

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021258.D
 Acq On : 29 Jun 2019 12:49
 Operator : HP/JU
 Sample : K3593-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BC2

Manual Integrations
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mohammad
 7/1/2019 2:42:32 PM

Quant Time: Jun 29 22:47:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 05:07:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	267421	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.55	136	1164538	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	730115	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1660620	20.00	ng/ul	-0.01
77) Chrysene-d12	21.33	240	1203495	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1280679	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	25355	4.50	ng/uL	0.00
5) Phenol-d5	6.93	99	630646	27.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	365461	26.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	521708	27.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	558635	28.75	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	273364	28.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	318938	30.38	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.16	165	634149	29.71	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.70	131	207800	9.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	2049850	31.07	ng/ul	-0.01
46) Acenaphthylene-d8	14.09	160	2404384	29.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	272481	25.39	ng/ul	0.00
57) Fluorene-d10	15.39	176	1799392	31.36	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.52	200	249444	24.44	ng/ul	-0.01
70) Anthracene-d10	17.24	188	2725675	31.58	ng/ul	-0.01
78) Pyrene-d10	19.54	212	2627638	36.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2309426	30.56	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.95	94	38063	1.729	ng/ul	93
44) Dimethylphthalate	13.86	163	469388	7.816	ng/ul	98
69) Phenanthrene	17.19	178	502096	5.467	ng/ul	99
76) Fluoranthene	19.20	202	1538145	15.500	ng/ul	98
79) Pyrene	19.57	202	1228019	14.433	ng/ul	99
80) Butylbenzylphthalate	20.47	149	37034	1.176	ng/ul	97
82) Benzo(a)anthracene	21.32	228	608071	7.411	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	112433	2.507	ng/ul	98
84) Chrysene	21.37	228	717016	9.331	ng/ul	97
87) Benzo(b)fluoranthene	22.92	252	1094560	13.492	ng/ul	97
88) Benzo(k)fluoranthene	22.96	252	389159m	4.986	ng/ul	
90) Benzo(a)pyrene	23.51	252	633000	8.290	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.89	276	555478	6.178	ng/ul	96
92) Dibenzo(a,h)anthracene	25.90	278	135644	1.793	ng/ul#	82
93) Benzo(g,h,i)perylene	26.60	276	473402	6.393	ng/ul	97

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

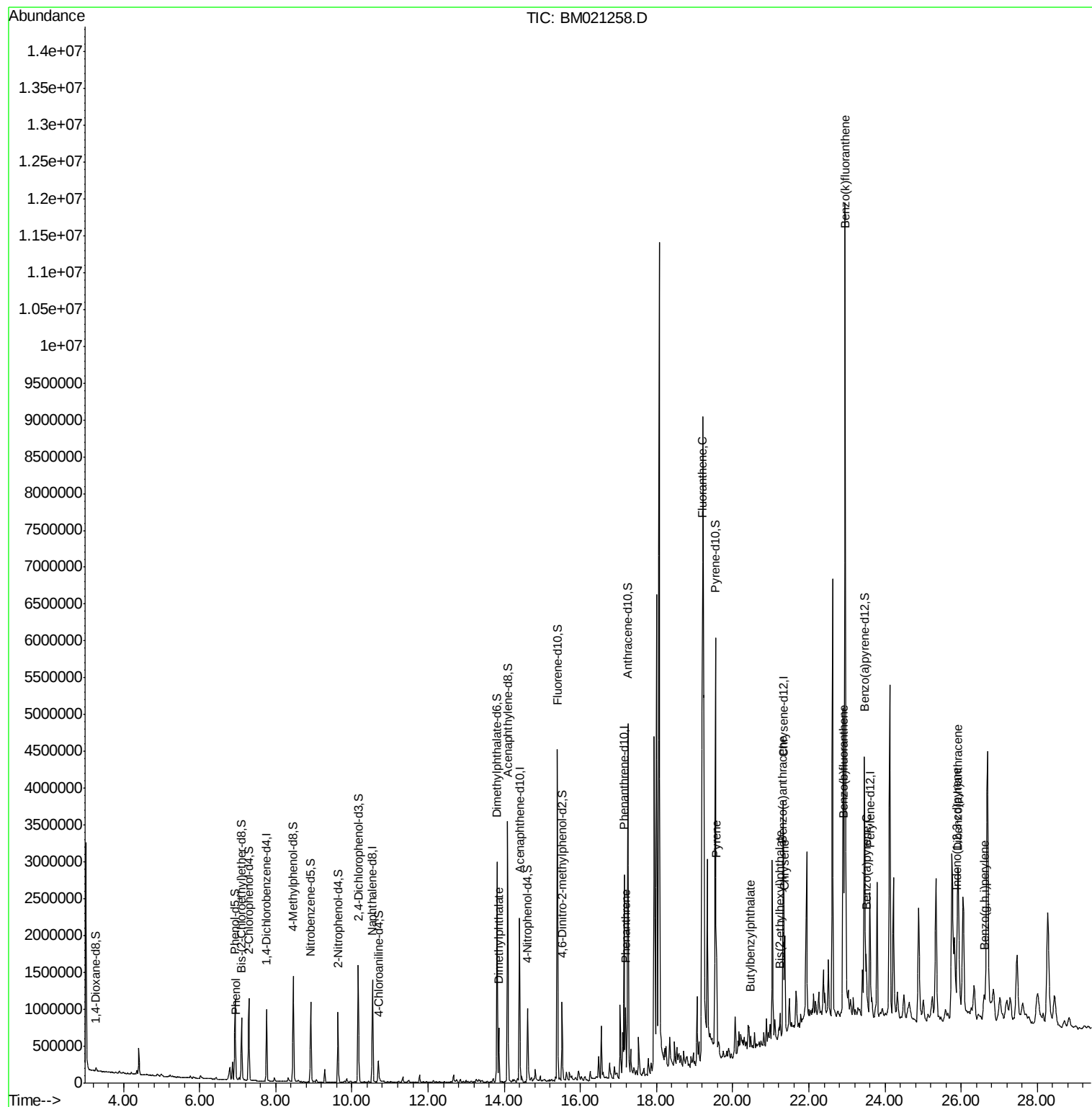
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021258.D
Acq On : 29 Jun 2019 12:49
Operator : HP/JU
Sample : K3593-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

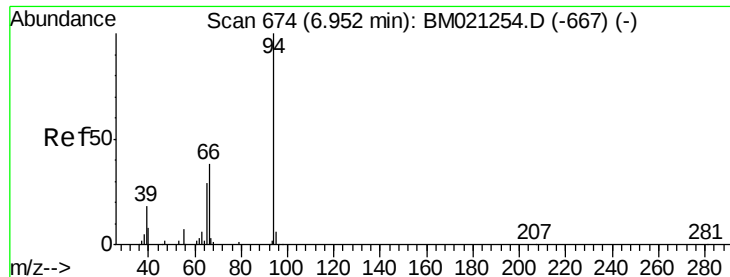
Instrument :
BNA_M
ClientSampled :
C5BC2

Quant Time: Jun 29 22:47:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 05:07:12 2019
Response via : Initial Calibration

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#6

Phenol

Concen: 1.729 ng/ul

RT: 6.95 min Scan# 674

Delta R.T. -0.01 min

Lab File: BM021258.D

Acq: 29 Jun 2019 12:49

Instrument :

BNA_M

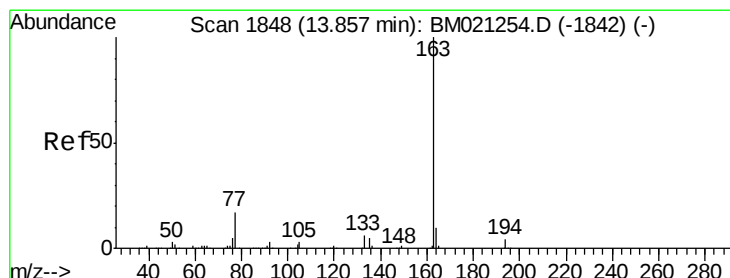
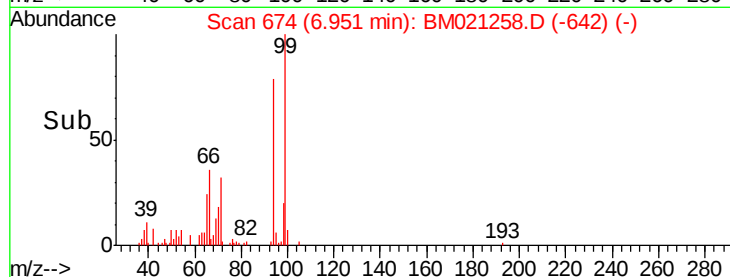
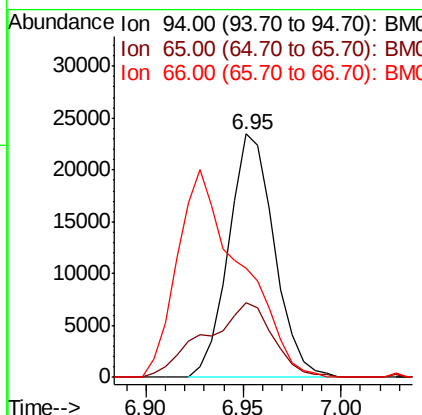
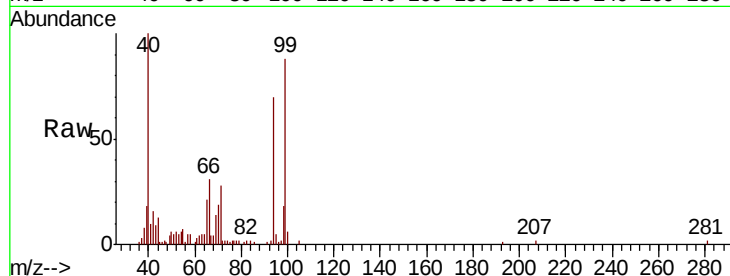
ClientSampleId :

C5BC2

Tot Ion:	94	Resp:	38063
Ion	Ratio	Lower	Upper
94	100		
65	30.6	22.6	34.0
66	44.9	31.2	46.8

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#44

Dimethylphthalate

Concen: 7.816 ng/ul

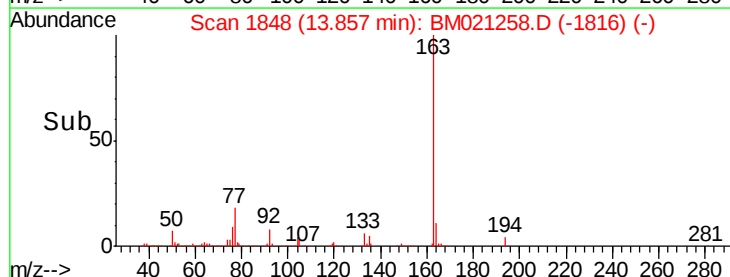
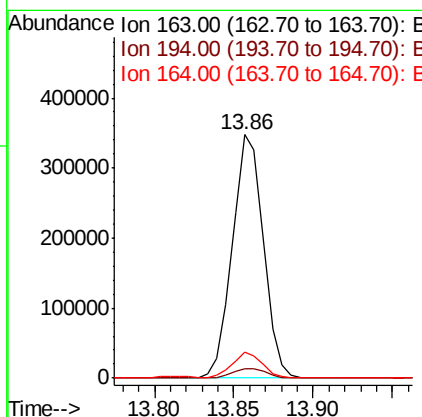
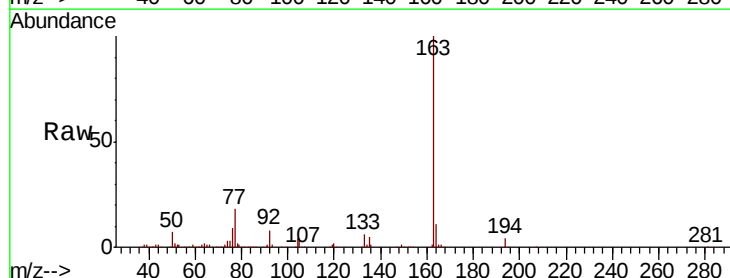
RT: 13.86 min Scan# 1848

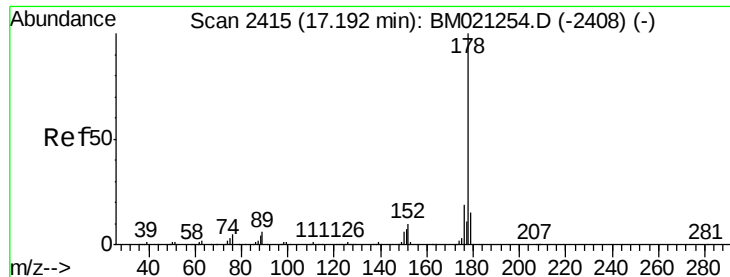
Delta R.T. -0.01 min

Lab File: BM021258.D

Acq: 29 Jun 2019 12:49

Tgt Ion:	163	Resp:	469388
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	10.6	7.7	11.5





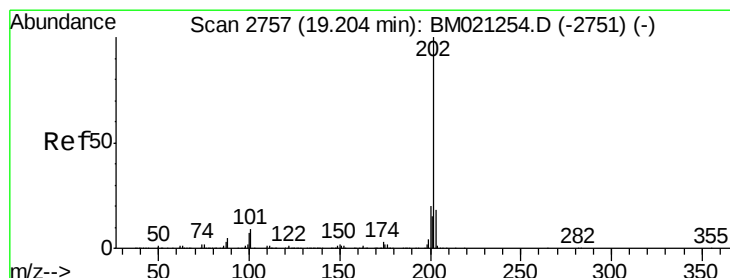
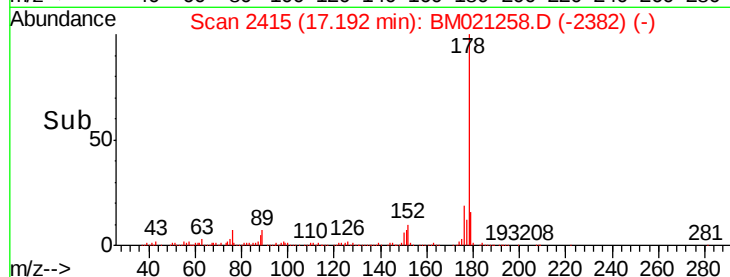
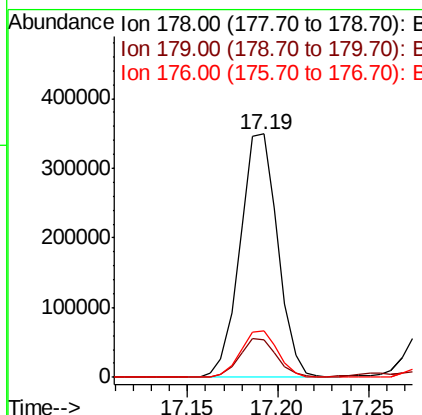
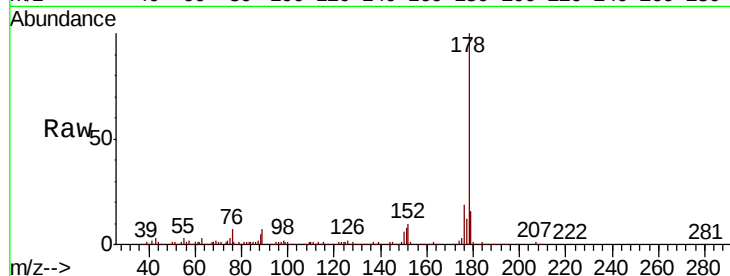
#69
Phenanthrene
Concen: 5.467 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM021258.D
Acq: 29 Jun 2019 12:49

Instrument :
BNA_M
ClientSampleId :
C5BC2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.8	17.8
176	19.2	15.0	22.6

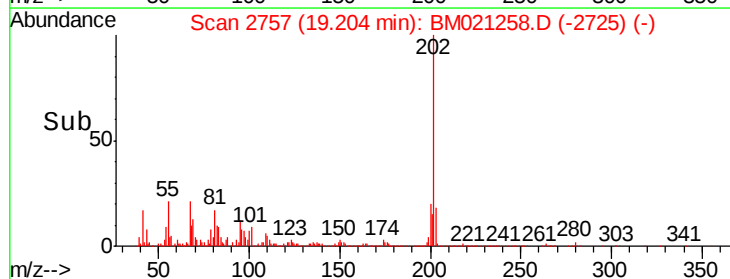
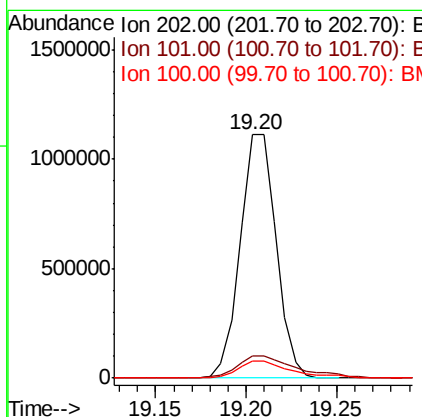
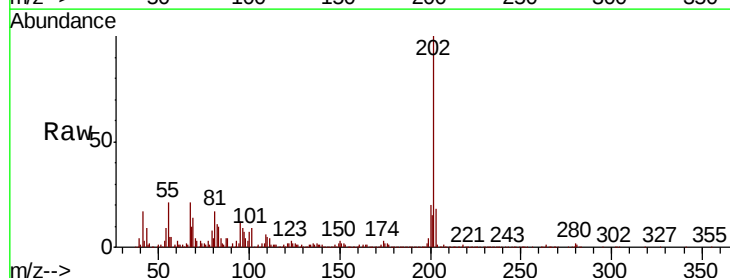
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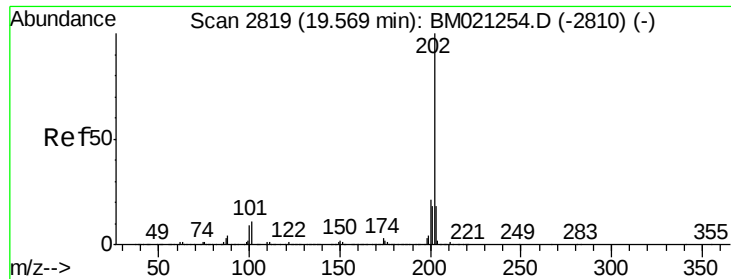
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#76
Fluoranthene
Concen: 15.500 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. -0.01 min
Lab File: BM021258.D
Acq: 29 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	6.7	10.1
100	7.1	5.5	8.3





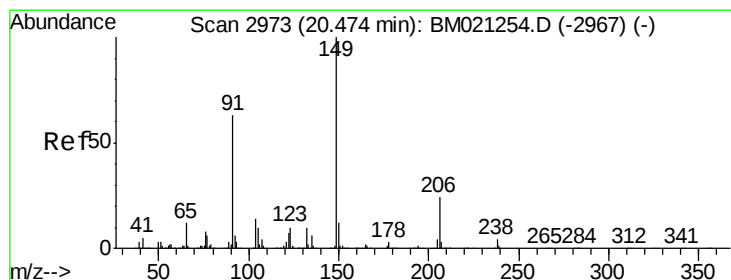
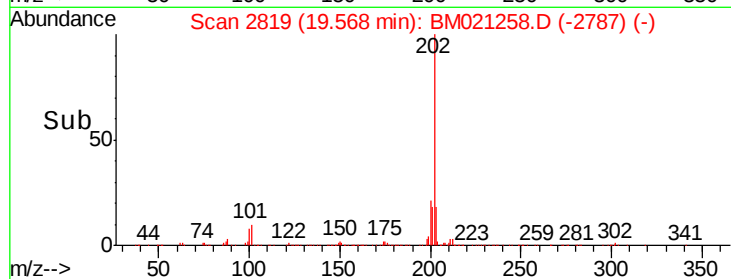
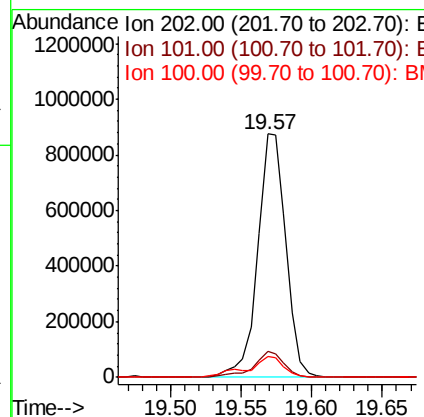
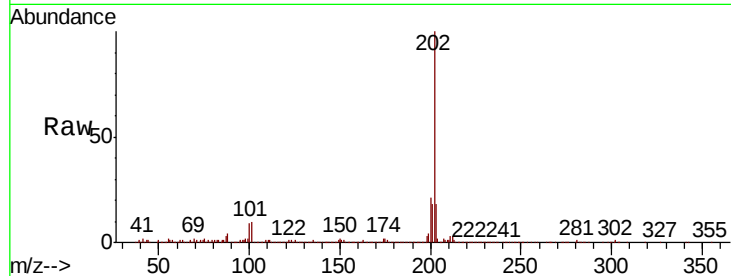
#79
Pvrene
Concen: 14.433 ng/ul
RT: 19.57 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BM021258.D
Acq: 29 Jun 2019 12:49

Instrument :
BNA_M
ClientSampled :
C5BC2

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1228019		
101	10.5		8.1	12.1
100	8.6		6.6	10.0

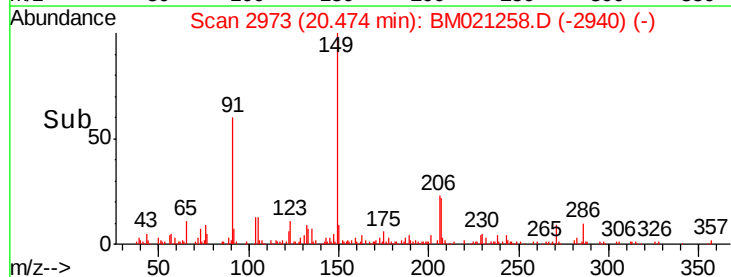
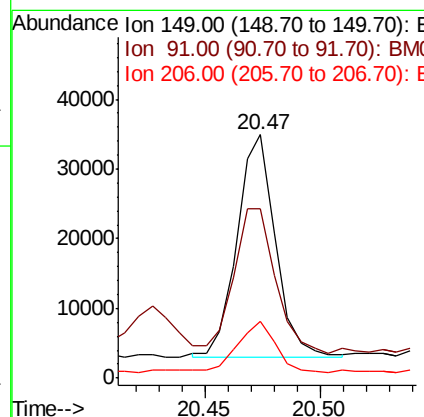
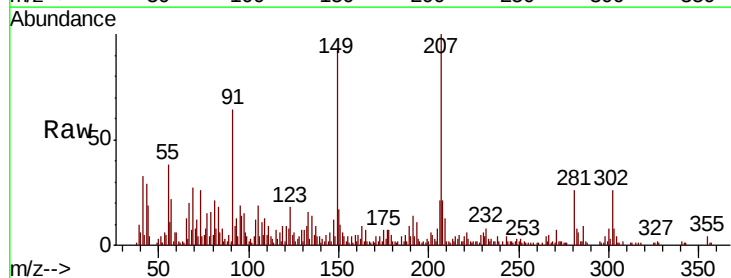
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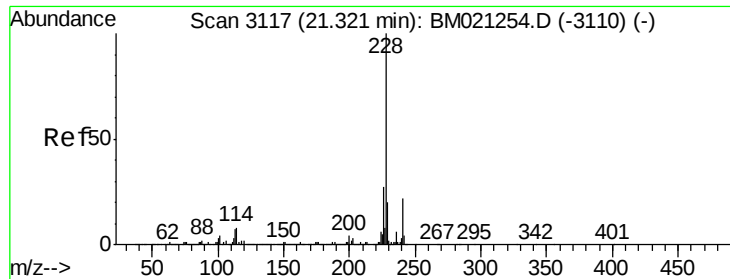
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#80
Butylbenzylphthalate
Concen: 1.176 ng/ul
RT: 20.47 min Scan# 2973
Delta R.T. -0.01 min
Lab File: BM021258.D
Acq: 29 Jun 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	37034		
91	69.4		53.4	80.2
206	23.1		17.4	26.2





#82

Benzo(a)anthracene

Concen: 7.411 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM021258.D

Acq: 29 Jun 2019 12:49

Instrument :

BNA_M

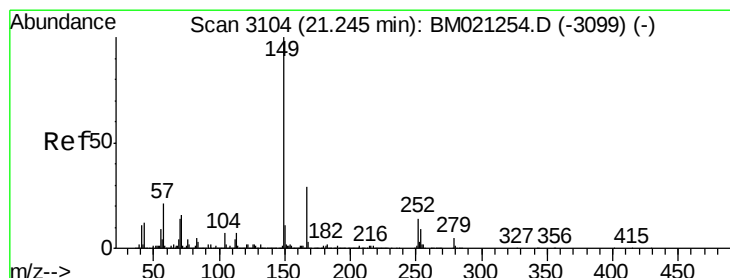
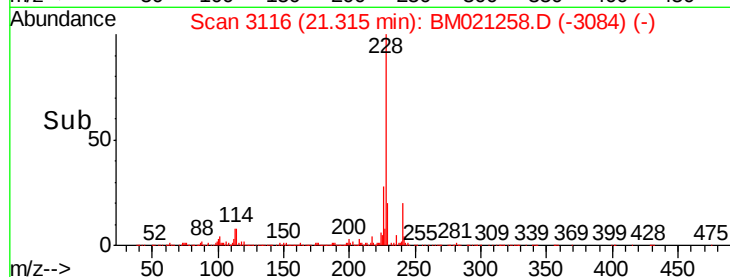
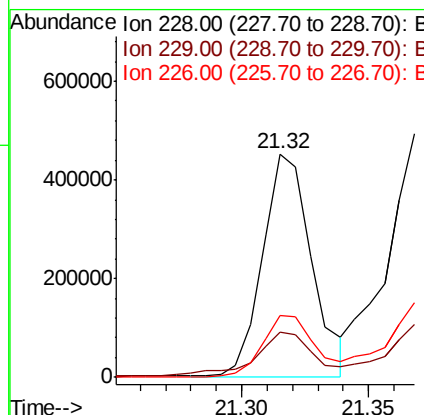
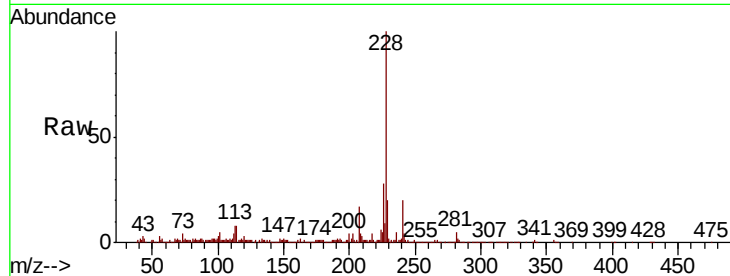
ClientSampleId :

C5BC2

Tot Ion:	228	Resp:	608071
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.8	23.8
226	27.9	21.4	32.2

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#83

Bis(2-ethylhexyl)phthalate

Concen: 2.507 ng/ul

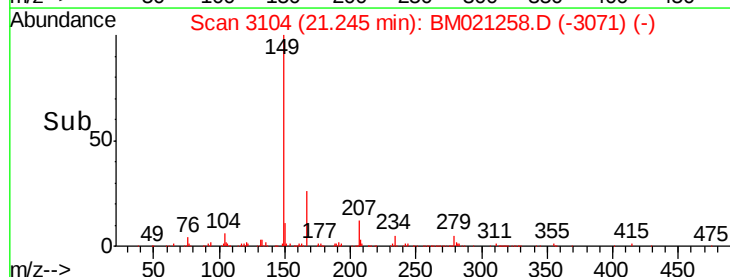
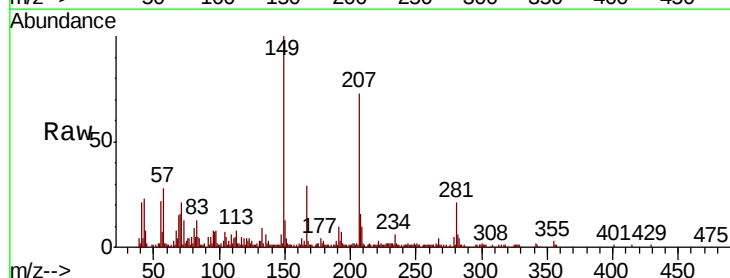
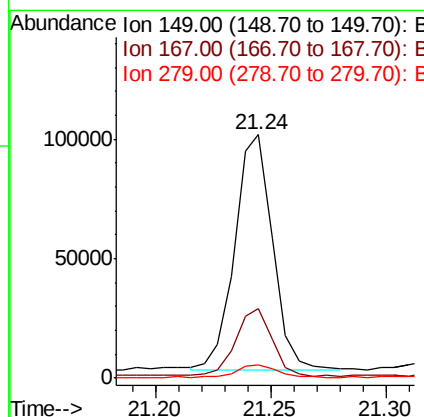
RT: 21.24 min Scan# 3104

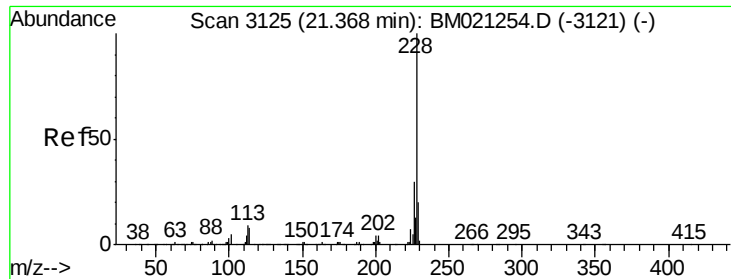
Delta R.T. -0.01 min

Lab File: BM021258.D

Acq: 29 Jun 2019 12:49

Tgt Ion:	149	Resp:	112433
Ion Ratio	Lower	Upper	
149	100		
167	28.7	22.3	33.5
279	5.4	3.8	5.6





#84

Chrysene

Concen: 9.331 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM021258.D

Acq: 29 Jun 2019 12:49

Instrument :

BNA_M

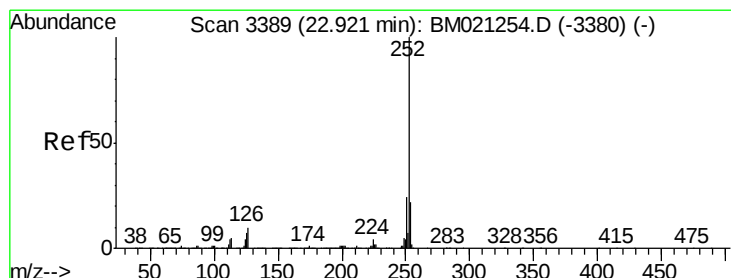
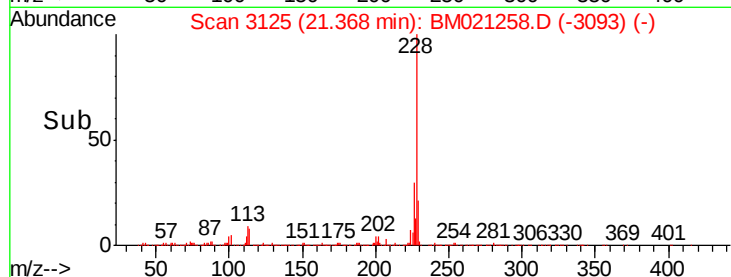
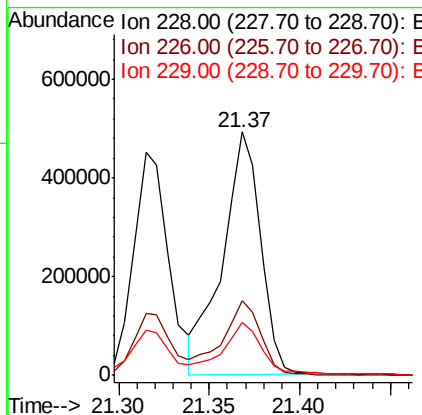
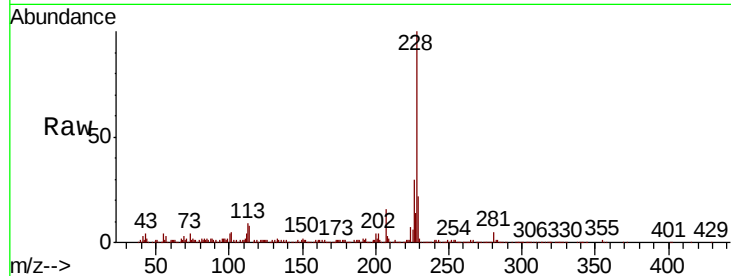
ClientSampleId :

C5BC2

Tot Ion:	228	Resp:	717016
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.9	35.9
229	21.7	15.4	23.2

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#87

Benzo(b)fluoranthene

Concen: 13.492 ng/ul

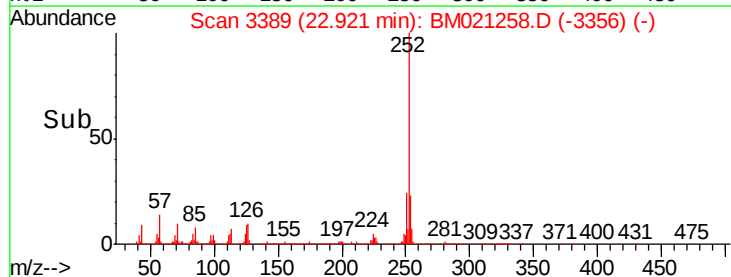
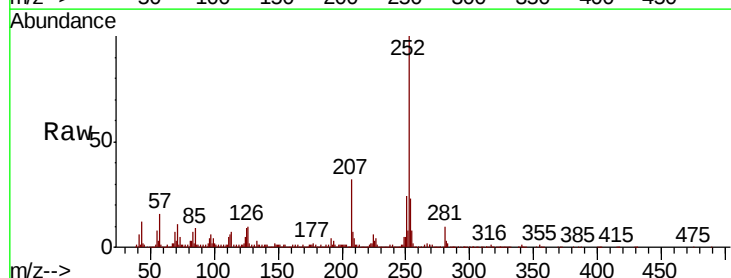
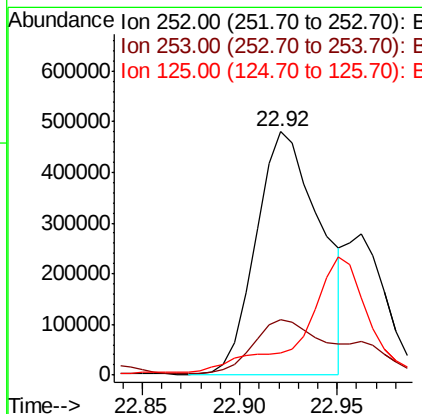
RT: 22.92 min Scan# 3389

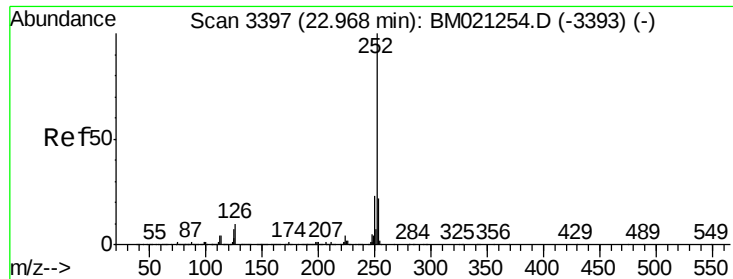
Delta R.T. -0.01 min

Lab File: BM021258.D

Acq: 29 Jun 2019 12:49

Tgt Ion:	252	Resp:	1094560
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.5	26.3
125	9.3	6.3	9.5





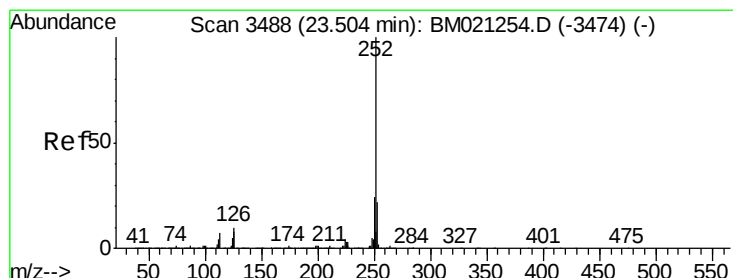
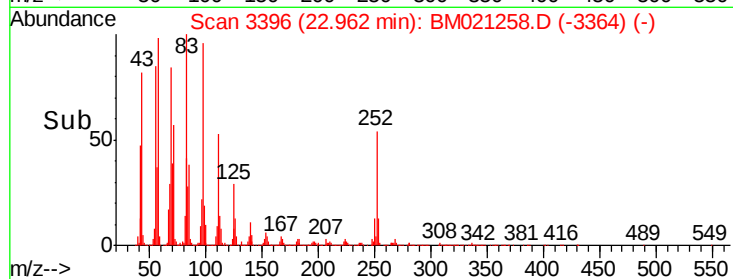
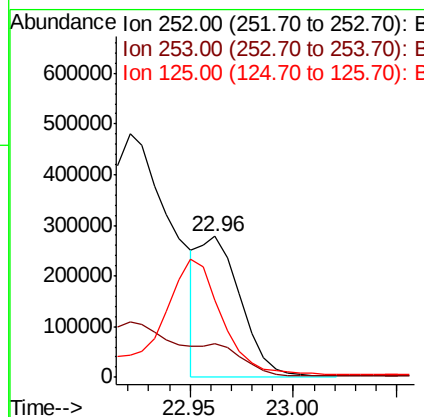
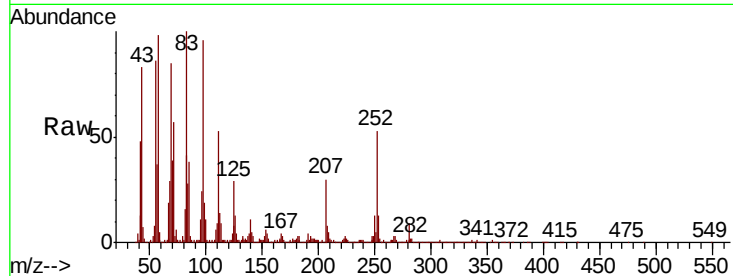
#88
Benzo(k)fluoranthene
Concen: 4.986 ng/ul m
RT: 22.96 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BM021258.D
Acq: 29 Jun 2019 12:49

Instrument :
BNA_M
ClientSampleId :
C5BC2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	55.3	6.6	9.8#

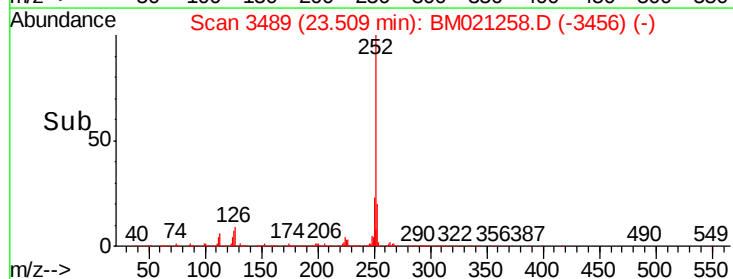
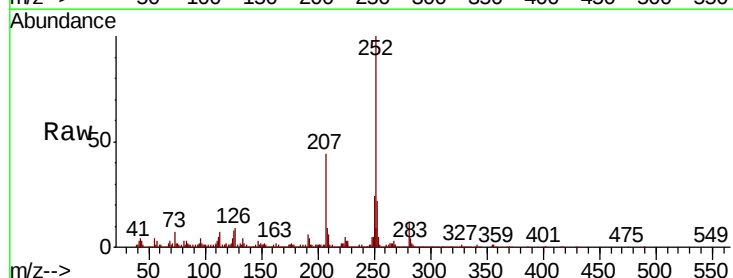
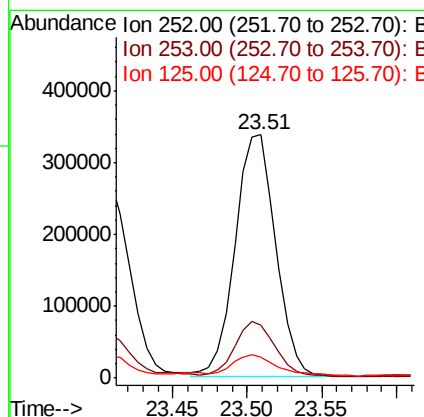
Manual Integrations
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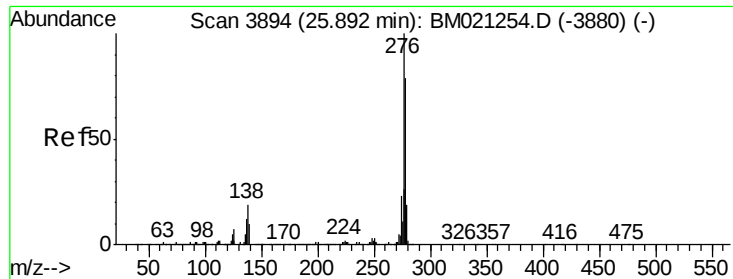
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#90
Benzo(a)pyrene
Concen: 8.290 ng/ul
RT: 23.51 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BM021258.D
Acq: 29 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	8.3	7.2	10.8





#91

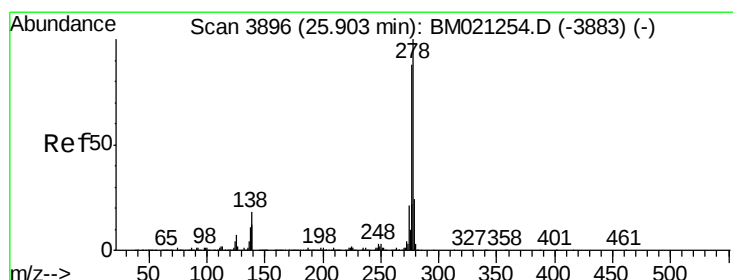
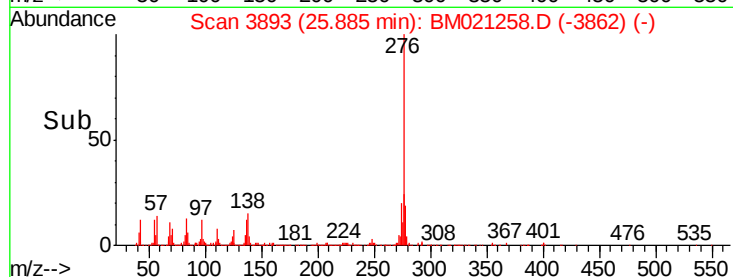
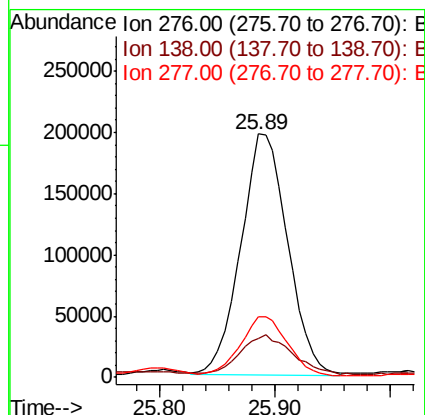
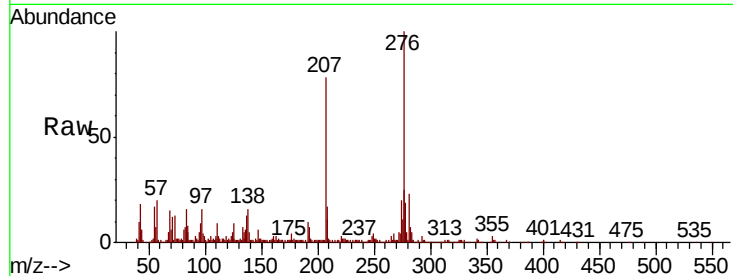
Indeno(1,2,3-cd)pyrene
Concen: 6.178 ng/ul
RT: 25.89 min Scan# 3893
Delta R.T. -0.02 min
Lab File: BM021258.D
Acq: 29 Jun 2019 12:49

Instrument :
BNA_M
ClientSampleId :
C5BC2

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.0	15.9	23.9
277	24.8	20.4	30.6

Manual Integrations
APPROVED

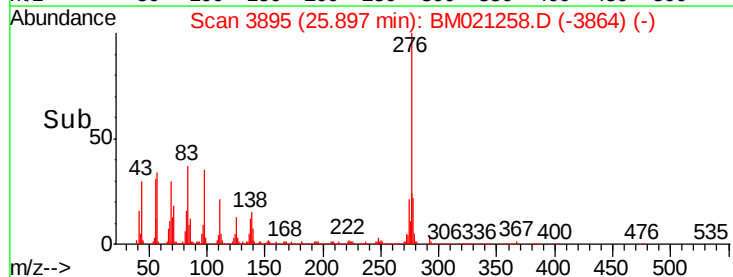
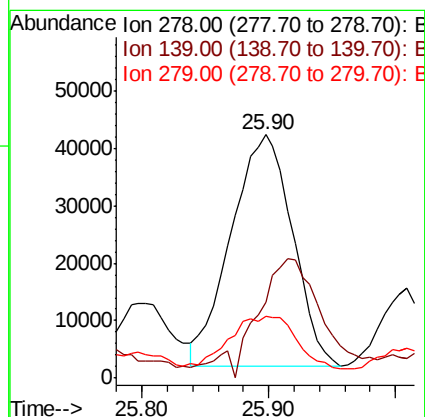
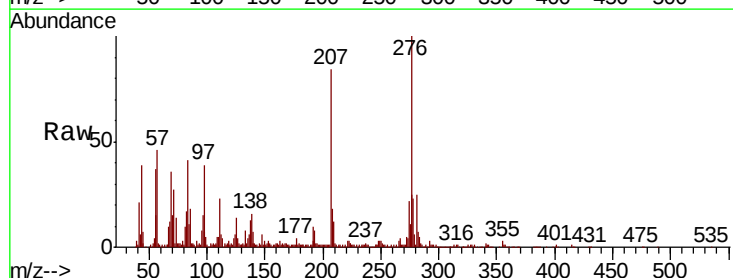
mohammad
7/1/2019 2:42:32 PM

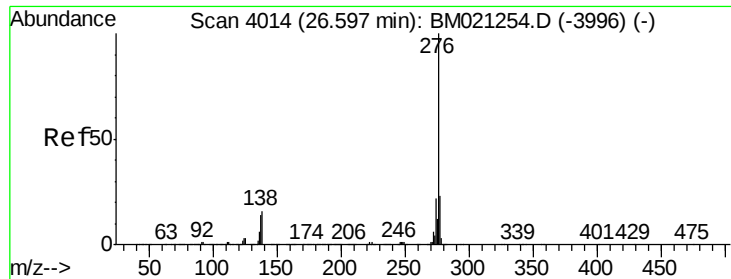


#92

Dibenzo(a,h)anthracene
Concen: 1.793 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.02 min
Lab File: BM021258.D
Acq: 29 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.0	10.6	15.8#
279	25.2	19.0	28.4





#93

Benzo(a,h,i)perylene

Concen: 6.393 ng/ul

RT: 26.60 min Scan# 4015

Delta R.T. -0.01 min

Lab File: BM021258.D

Acq: 29 Jun 2019 12:49

Instrument :

BNA_M

ClientSampleId :

C5BC2

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.9	14.6	21.8
277	23.1	18.9	28.3

Manual Integrations
APPROVED

mohammad
7/1/2019 2:42:32 PM

