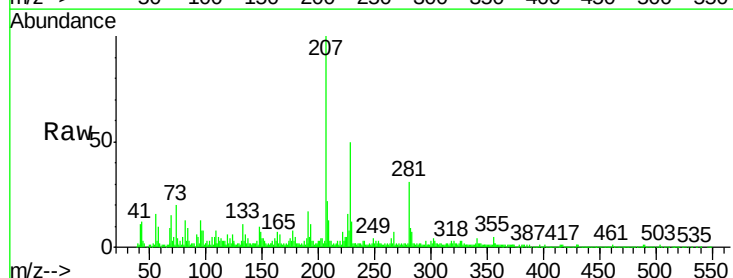
Tgt Ion:228 Resp: 134753

Ion Ratio Lower Upper

228 100

226 31.7 23.4 35.2

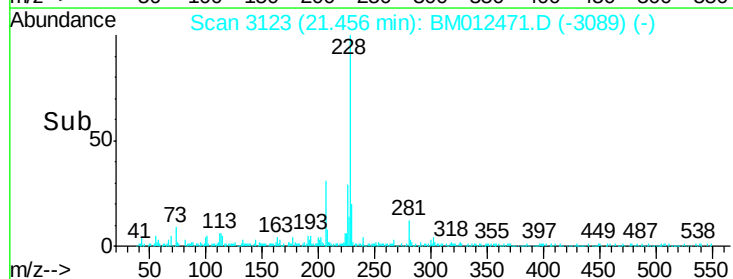
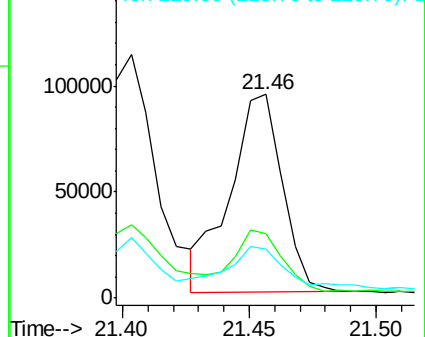
229 23.9 15.5 23.3#

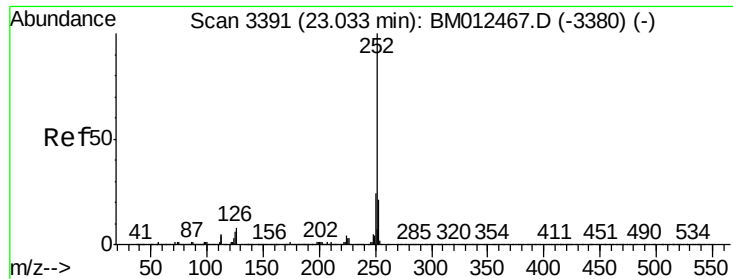


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





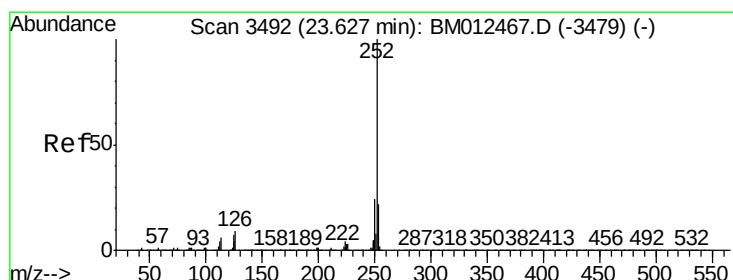
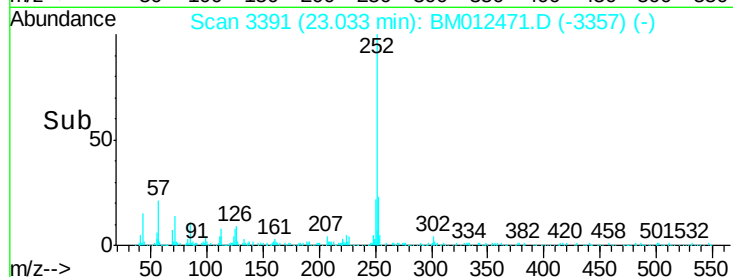
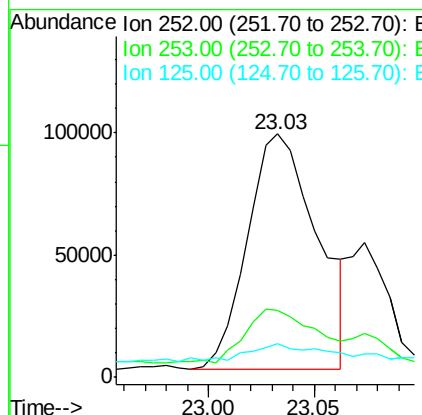
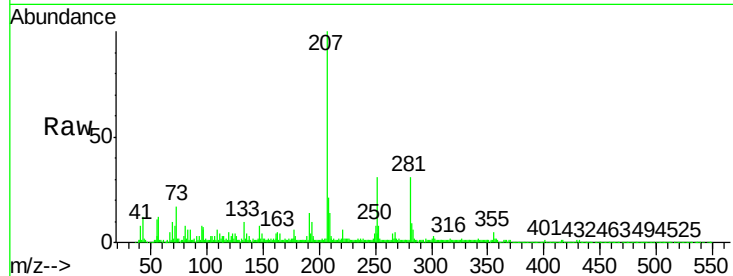
#85
Benzo(b)fluoranthene
Concen: 1.497 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. 0.00 min
Lab File: BM012471.D
Acq: 26 Oct 2017 13:36

Instrument :
BNA_M
ClientSampleId :
B-33(0.5-1.5)-100417DL

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	27.4	17.9	26.9#
125	14.0	3.6	5.4#

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#88
Benzo(a)pyrene
Concen: 1.081 ng/ul
RT: 23.63 min Scan# 3492
Delta R.T. 0.00 min
Lab File: BM012471.D
Acq: 26 Oct 2017 13:36

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	27.8	18.2	27.2#
125	14.8	4.0	6.0#

