

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021656.D
 Acq On : 26 Jul 2019 03:44
 Operator : HP/JU
 Sample : K3893-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY7

Manual Integrations
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 7/26/2019 3:24:25 PM

Quant Time: Jul 26 06:22:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 01:21:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	129268	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	609335	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	448685	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1084164	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1262240	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1293033	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	8673	3.66	ng/uL	0.00
5) Phenol-d5	6.87	99	174259	15.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	114451	17.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	156425	18.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	133454	14.25	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	86891	19.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	96160	19.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	192877	17.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	182510	17.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	693430	18.04	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	785951	16.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	43514	6.60	ng/ul	0.01
57) Fluorene-d10	15.34	176	651989	18.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	40575	5.98	ng/ul	0.00
70) Anthracene-d10	17.19	188	1109362	20.80	ng/ul	0.00
78) Pyrene-d10	19.49	212	1377729	22.37	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1382867	20.03	ng/ul	-0.01

Target Compounds

					Ovalue
44) Dimethylphthalate	13.81	163	132990	3.603	ng/ul 98
69) Phenanthrene	17.13	178	134636	2.276	ng/ul 99
76) Fluoranthene	19.16	202	433840	5.916	ng/ul 100
79) Pyrene	19.52	202	378498	5.034	ng/ul 99
82) Benzo(a)anthracene	21.27	228	205785	2.487	ng/ul 99
84) Chrysene	21.32	228	254486	3.225	ng/ul 98
87) Benzo(b)fluoranthene	22.86	252	361375	4.623	ng/ul 98
88) Benzo(k)fluoranthene	22.89	252	97580m	1.272	ng/ul
90) Benzo(a)pyrene	23.43	252	196652	2.620	ng/ul# 96
91) Indeno(1,2,3-cd)pyrene	25.78	276	136437	1.497	ng/ul 96
93) Benzo(g,h,i)perylene	26.48	276	107731	1.459	ng/ul 98

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

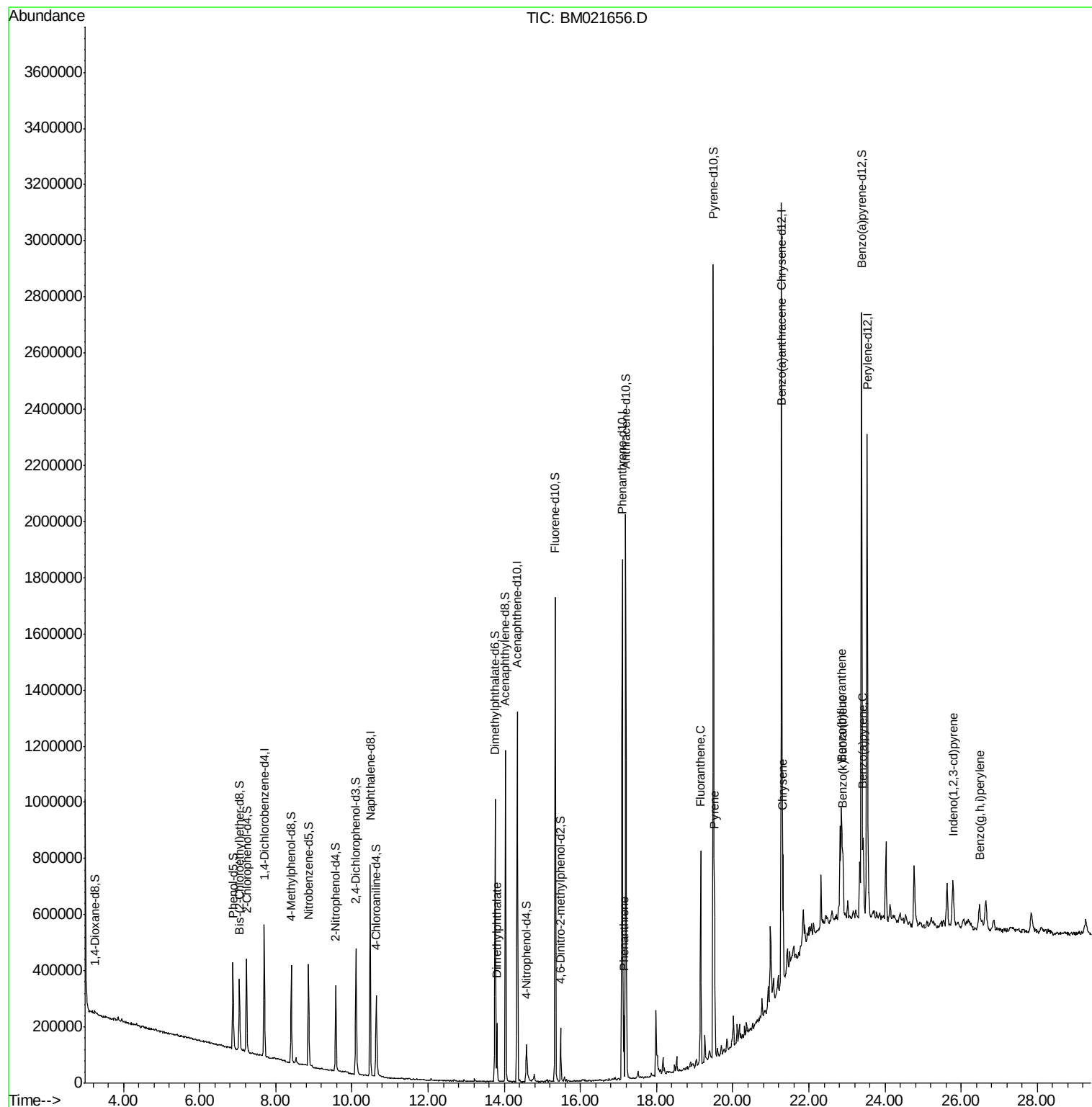
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021656.D
Acq On : 26 Jul 2019 03:44
Operator : HP/JU
Sample : K3893-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

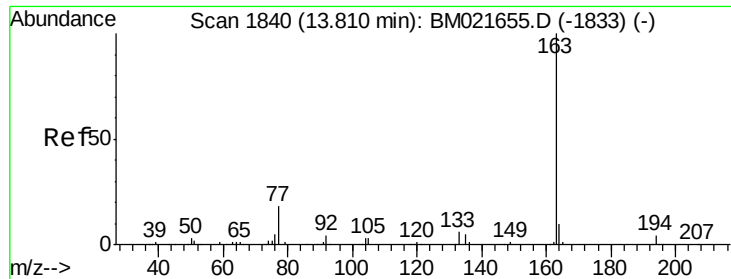
Instrument :
BNA_M
ClientSampled :
BENY7

Quant Time: Jul 26 06:22:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
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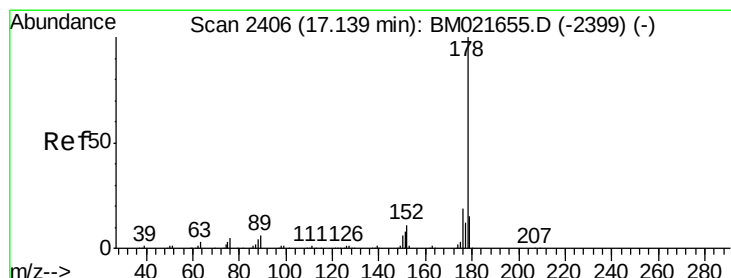
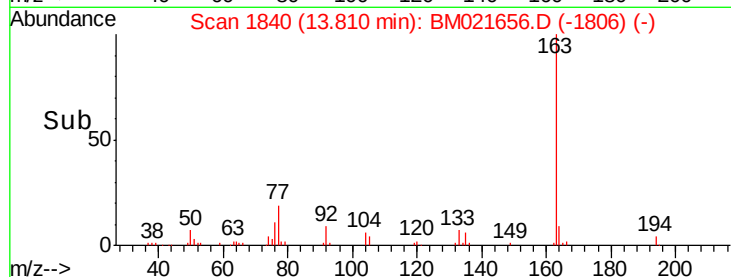
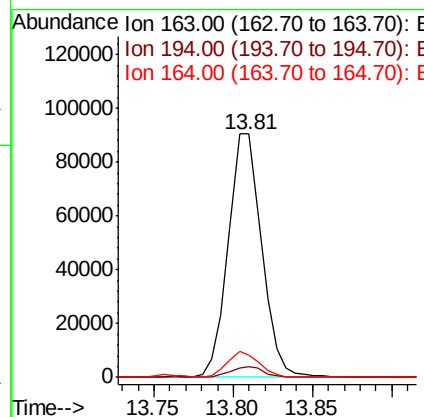
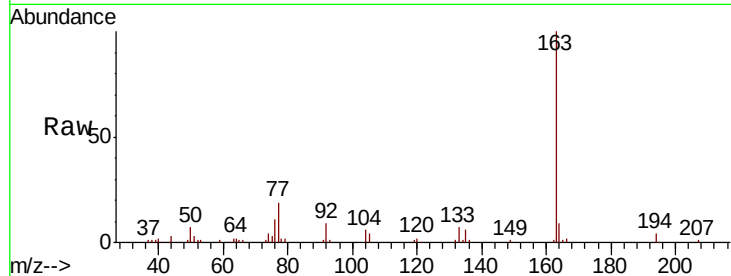
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Dimethylphthalate
Concen: 3.603 ng/ul
RT: 13.81 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BM021656.D
Acq: 26 Jul 2019 03:44

Instrument :
BNA_M
ClientSampleId :
BENY7

Tot Ion	Ratio	Resp	Lower	Upper
163	100	132990		
194	4.5		3.2	4.8
164	9.3		8.2	12.4

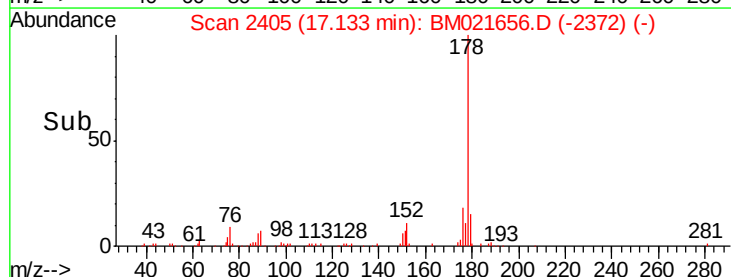
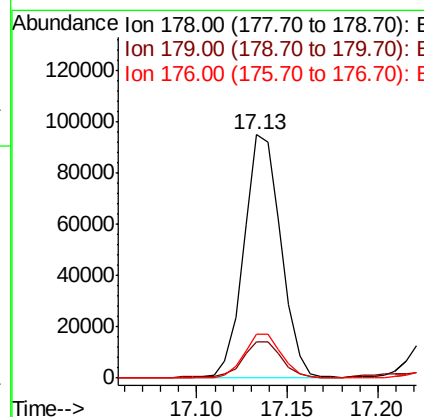
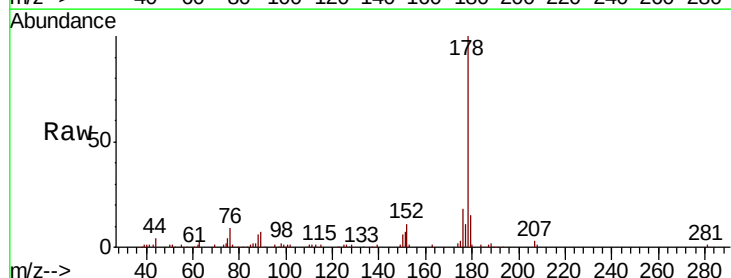
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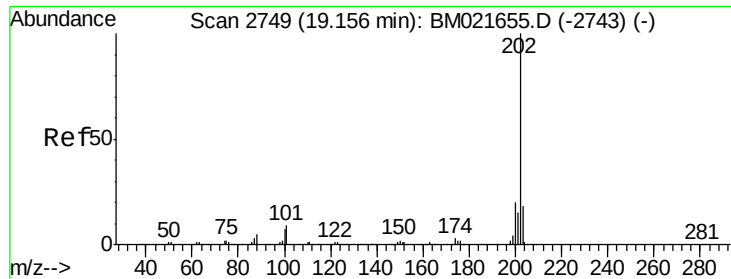
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#69
Phenanthrene
Concen: 2.276 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BM021656.D
Acq: 26 Jul 2019 03:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	134636		
179	15.1		12.2	18.2
176	18.2		15.0	22.4





#76

Fluoranthene

Concen: 5.916 ng/ul

RT: 19.16 min Scan# 2749

Delta R.T. -0.01 min

Lab File: BM021656.D

Acq: 26 Jul 2019 03:44

Instrument :

BNA_M

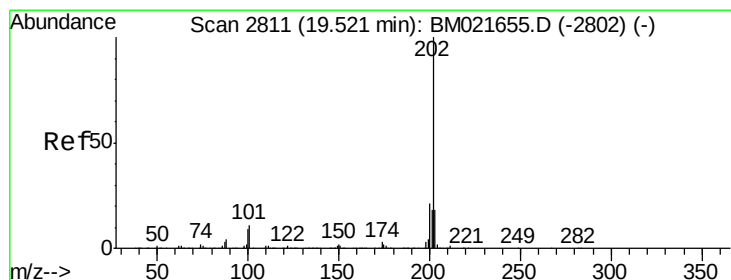
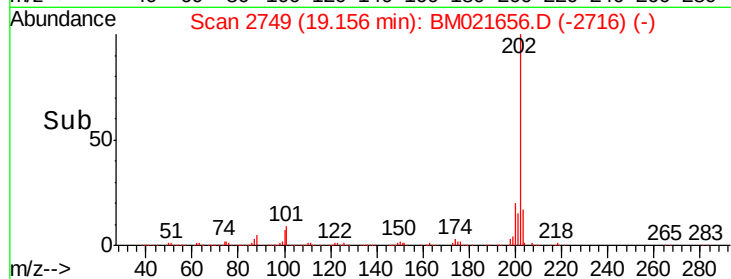
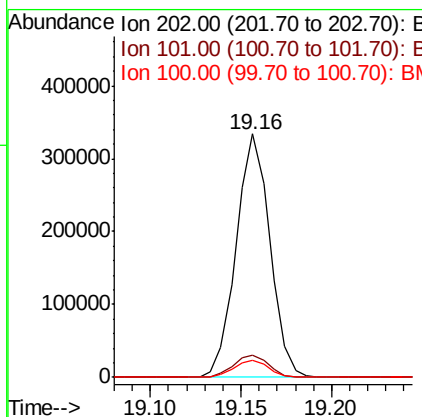
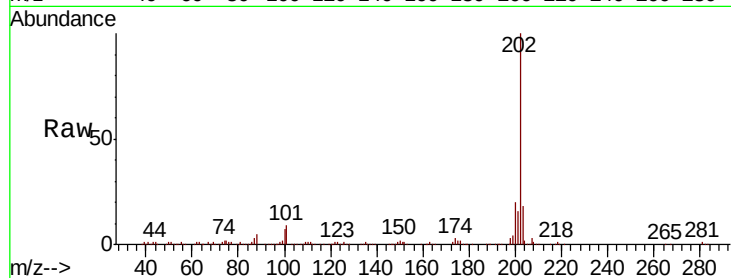
ClientSampleId :

BENY7

Tot Ion:	202	Resp:	433840
Ion Ratio	Lower	Upper	
202	100		
101	8.9	7.2	10.8
100	7.1	5.6	8.4

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#79

Pyrene

Concen: 5.034 ng/ul

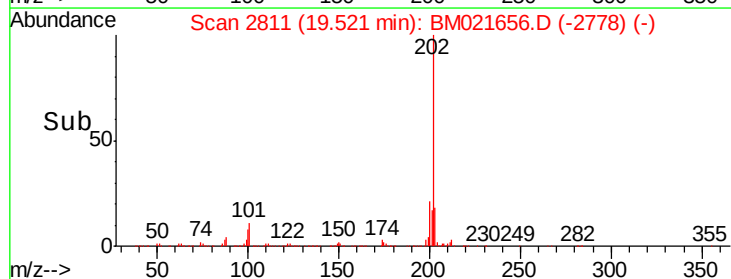
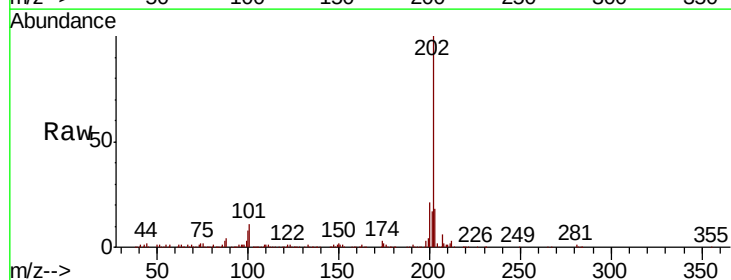
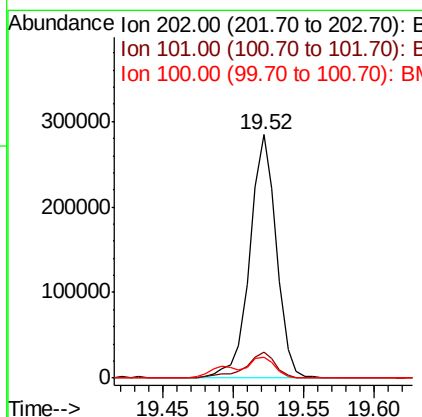
RT: 19.52 min Scan# 2811

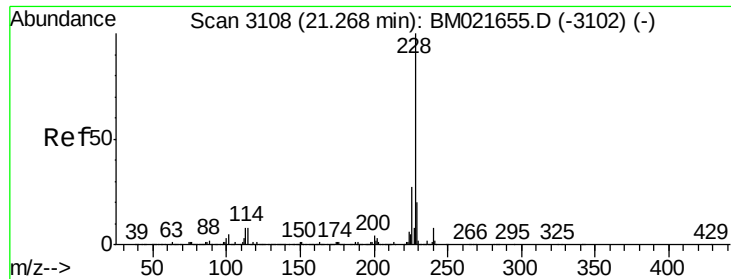
Delta R.T. -0.01 min

Lab File: BM021656.D

Acq: 26 Jul 2019 03:44

Tgt Ion:	202	Resp:	378498
Ion Ratio	Lower	Upper	
202	100		
101	10.8	8.6	13.0
100	8.4	7.1	10.7





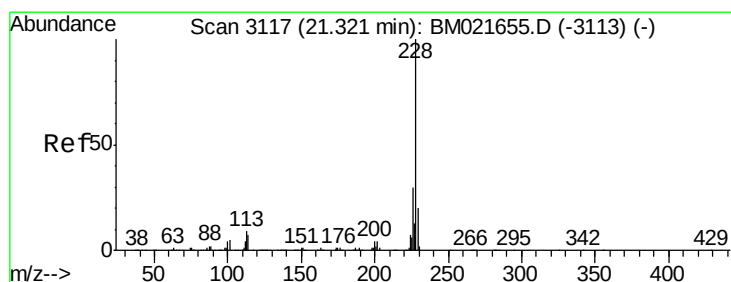
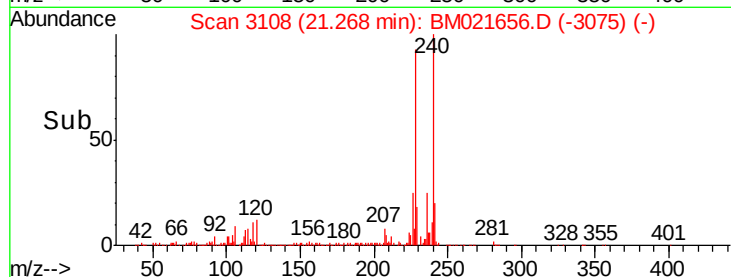
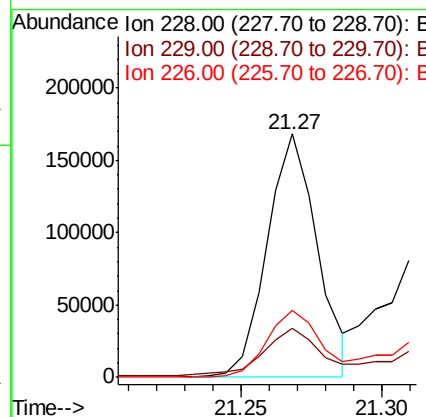
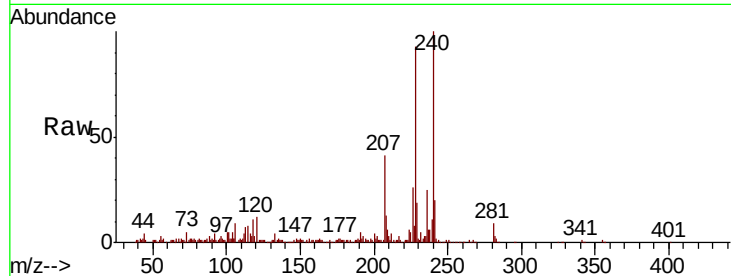
#82
Benzo(a)anthracene
Concen: 2.487 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM021656.D
Acq: 26 Jul 2019 03:44

Instrument :
BNA_M
ClientSampleId :
BENY7

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.6
226	27.7	21.7	32.5

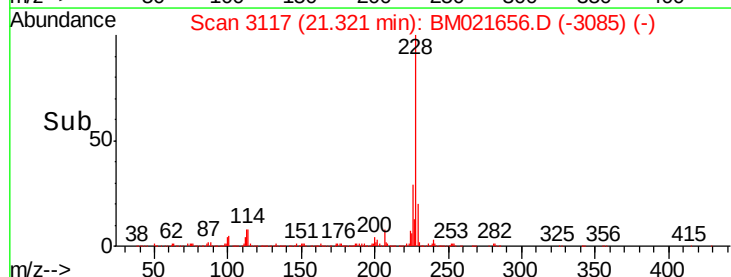
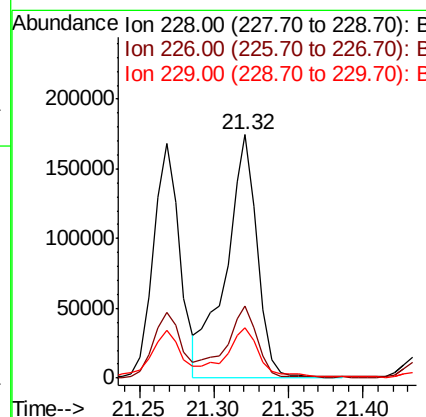
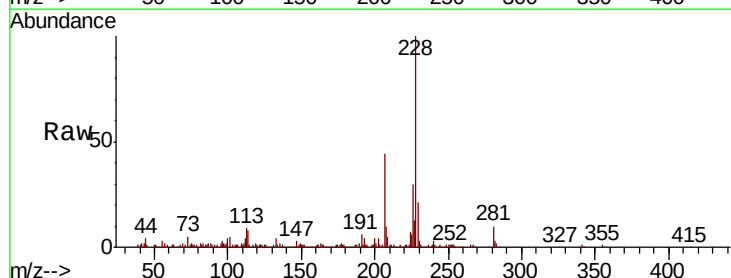
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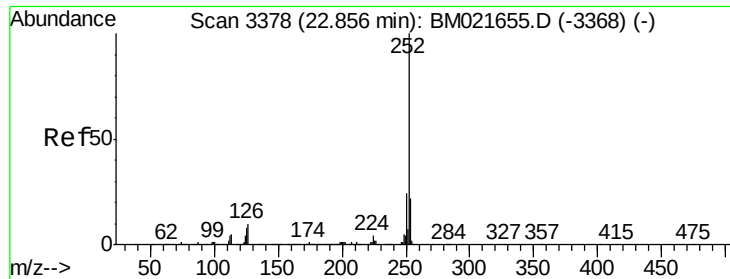
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#84
Chrysene
Concen: 3.225 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM021656.D
Acq: 26 Jul 2019 03:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	20.5	15.4	23.2





#87

Benzo(b)fluoranthene

Concen: 4.623 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. -0.01 min

Lab File: BM021656.D

Acq: 26 Jul 2019 03:44

Instrument :

BNA_M

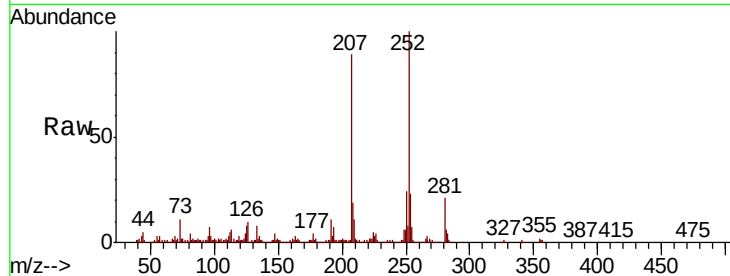
ClientSampleId :

BENY7

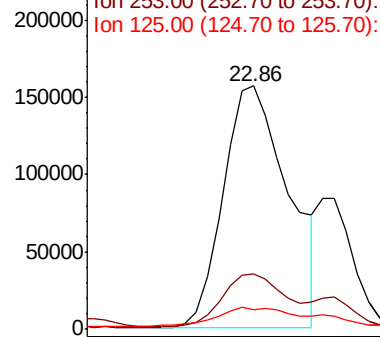
Tot Ion:	252	Resp:	361375
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.6	26.4
125	8.2	5.8	8.6

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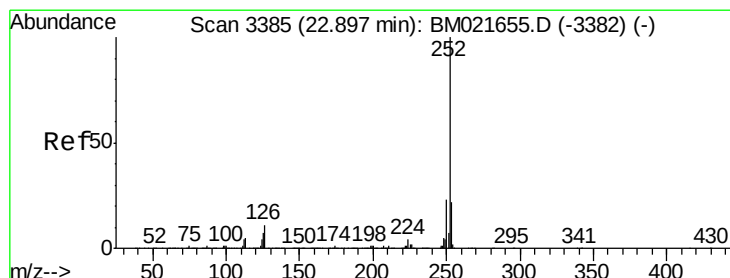
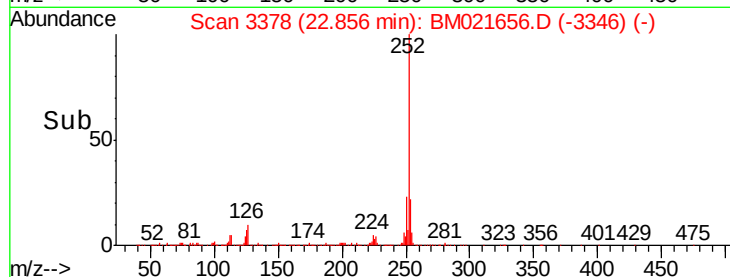
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#88

Benzo(k)fluoranthene

Concen: 1.272 ng/ul m

RT: 22.89 min Scan# 3384

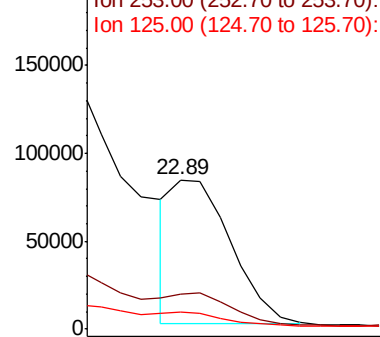
Delta R.T. -0.02 min

Lab File: BM021656.D

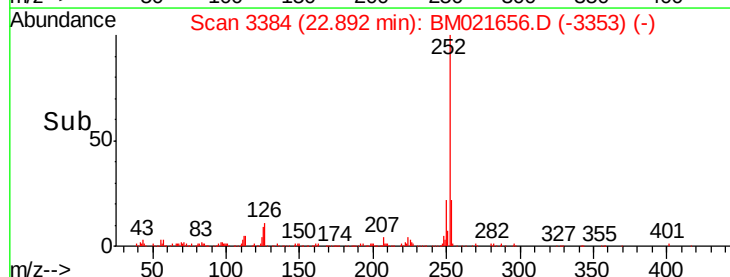
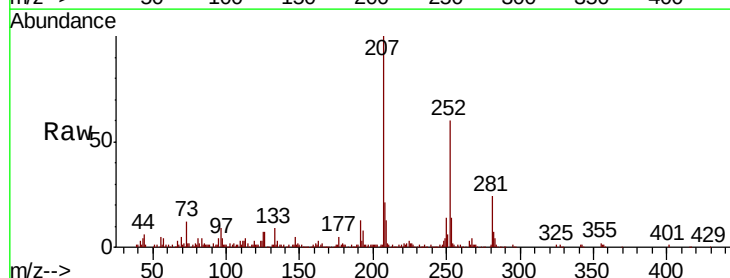
Acq: 26 Jul 2019 03:44

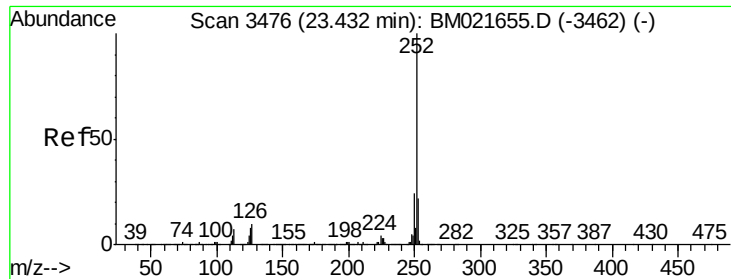
Tgt Ion:	252	Resp:	97580
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.7	26.5
125	11.1	6.4	9.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





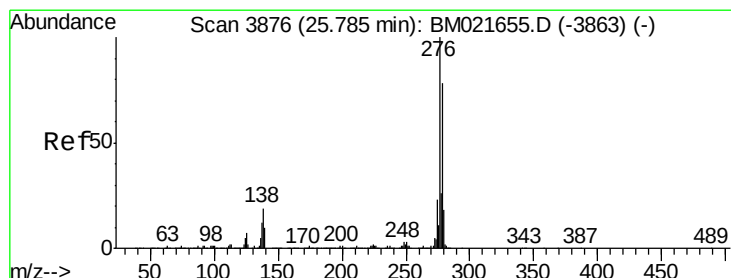
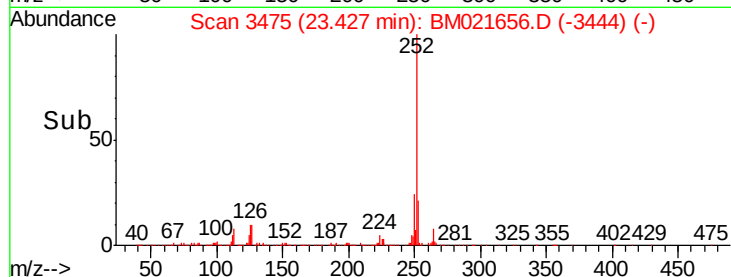
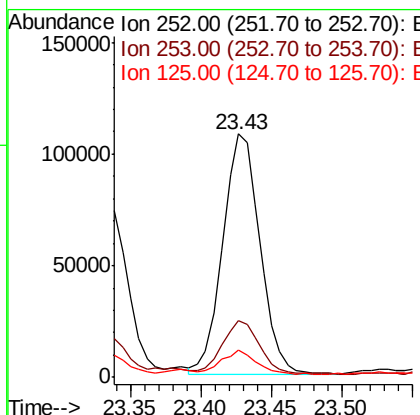
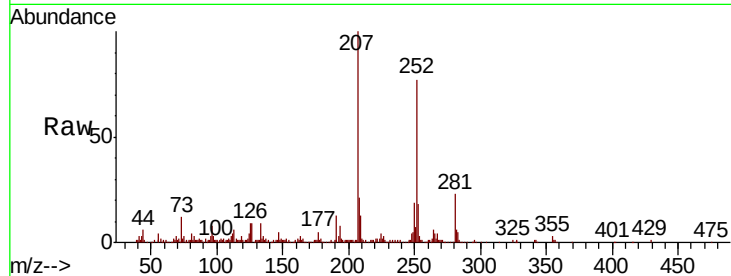
#90
Benzo(a)pyrene
Concen: 2.620 ng/ul
RT: 23.43 min Scan# 3475
Delta R.T. -0.02 min
Lab File: BM021656.D
Acq: 26 Jul 2019 03:44

Instrument :
BNA_M
ClientSampleId :
BENY7

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.3	17.8	26.6
125	11.3	7.0	10.4

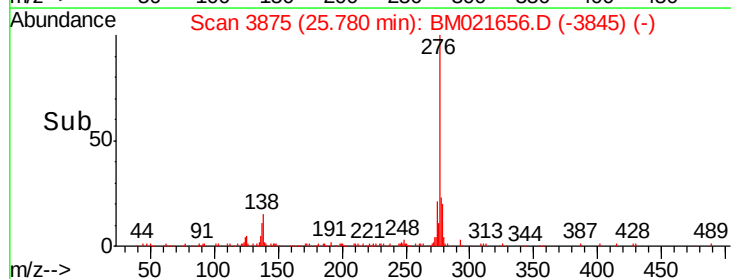
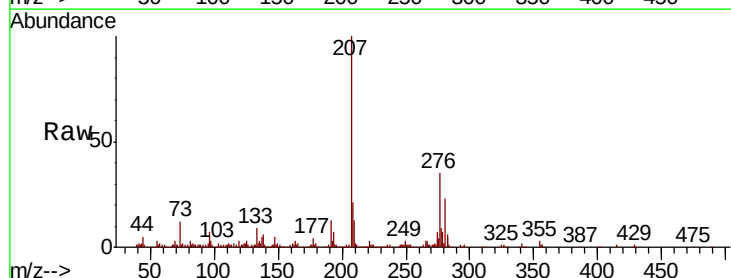
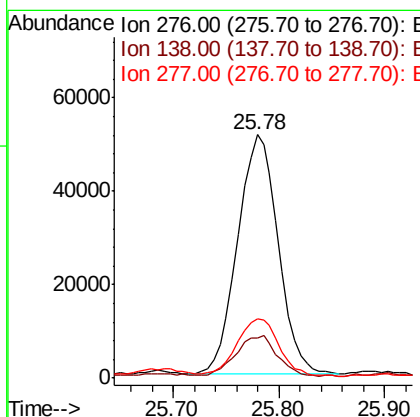
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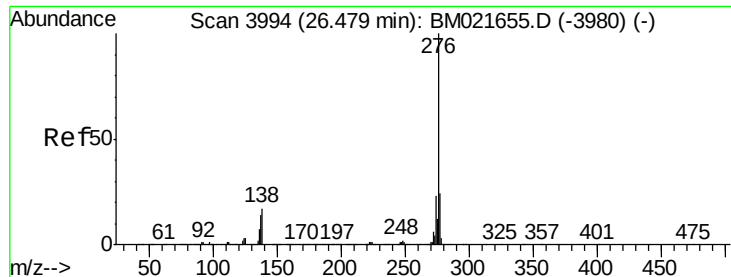
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#91
Indeno(1,2,3-cd)pyrene
Concen: 1.497 ng/ul
RT: 25.78 min Scan# 3875
Delta R.T. -0.02 min
Lab File: BM021656.D
Acq: 26 Jul 2019 03:44

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	16.3	15.2	22.8
277	24.2	20.2	30.2





#93

Benzo(a,h,i)perylene

Concen: 1.459 ng/ul

RT: 26.48 min Scan# 3994

Delta R.T. -0.01 min

Lab File: BM021656.D

Acq: 26 Jul 2019 03:44

Instrument :

BNA_M

ClientSampleId :

BENY7

Tot Ion:	276	Resp:	107731
Ion Ratio	Lower	Upper	
276	100		
138	16.1	13.7	20.5
277	24.8	19.0	28.6

Manual Integrations
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