

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
 Data File : BM021343.D
 Acq On : 02 Jul 2019 15:10
 Operator : HP/JU
 Sample : K3594-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BD2

Manual Integrations
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mohammad
 7/3/2019 10:50:25 PM

Quant Time: Jul 02 17:28:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 02 01:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	228368	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	989928	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	603510	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1246681	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	899215	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1075600	20.00	ng/ul	0.00

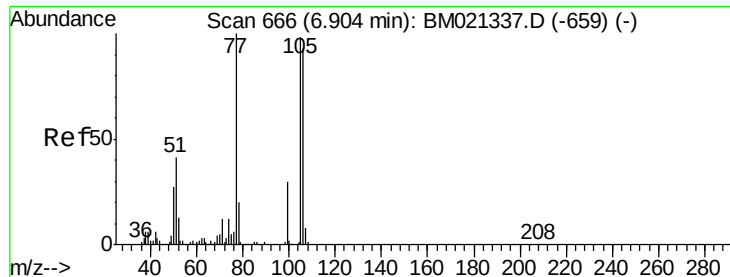
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	18379	3.82	ng/uL	0.00
5) Phenol-d5	6.92	99	502941	25.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	288907	24.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	419446	25.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	428329	25.81	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	224856	27.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	265066	29.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	516023	28.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	256096	13.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1553903	28.50	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1772131	26.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	177037	19.96	ng/ul	0.00
57) Fluorene-d10	15.39	176	1312789	27.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	134385	17.54	ng/ul	0.00
70) Anthracene-d10	17.24	188	1686563	26.03	ng/ul	0.00
78) Pyrene-d10	19.54	212	1592823	29.52	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1657284	26.12	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.91	77	11485	1.267	ng/ul	95
44) Dimethylphthalate	13.85	163	501410	10.101	ng/ul	99
69) Phenanthrene	17.19	178	572007	8.296	ng/ul	99
71) Anthracene	17.27	178	77741	1.106	ng/ul	99
75) Di-n-butylphthalate	18.11	149	70757	1.018	ng/ul	97
76) Fluoranthene	19.20	202	1418026	19.034	ng/ul	99
79) Pyrene	19.57	202	1117568	17.580	ng/ul	99
82) Benzo(a)anthracene	21.32	228	530501	8.654	ng/ul	98
84) Chrysene	21.37	228	679003	11.826	ng/ul	99
87) Benzo(b)fluoranthene	22.92	252	1035968	15.205	ng/ul#	98
88) Benzo(k)fluoranthene	22.96	252	338420m	5.163	ng/ul	
90) Benzo(a)pyrene	23.50	252	578379	9.019	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.90	276	494768	6.552	ng/ul	96
92) Dibenzo(a,h)anthracene	25.90	278	125524	1.976	ng/ul#	91
93) Benzo(g,h,i)perylene	26.60	276	405074	6.513	ng/ul	98

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



#4

Benzaldehyde

Concen: 1.267 ng/ul

RT: 6.91 min Scan# 667

Delta R.T. -0.00 min

Lab File: BM021343.D

Acq: 02 Jul 2019 15:10

Instrument :

BNA_M

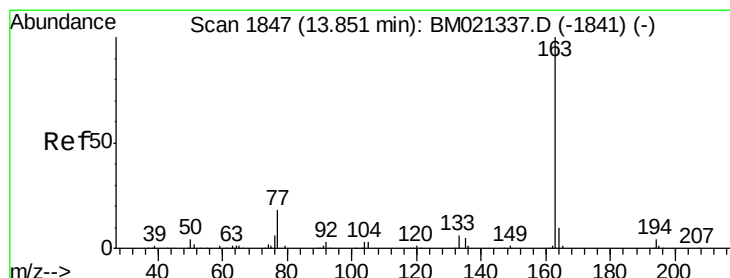
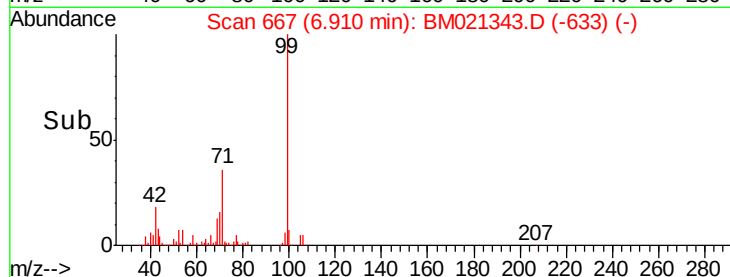
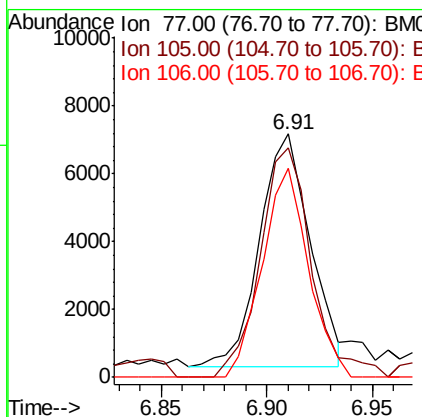
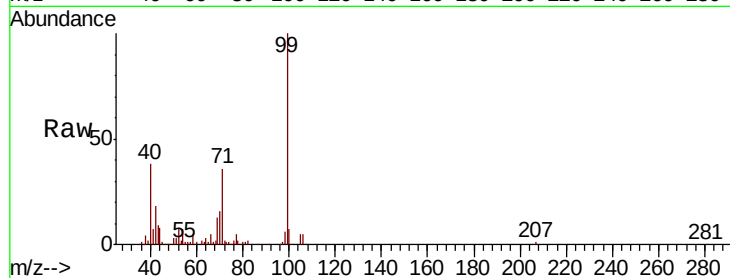
ClientSampleId :

C5BD2

Tot Ion:	77	Resp:	11485
Ion	Ratio	Lower	Upper
77	100		
105	94.5	78.1	117.1
106	85.9	73.4	110.2

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#44

Dimethylphthalate

Concen: 10.101 ng/ul

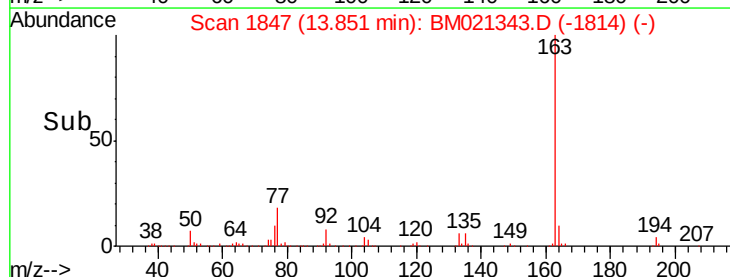
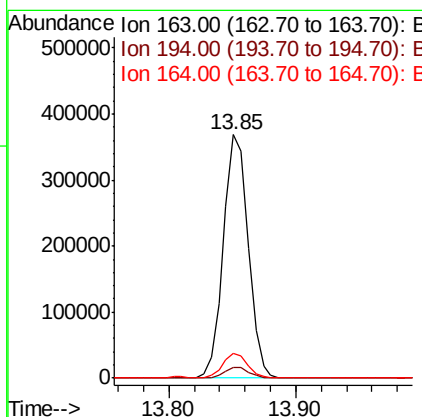
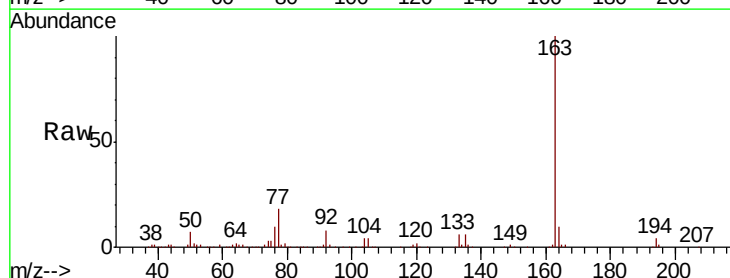
RT: 13.85 min Scan# 1847

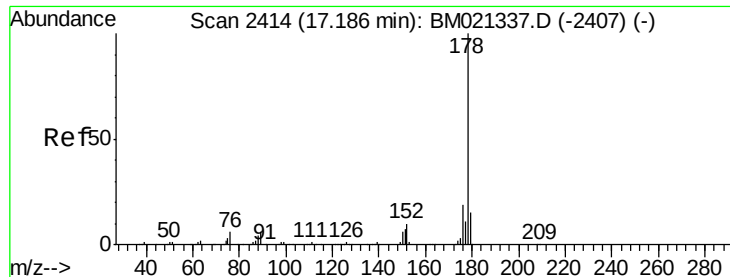
Delta R.T. -0.01 min

Lab File: BM021343.D

Acq: 02 Jul 2019 15:10

Tgt Ion:	163	Resp:	501410
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.2	7.7	11.5





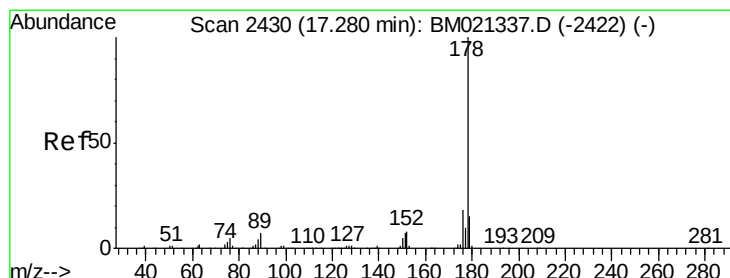
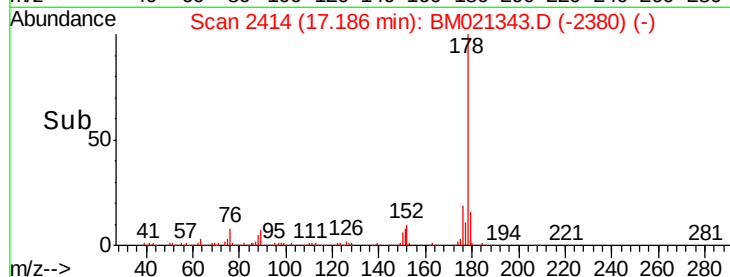
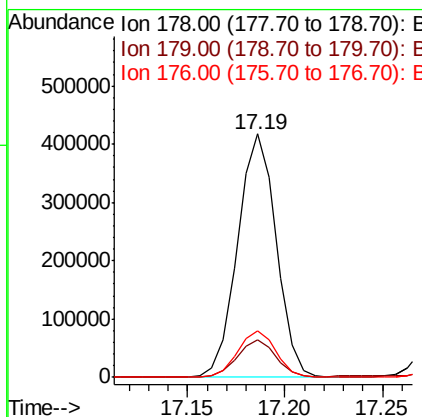
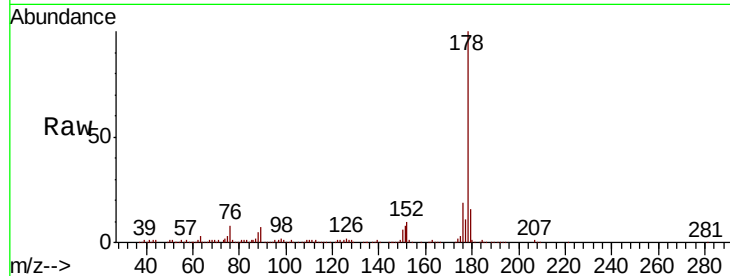
#69
Phenanthrene
Concen: 8.296 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BM021343.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_M
ClientSampleId :
C5BD2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.8
176	19.1	15.0	22.6

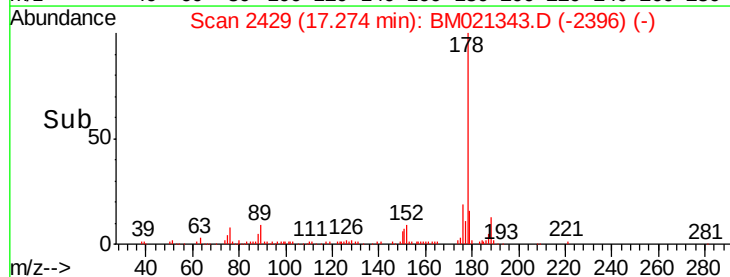
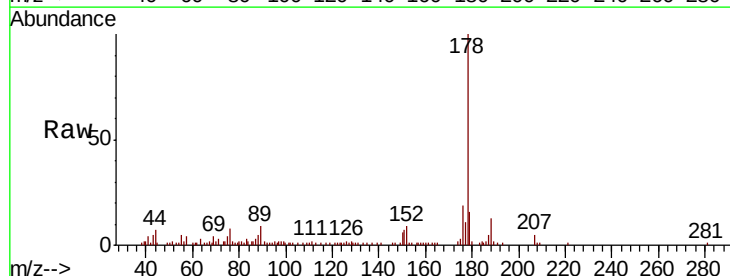
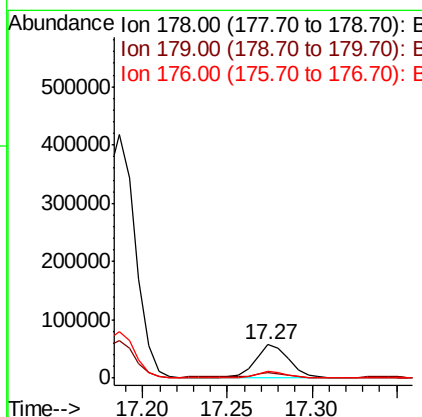
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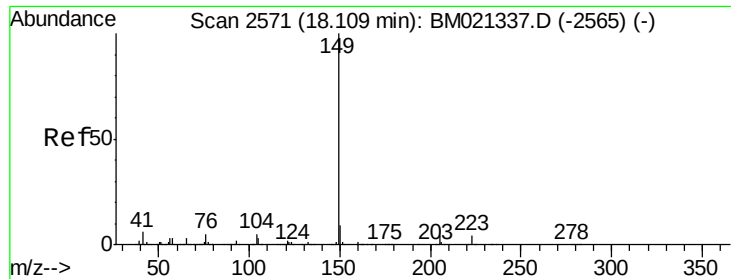
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#71
Anthracene
Concen: 1.106 ng/ul
RT: 17.27 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM021343.D
Acq: 02 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.5	18.7
176	18.7	14.6	21.8





#75

Di-n-butylphthalate

Concen: 1.018 ng/ul

RT: 18.11 min Scan# 2571

Delta R.T. -0.00 min

Lab File: BM021343.D

Acq: 02 Jul 2019 15:10

Instrument :

BNA_M

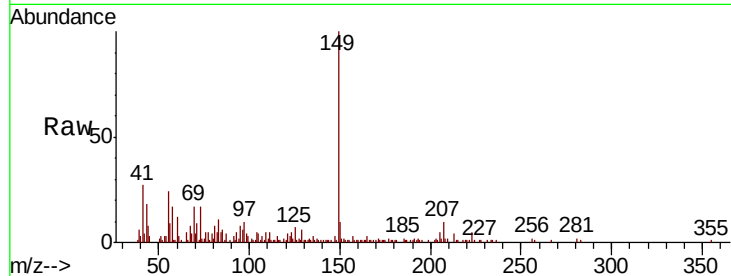
ClientSampleId :

C5BD2

Tot Ion:	149	Resp:	70757
Ion Ratio	Lower	Upper	
149	100		
150	10.2	7.3	10.9
104	5.3	3.8	5.8

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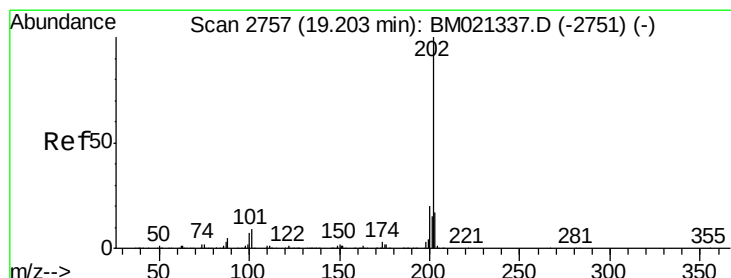
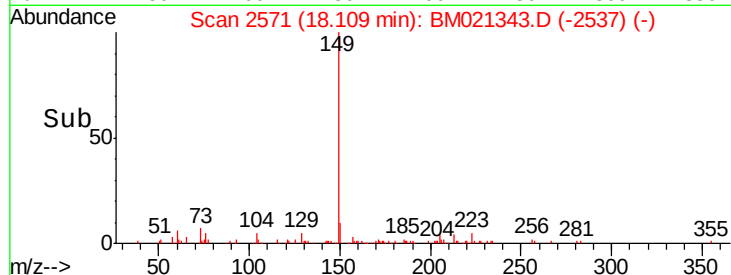
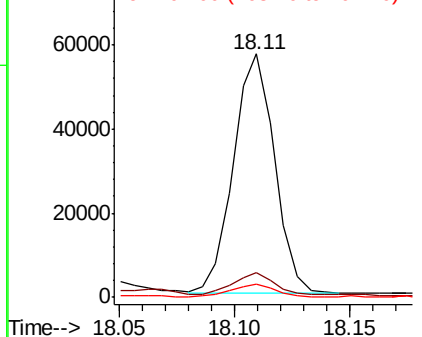


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Fluoranthene

Concen: 19.034 ng/ul

RT: 19.20 min Scan# 2757

Delta R.T. -0.00 min

Lab File: BM021343.D

Acq: 02 Jul 2019 15:10

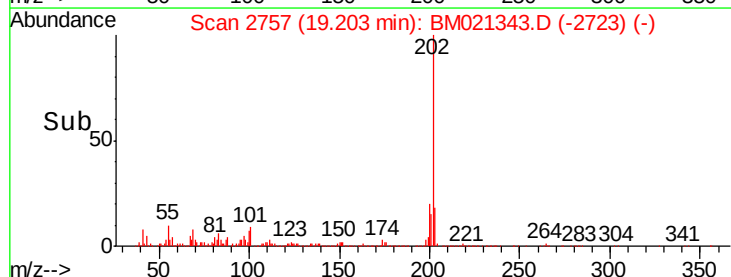
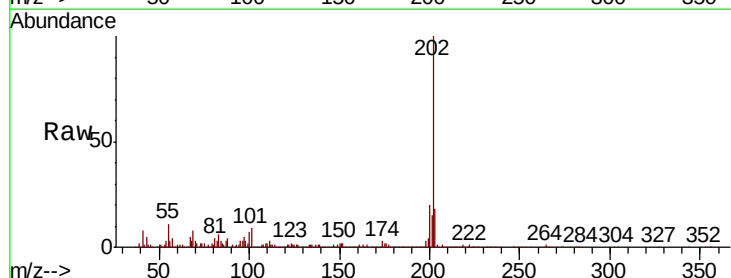
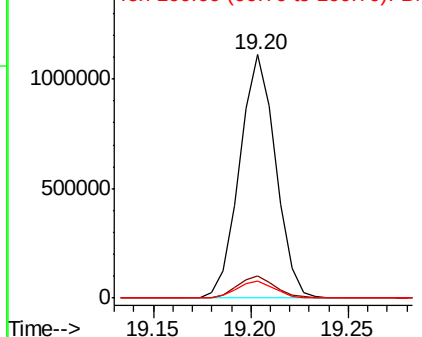
Tgt Ion:	202	Resp:	1418026
Ion Ratio	Lower	Upper	
202	100		
101	9.0	6.7	10.1
100	6.9	5.5	8.3

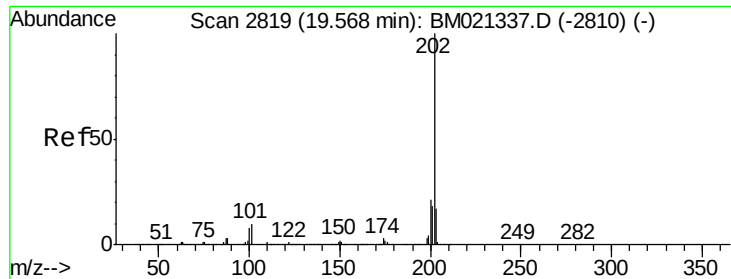
Abundance

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): E





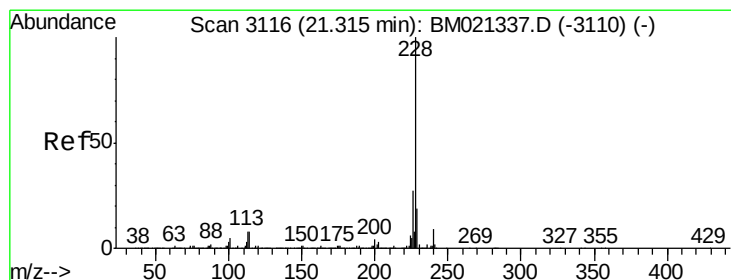
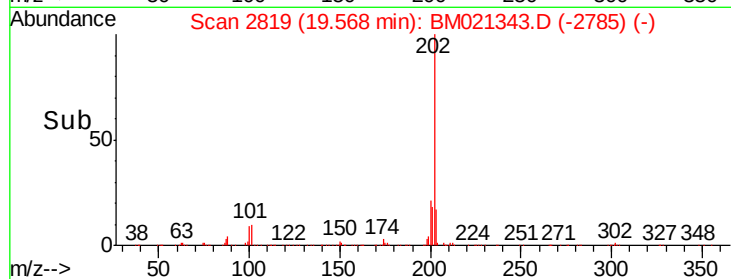
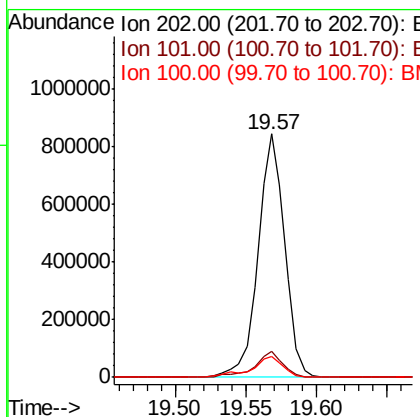
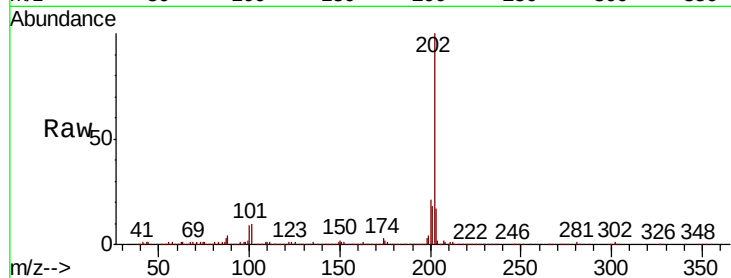
#79
Pvrene
Concen: 17.580 ng/ul
RT: 19.57 min Scan# 2819
Delta R.T. -0.00 min
Lab File: BM021343.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_M
ClientSampled :
C5BD2

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.1	12.1
100	8.6	6.6	10.0

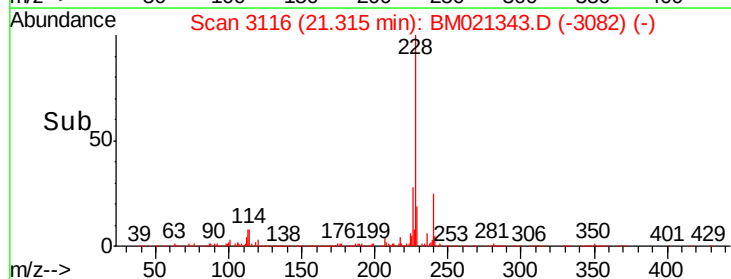
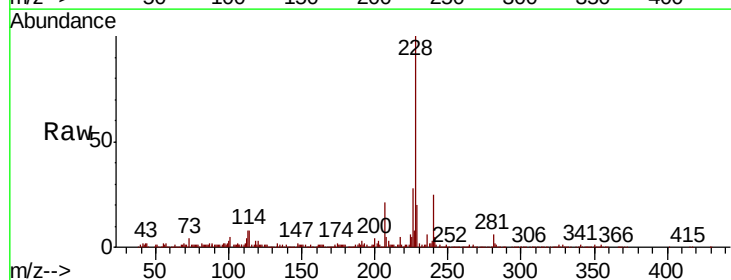
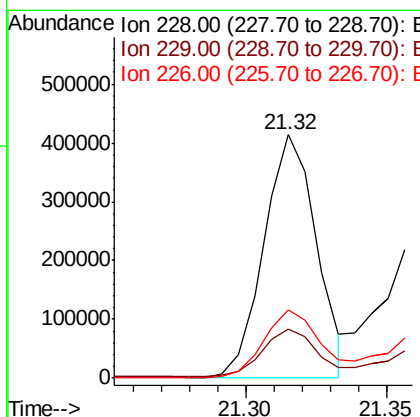
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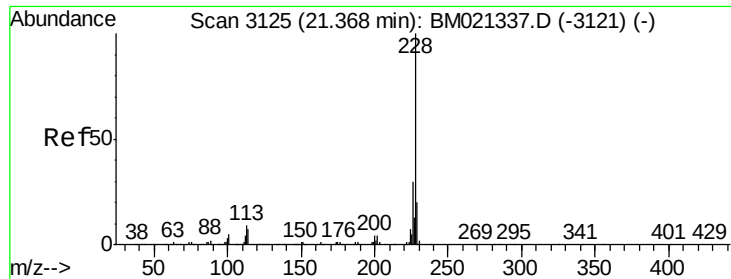
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#82
Benzo(a)anthracene
Concen: 8.654 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BM021343.D
Acq: 02 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.8
226	27.9	21.4	32.2





#84

Chrysene

Concen: 11.826 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BM021343.D

Acq: 02 Jul 2019 15:10

Instrument :

BNA_M

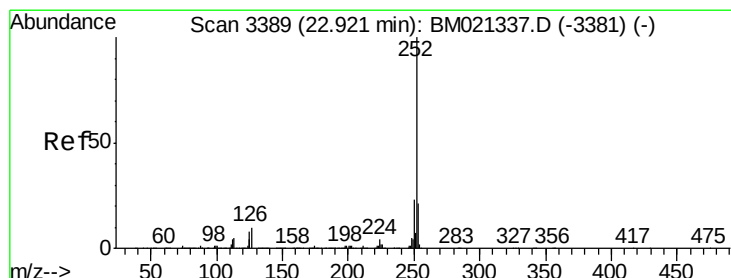
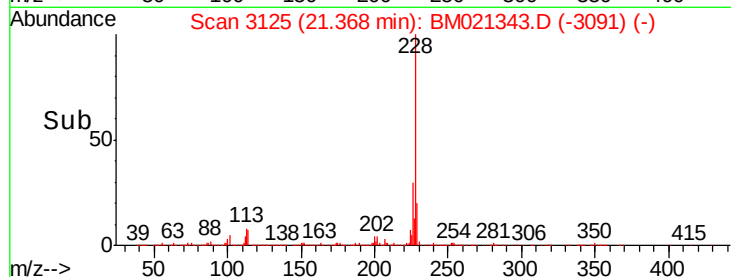
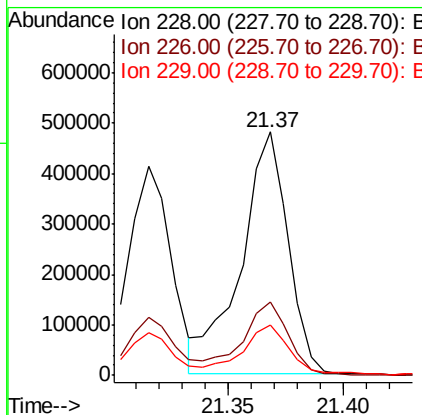
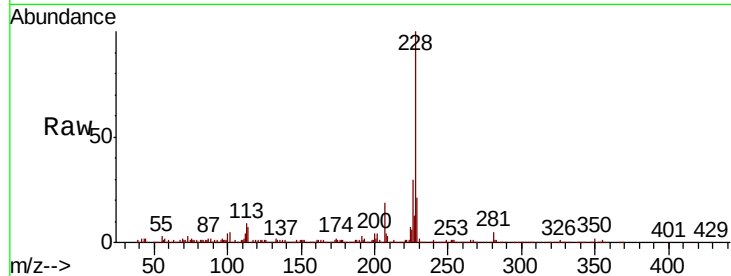
ClientSampleId :

C5BD2

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	20.5	15.4	23.2

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 15.205 ng/ul

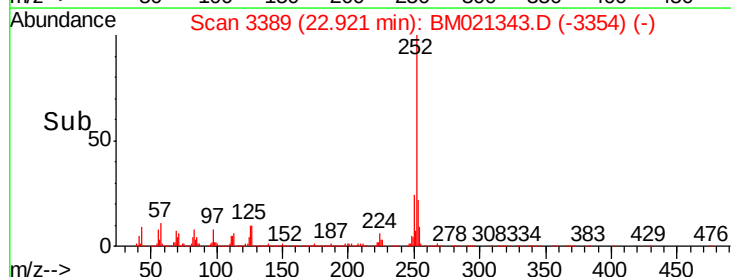
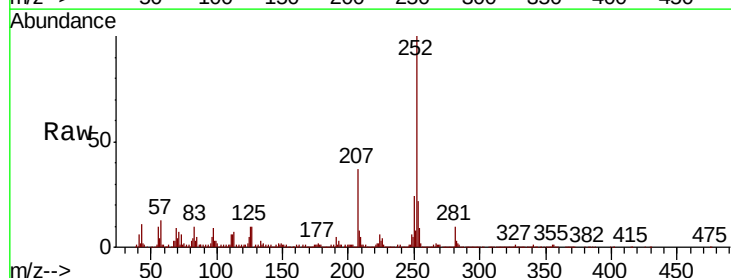
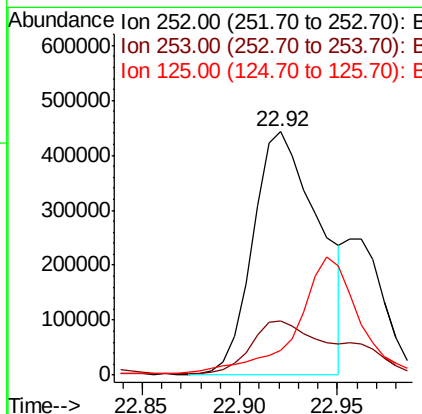
RT: 22.92 min Scan# 3389

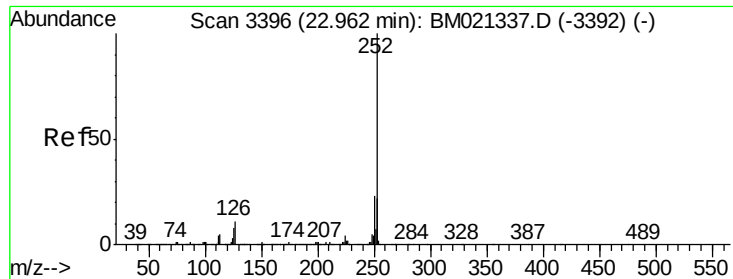
Delta R.T. 0.01 min

Lab File: BM021343.D

Acq: 02 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.4	6.3	9.5#





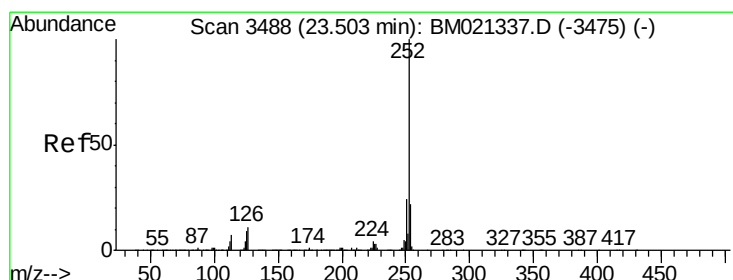
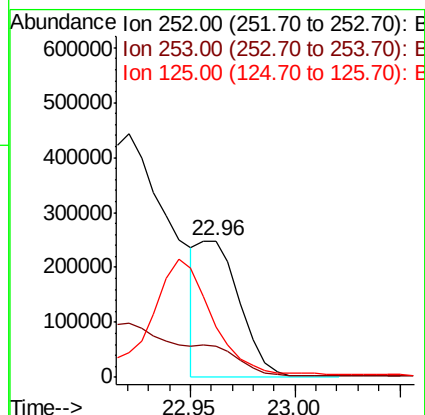
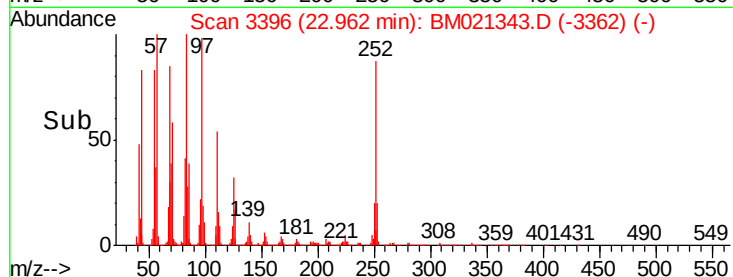
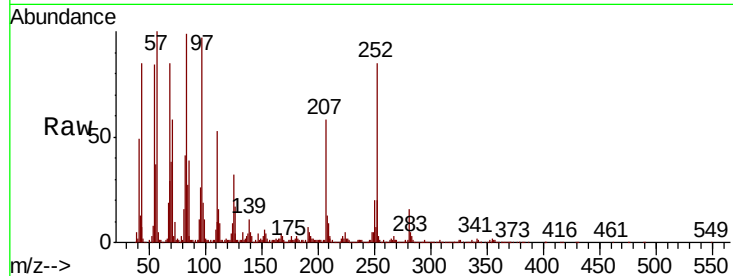
#88
Benzo(k)fluoranthene
Concen: 5.163 ng/ul m
RT: 22.96 min Scan# 3396
Delta R.T. -0.00 min
Lab File: BM021343.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_M
ClientSampled :
C5BD2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	37.2	6.6	9.8#

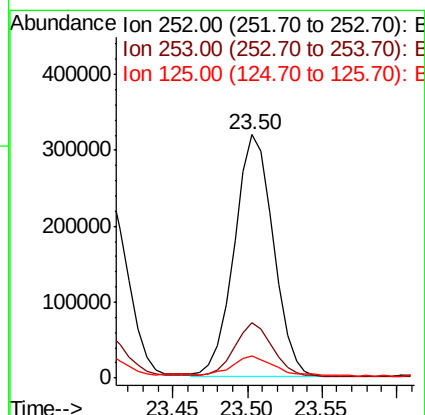
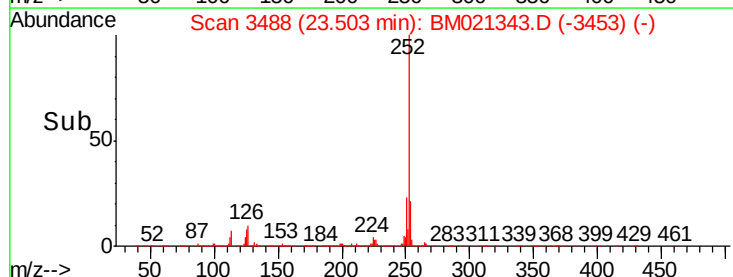
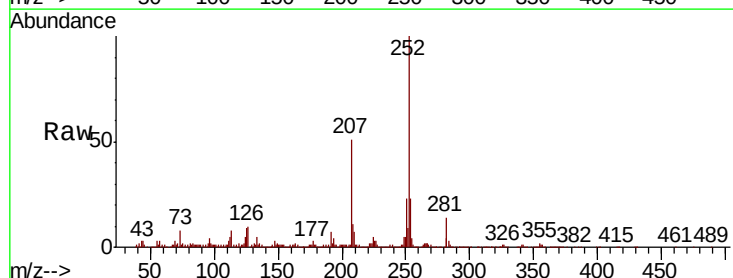
Manual Integrations
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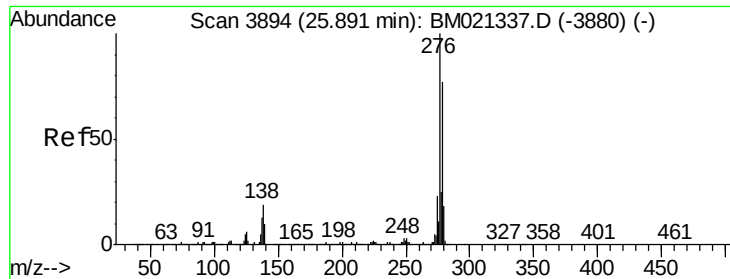
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#90
Benzo(a)pyrene
Concen: 9.019 ng/ul
RT: 23.50 min Scan# 3488
Delta R.T. 0.01 min
Lab File: BM021343.D
Acq: 02 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	9.0	7.2	10.8





#91

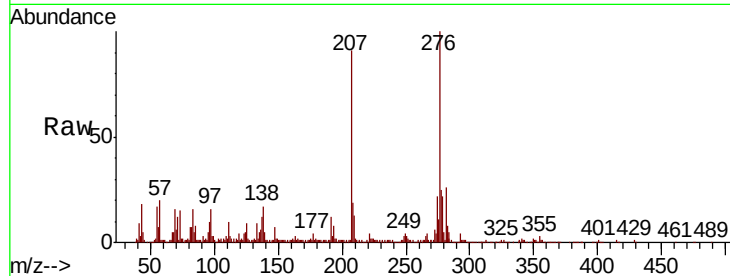
Indeno(1,2,3-cd)pyrene
Concen: 6.552 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. 0.01 min
Lab File: BM021343.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_M
ClientSampleId :
C5BD2

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.8	15.9	23.9
277	24.7	20.4	30.6

Manual Integrations
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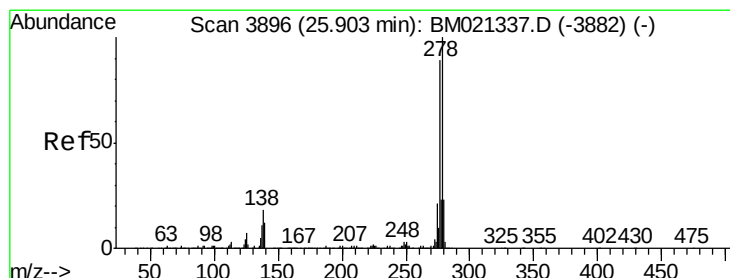
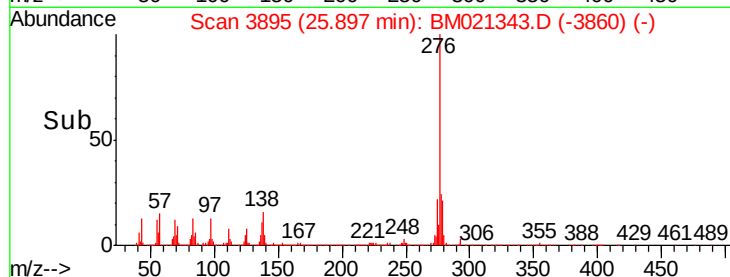
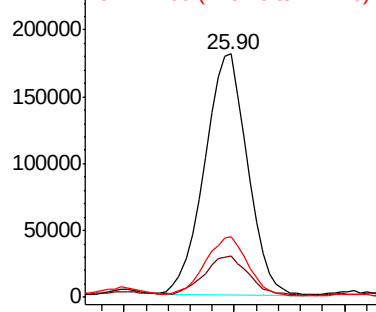


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

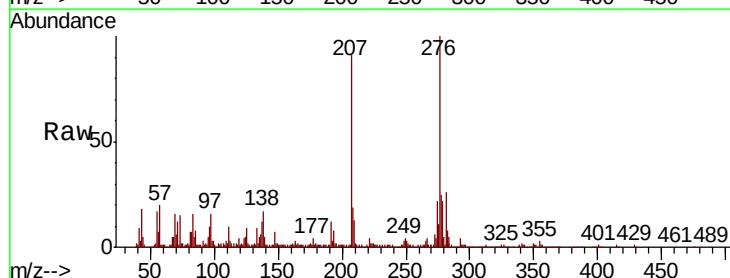
Ion 277.00 (276.70 to 277.70): E



#92

Dibenzo(a,h)anthracene
Concen: 1.976 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.00 min
Lab File: BM021343.D
Acq: 02 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.1	10.6	15.8#
279	23.9	19.0	28.4

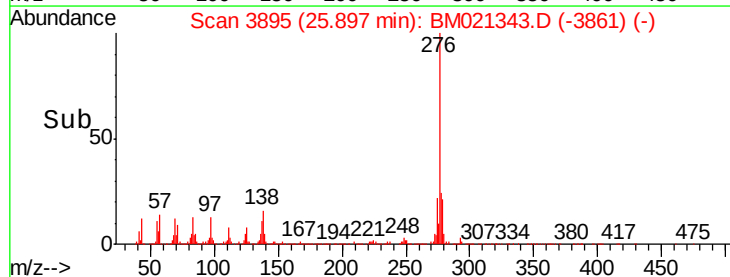
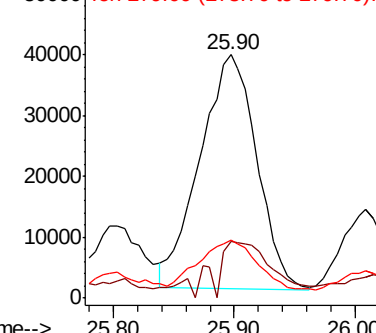


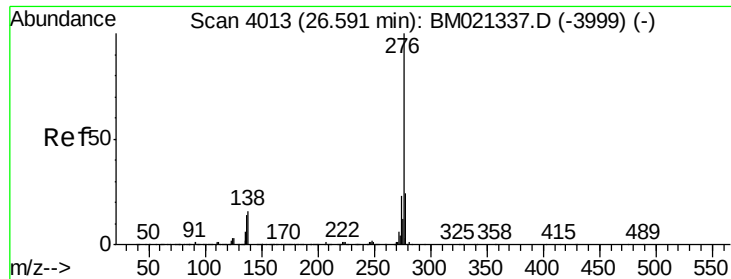
Abundance

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: 6.513 ng/ul

RT: 26.60 min Scan# 4014

Delta R.T. 0.01 min

Lab File: BM021343.D

Acq: 02 Jul 2019 15:10

Instrument :

BNA_M

ClientSampleId :

C5BD2

Tot Ion:	276	Resp:	405074
Ion Ratio	Lower	Upper	
276	100		
138	16.6	14.6	21.8
277	23.6	18.9	28.3

Manual Integrations
APPROVED

mohammad
7/3/2019 10:50:25 PM

