

Data File : BM012290.D
Acq On : 18 Oct 2017 21:49
Operator : SJ/JU
Sample : I5656-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B0CE3

Manual Integrations
APPROVED

Sohil
10/23/2017 3:49:40 PM

Quant Time: Oct 18 23:40:49 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 18 23:09:30 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	217089	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	954401	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	442982	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1050248	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	973429	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	822655	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	20448	4.48	ng/uL	0.00
5) Phenol-d5	6.95	99	613646	34.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	390988	37.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	582681	39.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	642428	42.36	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	304009	41.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	364128	42.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	659317	40.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	831711	54.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1755511	44.84	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2062408	43.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	176488	29.98	ng/ul	0.00
57) Fluorene-d10	15.43	176	1472672	45.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	261249	36.24	ng/ul	0.00
70) Anthracene-d10	17.28	188	2256795	43.46	ng/ul	0.00
76) Pyrene-d10	19.57	212	2587215	52.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	1831610	46.18	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.98	94	110621	6.075	ng/ul#	90
44) Dimethylphthalate	13.89	163	534855	13.635	ng/ul	98
69) Phenanthrene	17.22	178	133946	2.242	ng/ul	98
74) Fluoranthene	19.25	202	167895	2.329	ng/ul	99
77) Pyrene	19.60	202	150665	2.344	ng/ul	99
80) Benzo(a)anthracene	21.34	228	81479m	1.286	ng/ul	
82) Chrysene	21.40	228	68526	1.152	ng/ul	95

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

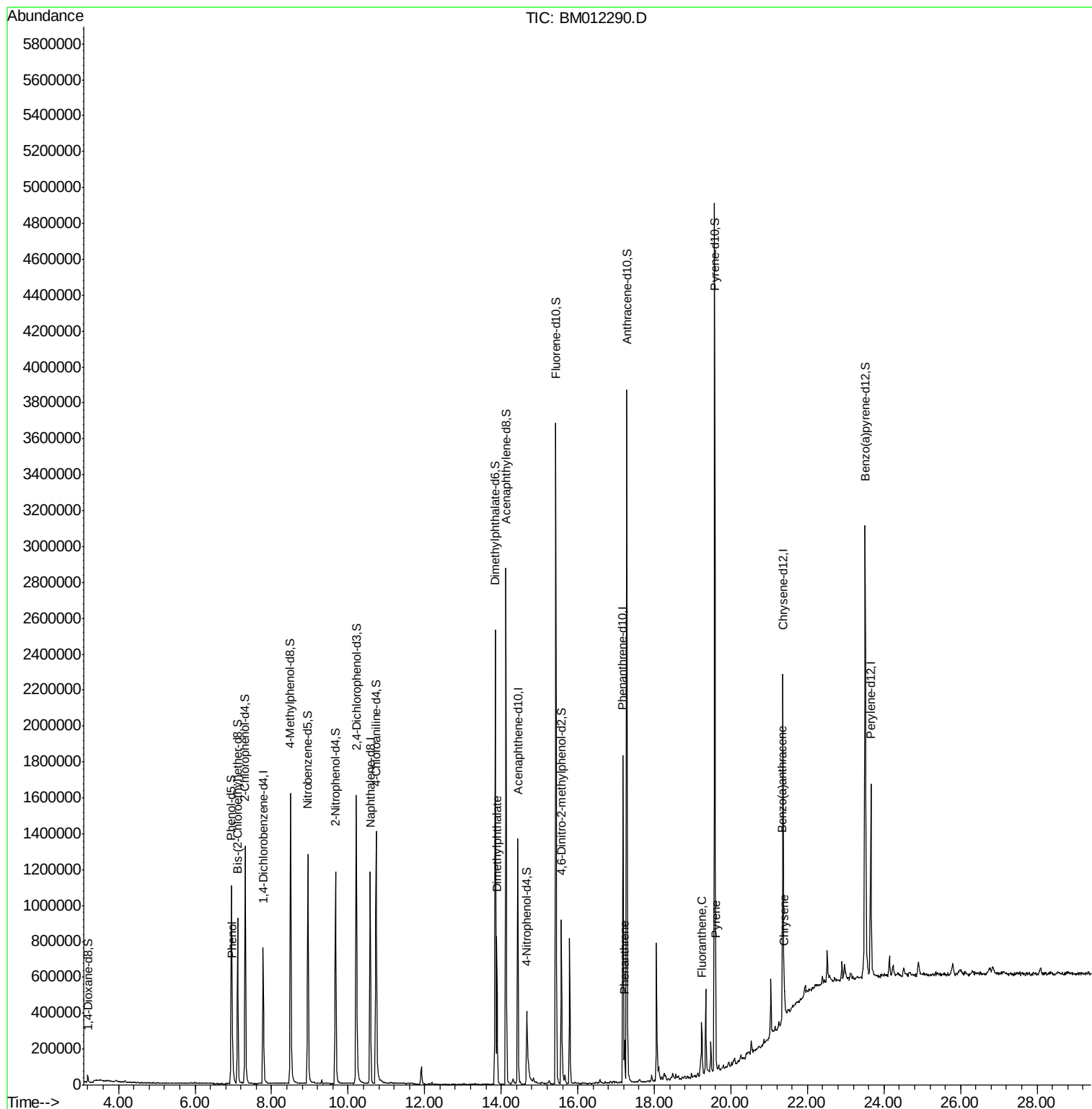
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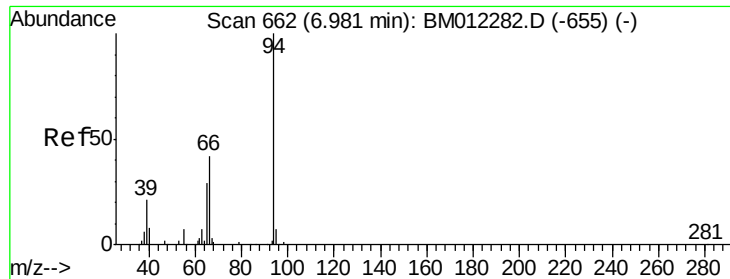
Instrument :
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#6

Phenol

Concen: 6.075 ng/ul

RT: 6.98 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM012290.D

Acq: 18 Oct 2017 21:49

Instrument :

BNA_M

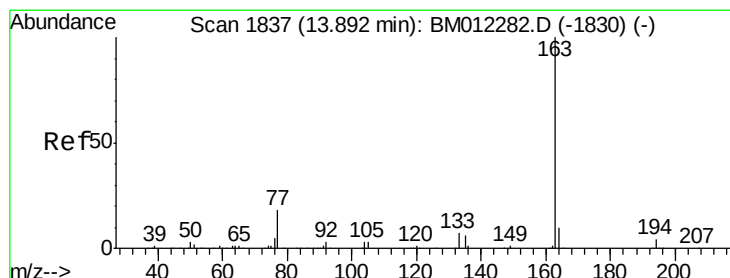
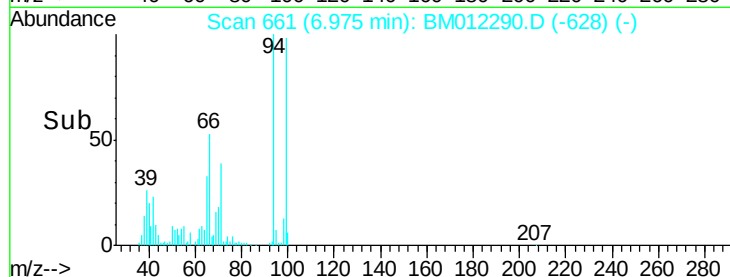
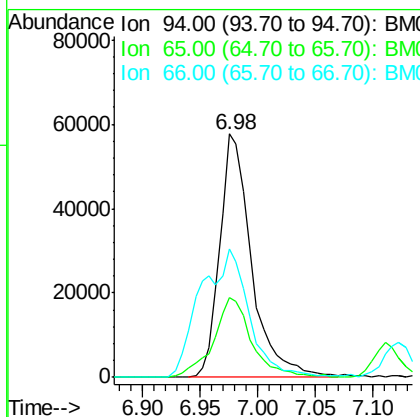
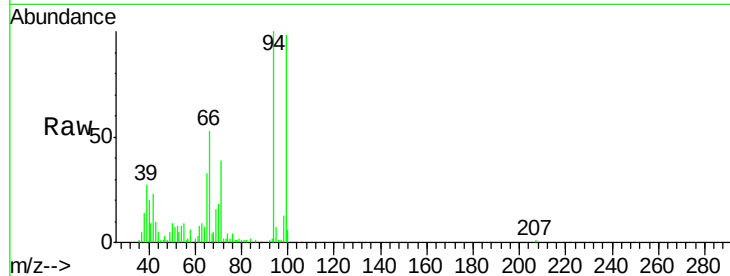
ClientSampleId :

B0CE3

Tgt Ion:	94	Resp:	110621
Ion Ratio		Lower	Upper
94	100		
65	32.9	24.4	36.6
66	52.7	35.0	52.4#

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#44

Dimethylphthalate

Concen: 13.635 ng/ul

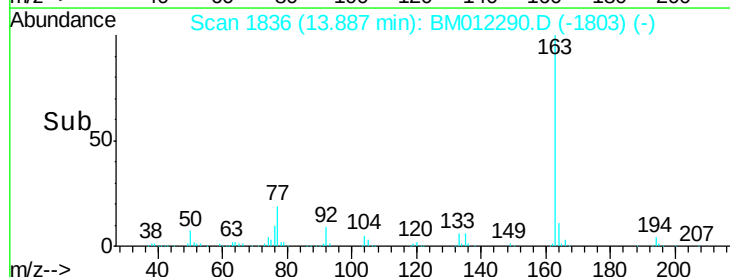
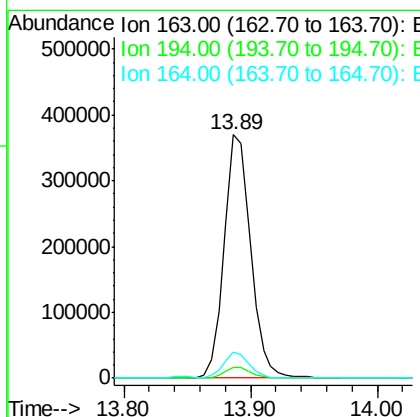
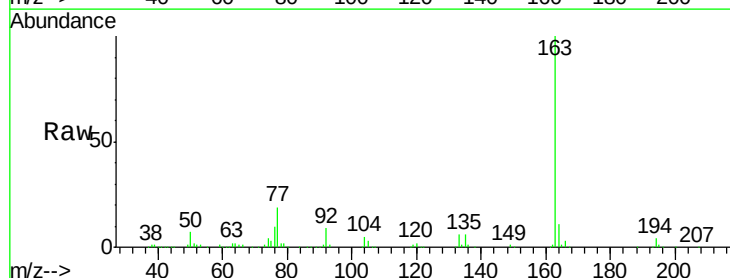
RT: 13.89 min Scan# 1836

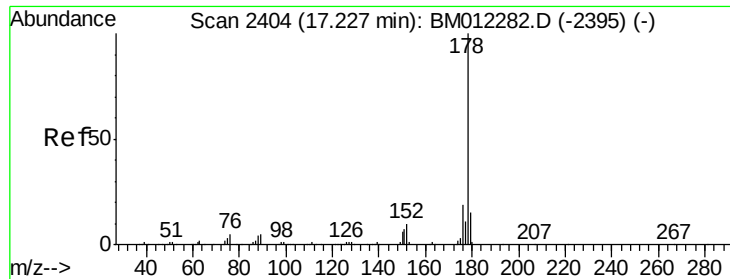
Delta R.T. -0.01 min

Lab File: BM012290.D

Acq: 18 Oct 2017 21:49

Tgt Ion:	163	Resp:	534855
Ion Ratio		Lower	Upper
163	100		
194	4.2	3.7	5.5
164	10.8	8.1	12.1





#69

Phenanthrene

Concen: 2.242 ng/ul

RT: 17.22 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BM012290.D

Acq: 18 Oct 2017 21:49

Instrument :

BNA_M

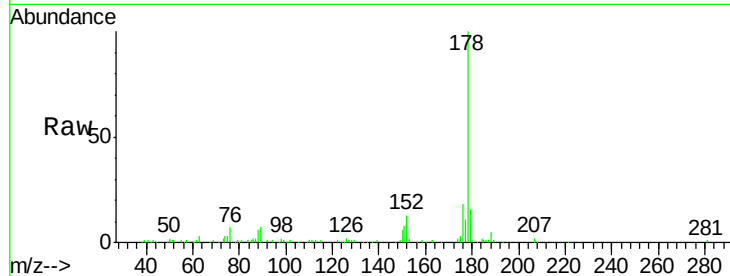
ClientSampleId :

B0CE3

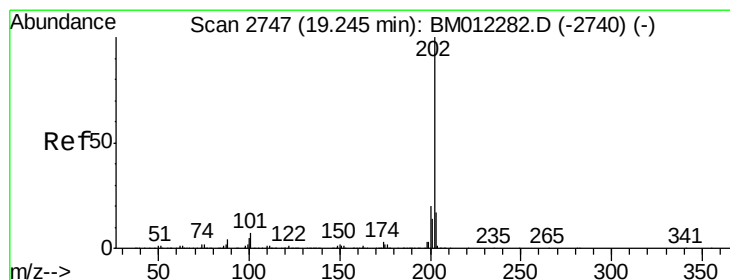
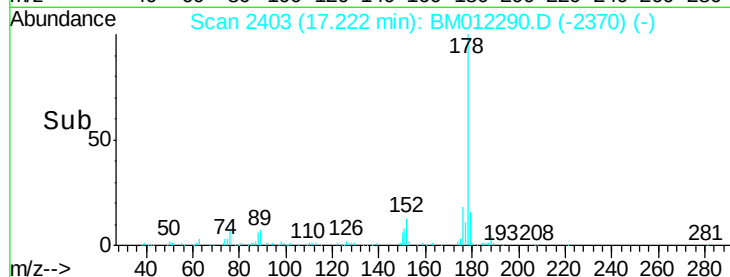
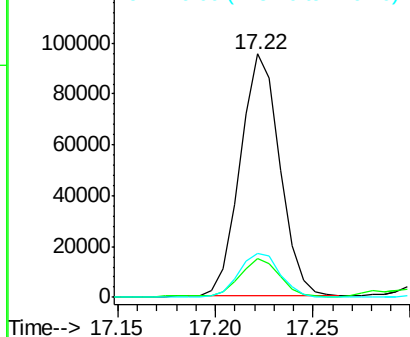
Tgt Ion:	178	Resp:	133946
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.0	18.0
176	18.0	15.0	22.6

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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



#74

Fluoranthene

Concen: 2.329 ng/ul

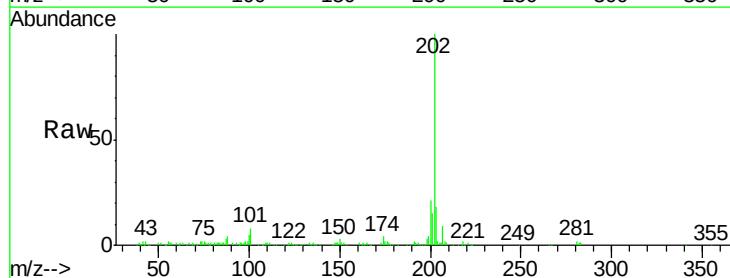
RT: 19.25 min Scan# 2747

Delta R.T. 0.00 min

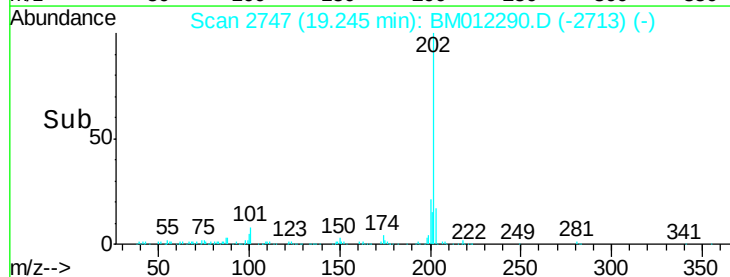
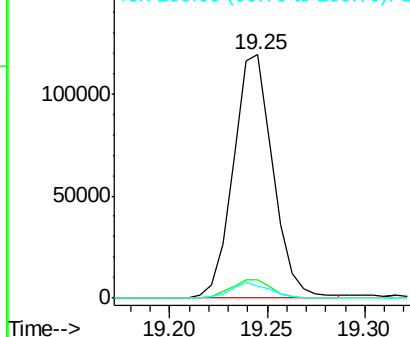
Lab File: BM012290.D

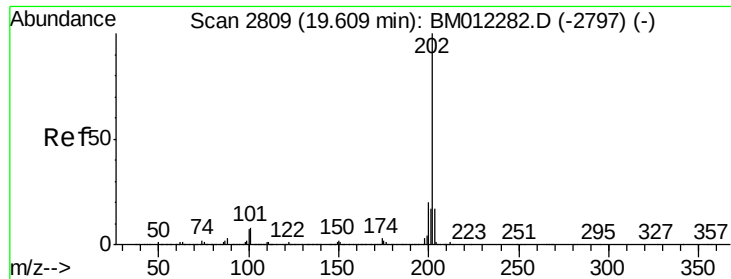
Acq: 18 Oct 2017 21:49

Tgt Ion:	202	Resp:	167895
Ion Ratio	Lower	Upper	
202	100		
101	7.8	5.8	8.6
100	5.0	4.3	6.5



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





#77

Pyrene

Concen: 2.344 ng/ul

RT: 19.60 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BM012290.D

Acq: 18 Oct 2017 21:49

Instrument :

BNA_M

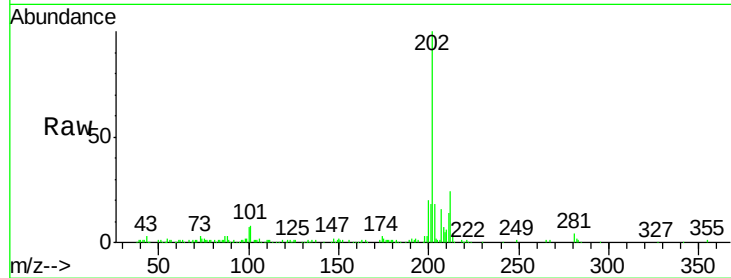
ClientSampled :

B0CE3

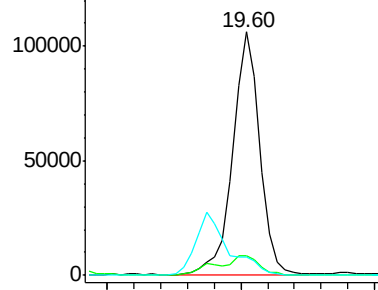
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		150665		
101	8.3		6.5		9.7
100	7.3		5.6		8.4

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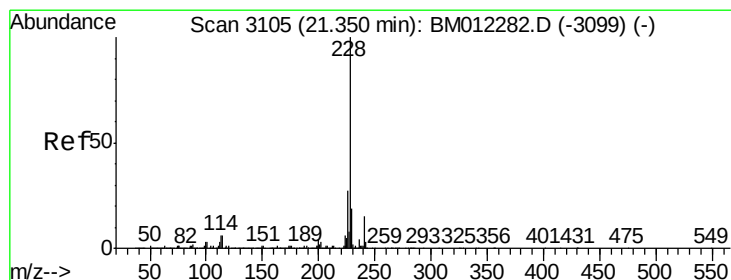
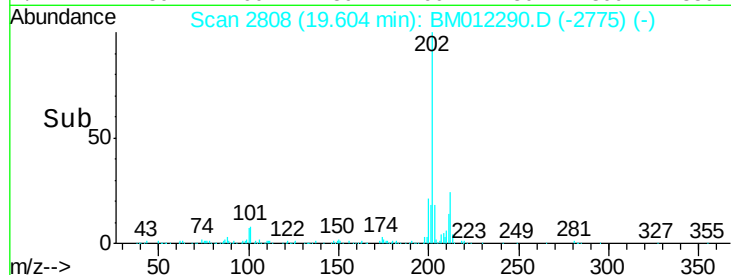
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->



#80

Benzo(a)anthracene

Concen: 1.286 ng/ul m

RT: 21.34 min Scan# 3104

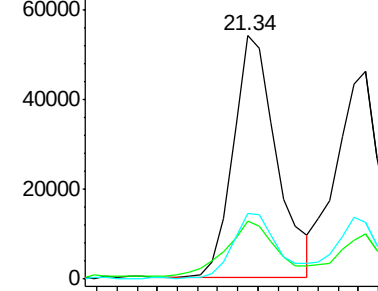
Delta R.T. -0.01 min

Lab File: BM012290.D

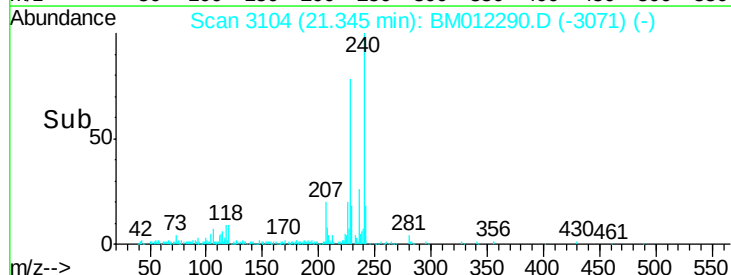
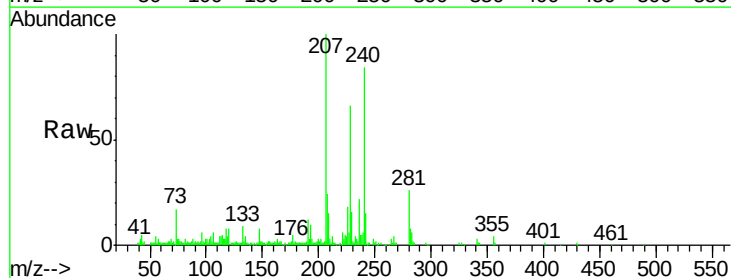
Acq: 18 Oct 2017 21:49

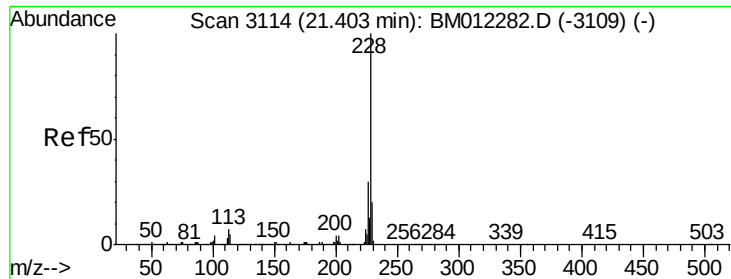
Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		81479		
229	24.0		15.8		23.8#
226	26.9		21.4		32.2

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



Time-->





#82
 Chrysene
 Concen: 1.152 ng/ul
 RT: 21.40 min Scan# 3114
 Delta R.T. 0.00 min
 Lab File: BM012290.D
 Acq: 18 Oct 2017 21:49

Instrument :
 BNA_M
 ClientSampleId :
 B0CE3

Tgt Ion:	228	Resp:	68526
Ion Ratio	Lower	Upper	
228	100		
226	27.6	24.0	36.0
229	22.0	15.5	23.3

Manual Integrations
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 10/23/2017 3:49:40 PM

