

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
 Data File : BM021341.D
 Acq On : 02 Jul 2019 13:57
 Operator : HP/JU
 Sample : K3594-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BE0

Manual Integrations
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Quant Time: Jul 02 17:13:37 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	230582	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	993860	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	602620	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1235184	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	900813	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1080447	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	20666	4.26	ng/uL	0.00
5) Phenol-d5	6.92	99	585148	29.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	329285	27.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	481582	29.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	514489	30.71	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	263611	32.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	312607	34.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	607695	33.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	219365	11.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1884735	34.61	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2158379	32.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	225868	25.50	ng/ul	0.00
57) Fluorene-d10	15.39	176	1569785	33.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	173839	22.89	ng/ul	0.00
70) Anthracene-d10	17.24	188	2106555	32.82	ng/ul	0.00
78) Pyrene-d10	19.54	212	1977222	36.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2154311	33.80	ng/ul	0.01

Target Compounds

					Ovalue	
4) Benzaldehyde	6.91	77	17540	1.917	ng/ul	96
6) Phenol	6.95	94	21851	1.151	ng/ul	96
44) Dimethylphthalate	13.85	163	716649	14.458	ng/ul	98
69) Phenanthrene	17.19	178	873238	12.783	ng/ul	99
71) Anthracene	17.27	178	107913	1.550	ng/ul	99
74) Carbazole	17.55	167	76107	1.327	ng/ul	99
75) Di-n-butylphthalate	18.11	149	119566	1.736	ng/ul	98
76) Fluoranthene	19.20	202	2193840	29.722	ng/ul	99
79) Pyrene	19.57	202	1772113	27.827	ng/ul	99
82) Benzo(a)anthracene	21.32	228	824237	13.421	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.24	149	51203	1.526	ng/ul#	97
84) Chrysene	21.37	228	1087513	18.908	ng/ul	98
87) Benzo(b)fluoranthene	22.92	252	1688159	24.666	ng/ul	98
88) Benzo(k)fluoranthene	22.96	252	581985m	8.839	ng/ul	
90) Benzo(a)pyrene	23.50	252	962077	14.935	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.90	276	833162	10.984	ng/ul	95
92) Dibenzo(a,h)anthracene	25.90	278	205514	3.221	ng/ul#	87
93) Benzo(g,h,i)perylene	26.60	276	727042	11.637	ng/ul	97

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

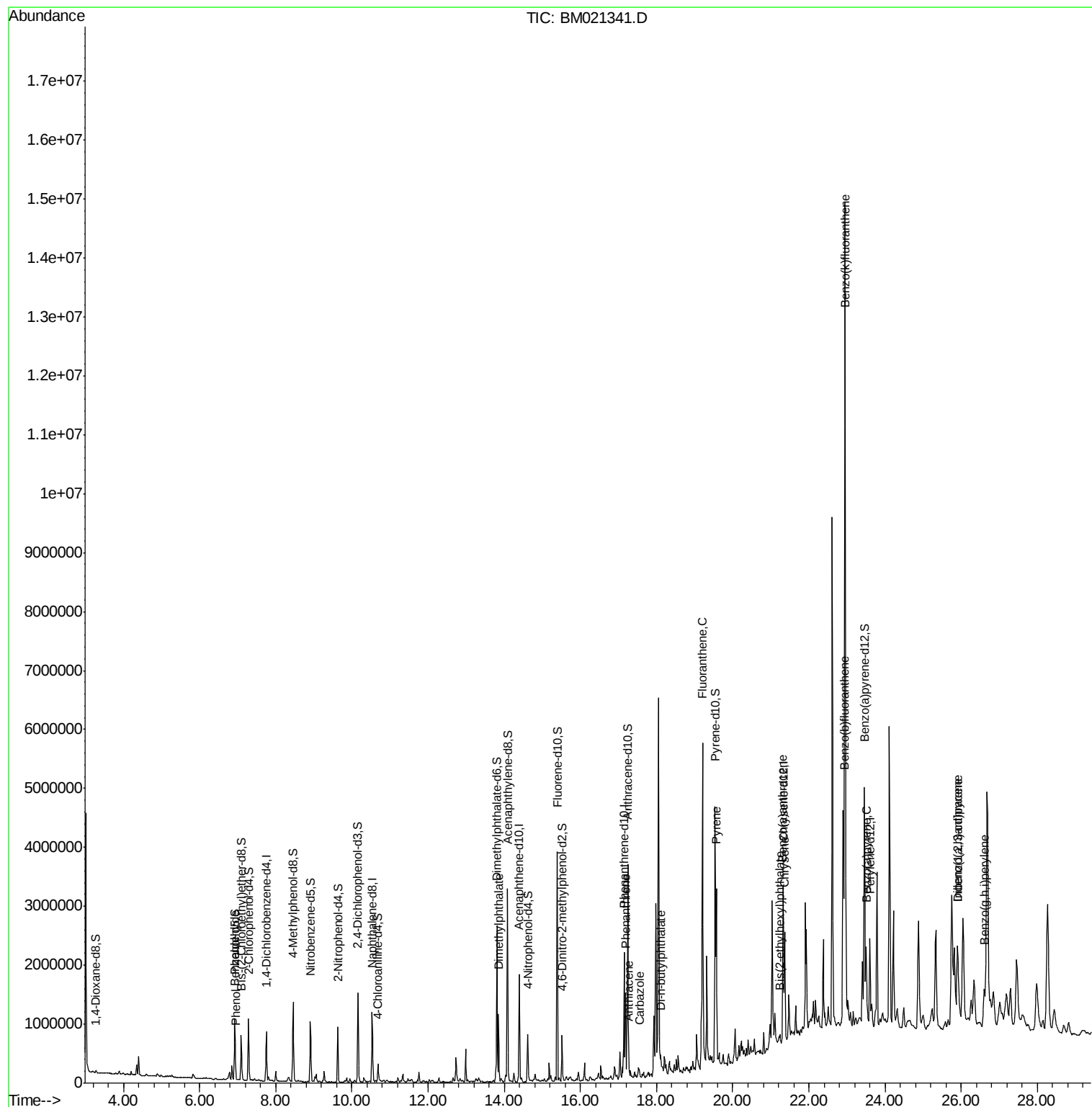
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021341.D
Acq On : 02 Jul 2019 13:57
Operator : HP/JU
Sample : K3594-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

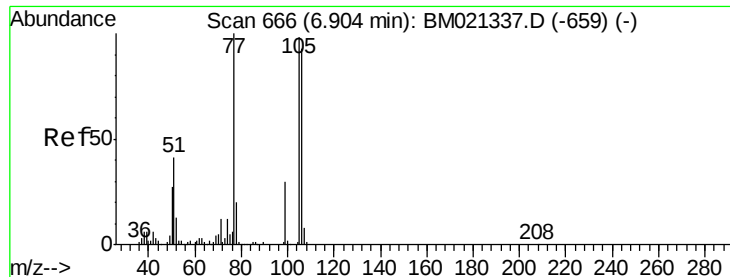
Instrument :
BNA_M
ClientSampleId :
C5BE0

Quant Time: Jul 02 17:13:37 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

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#4

Benzaldehyde

Concen: 1.917 ng/ul

RT: 6.91 min Scan# 667

Delta R.T. -0.00 min

Lab File: BM021341.D

Acq: 02 Jul 2019 13:57

Instrument :

BNA_M

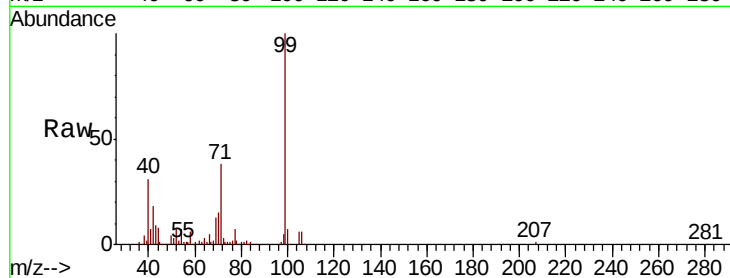
ClientSampleId :

C5BE0

Tot Ion:	77	Resp:	17540
Ion	Ratio	Lower	Upper
77	100		
105	96.5	78.1	117.1
106	85.1	73.4	110.2

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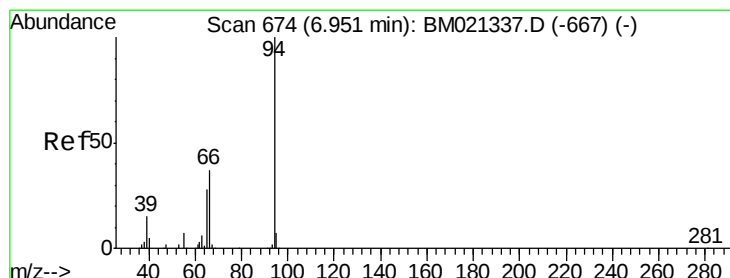
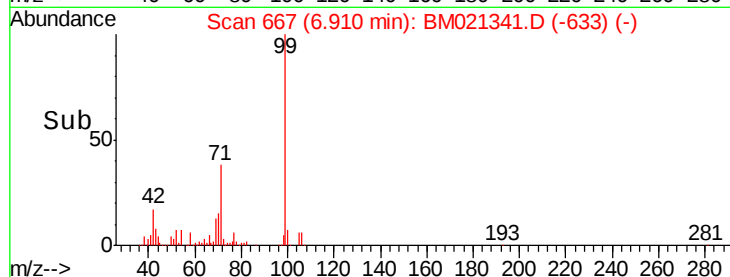
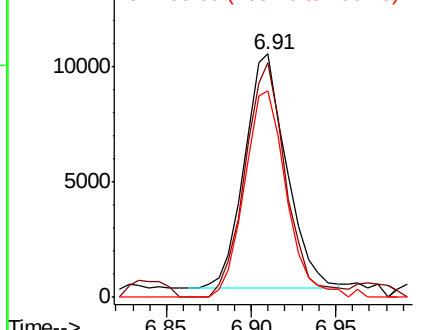
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Abundance Ion 77.00 (76.70 to 77.70): BM021337.D (-659) (-)

Ion 105.00 (104.70 to 105.70): BM021337.D (-659) (-)

Ion 106.00 (105.70 to 106.70): BM021337.D (-659) (-)



#6

Phenol

Concen: 1.151 ng/ul

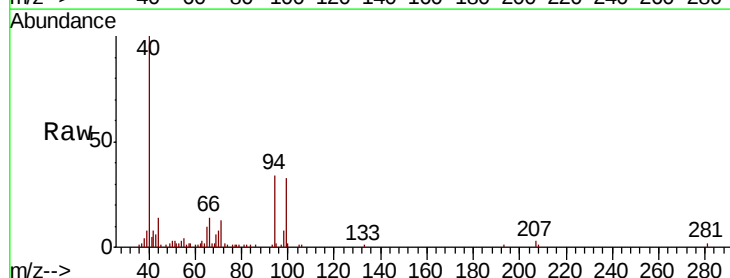
RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM021341.D

Acq: 02 Jul 2019 13:57

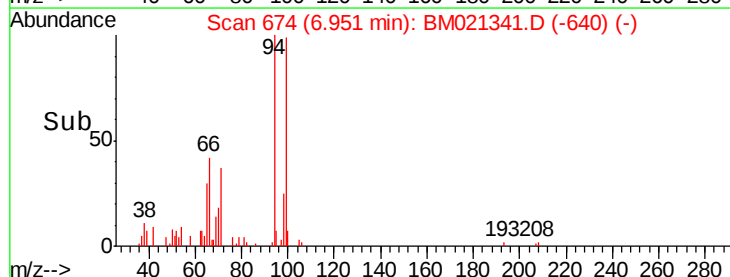
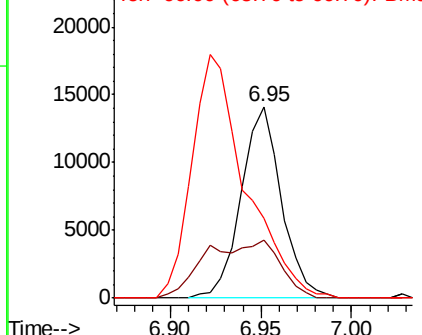
Tgt Ion:	94	Resp:	21851
Ion	Ratio	Lower	Upper
94	100		
65	30.4	22.6	34.0
66	41.6	31.2	46.8

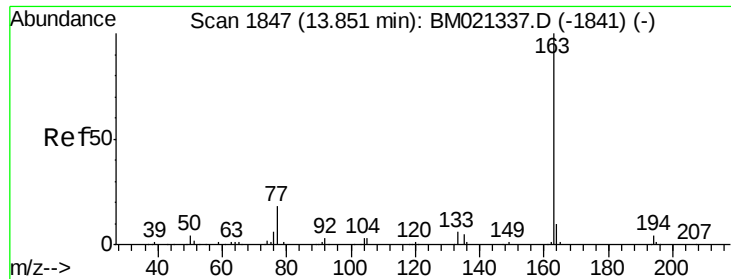


Abundance Ion 94.00 (93.70 to 94.70): BM021337.D (-667) (-)

Ion 65.00 (64.70 to 65.70): BM021337.D (-667) (-)

Ion 66.00 (65.70 to 66.70): BM021337.D (-667) (-)





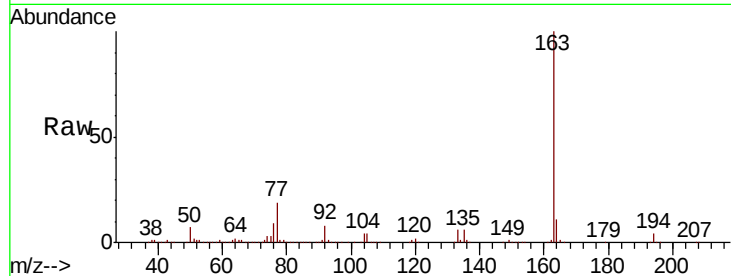
#44
Dimethylphthalate
Concen: 14.458 ng/ul
RT: 13.85 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM021341.D
Acq: 02 Jul 2019 13:57

Instrument :
BNA_M
ClientSampleId :
C5BE0

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.6	7.7	11.5

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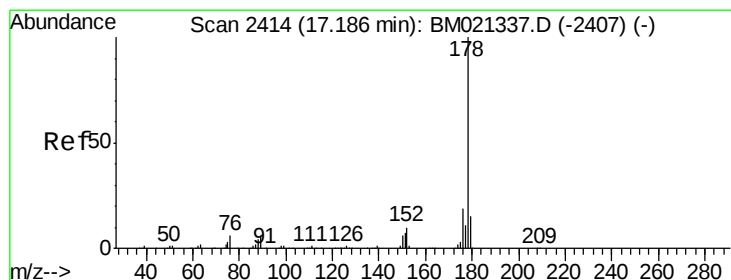
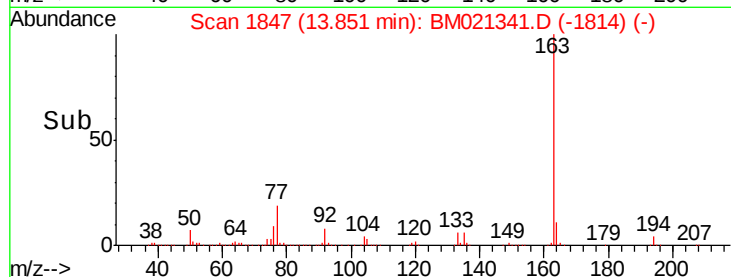
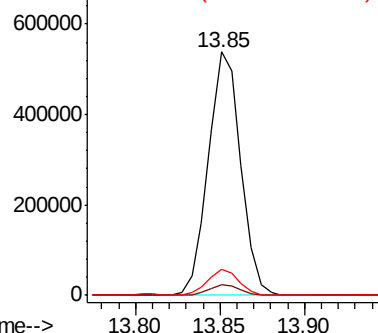


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 12.783 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BM021341.D
Acq: 02 Jul 2019 13:57

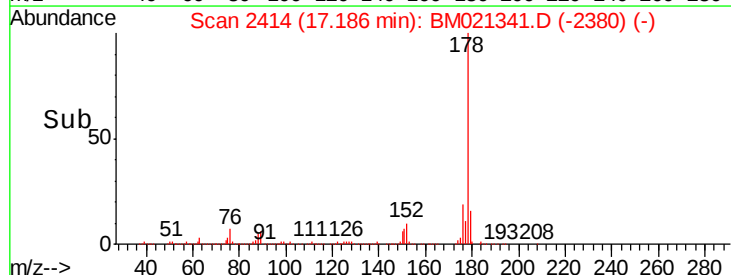
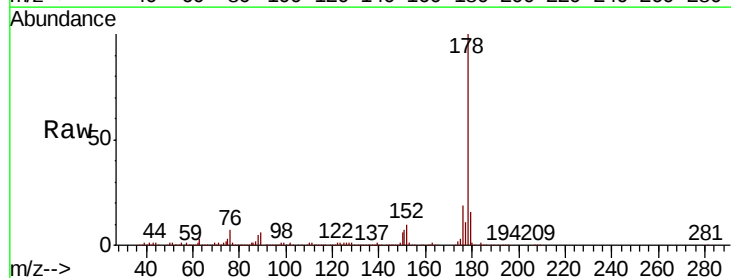
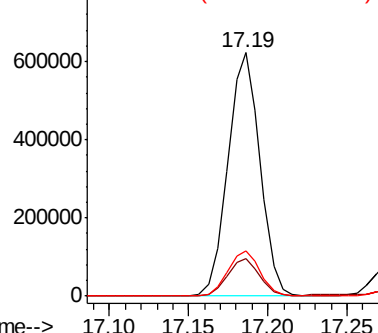
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.8
176	18.8	15.0	22.6

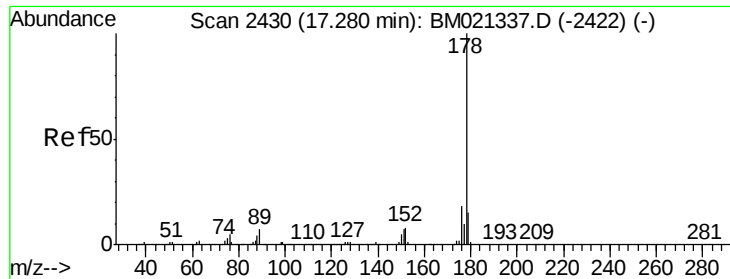
Abundance

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





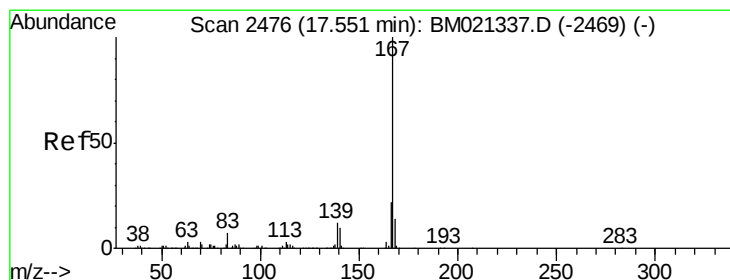
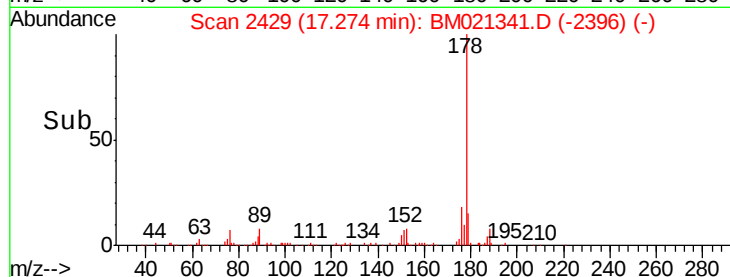
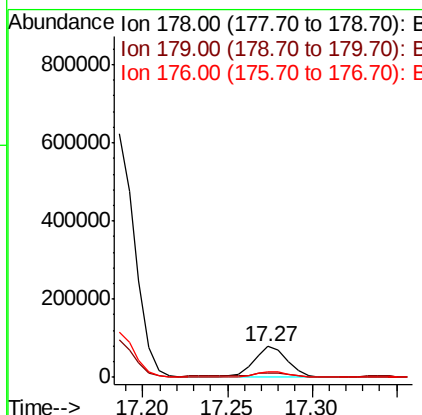
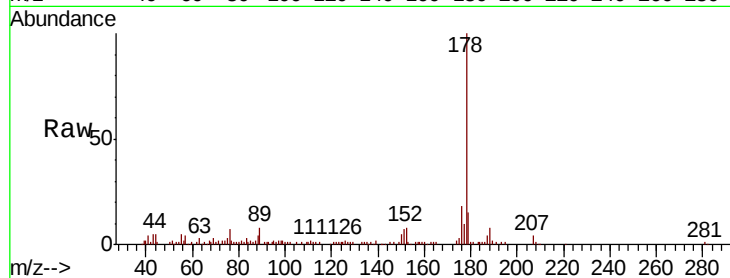
#71
 Anthracene
 Concen: 1.550 ng/ul
 RT: 17.27 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BM021341.D
 Acq: 02 Jul 2019 13:57

Instrument :
 BNA_M
 ClientSampleId :
 C5BE0

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.5	18.7
176	17.6	14.6	21.8

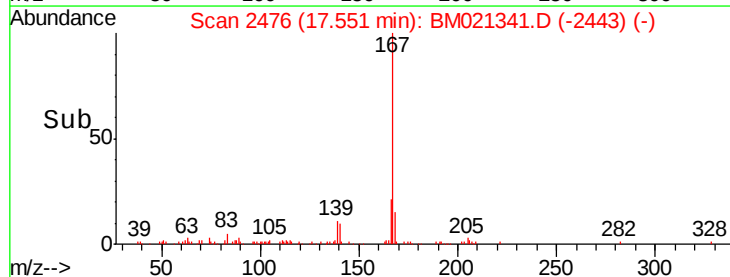
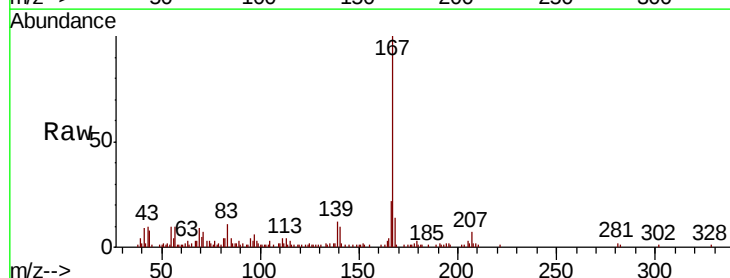
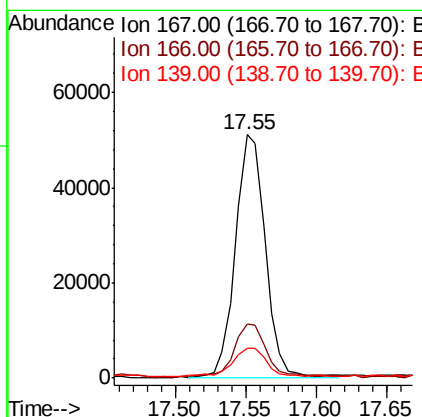
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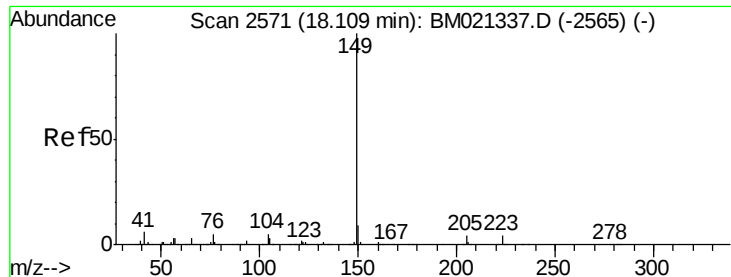
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#74
 Carbazole
 Concen: 1.327 ng/ul
 RT: 17.55 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BM021341.D
 Acq: 02 Jul 2019 13:57

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.2
139	12.2	9.8	14.6





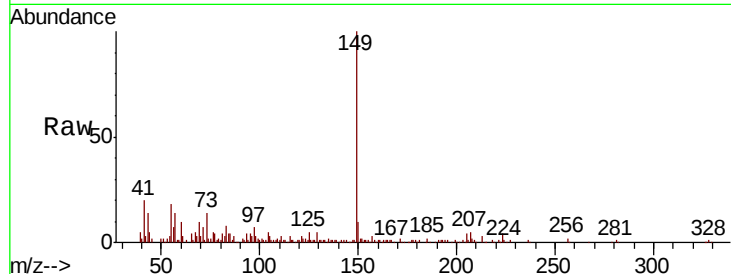
#75
Di-n-butylphthalate
Concen: 1.736 ng/ul
RT: 18.11 min Scan# 2571
Delta R.T. -0.00 min
Lab File: BM021341.D
Acq: 02 Jul 2019 13:57

Instrument :
BNA_M
ClientSampled :
C5BE0

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.3	7.3	10.9	
104	4.7	3.8	5.8	

Manual Integrations
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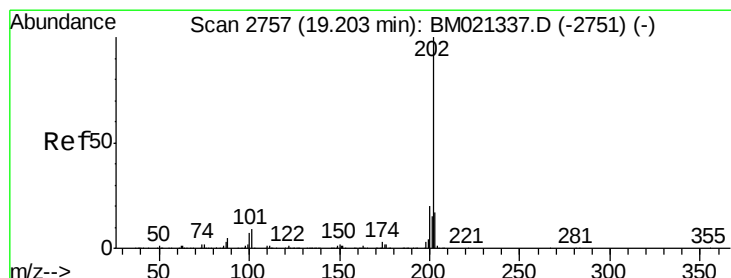
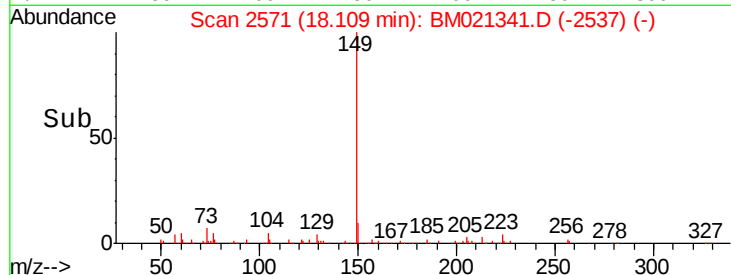
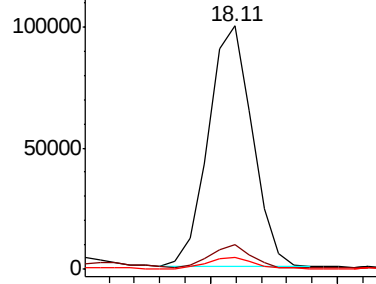


Abundance

Ion 149.00 (148.70 to 149.70): E

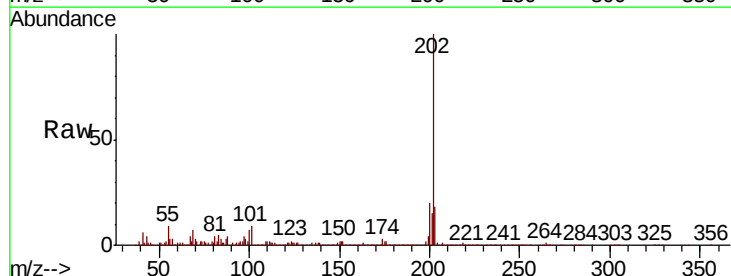
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76
Fluoranthene
Concen: 29.722 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. -0.00 min
Lab File: BM021341.D
Acq: 02 Jul 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	8.9	6.7	10.1	
100	6.8	5.5	8.3	

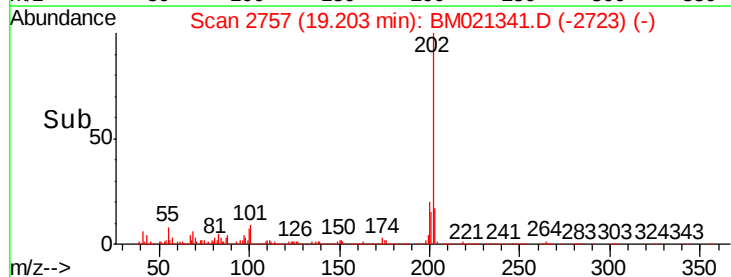
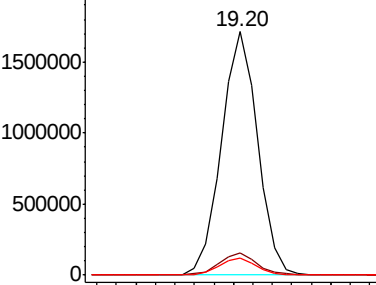


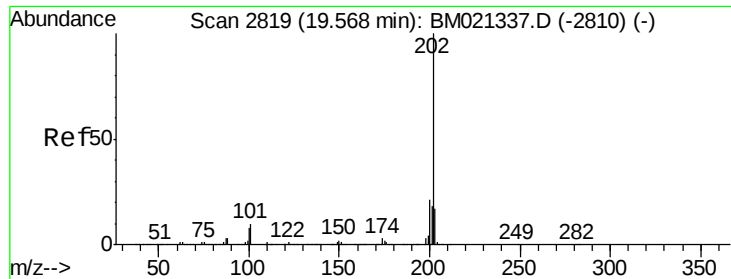
Abundance

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





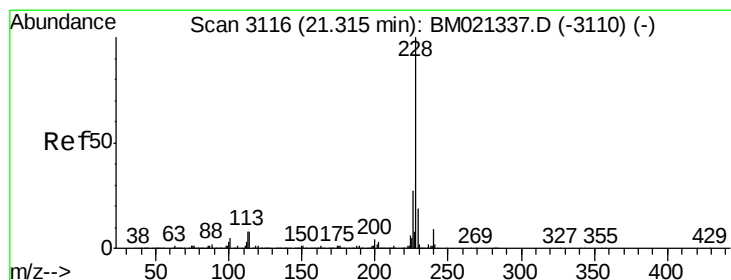
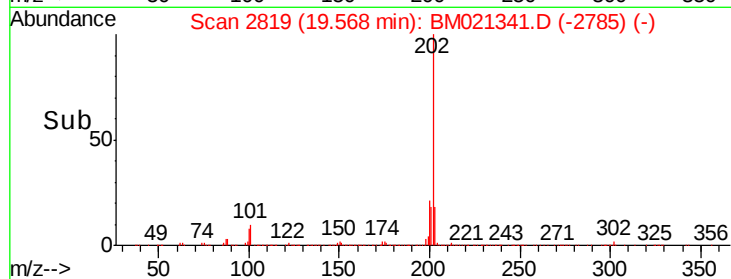
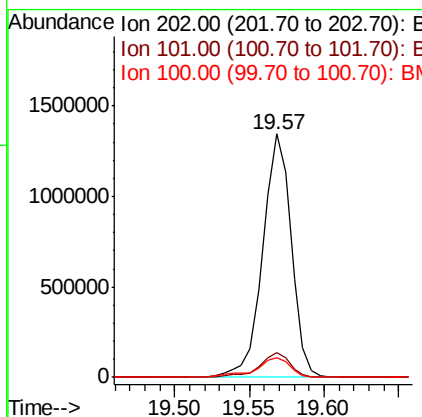
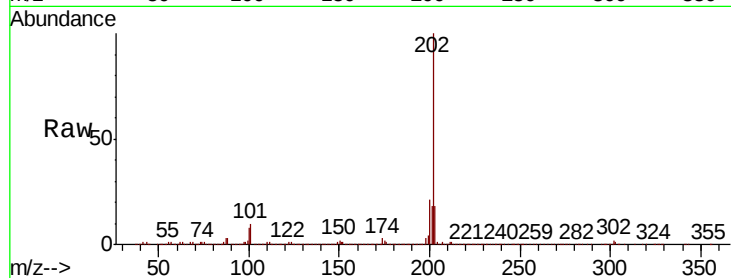
#79
Pvrene
Concen: 27.827 ng/ul
RT: 19.57 min Scan# 2819
Delta R.T. -0.00 min
Lab File: BM021341.D
Acq: 02 Jul 2019 13:57

Instrument :
BNA_M
ClientSampleId :
C5BE0

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

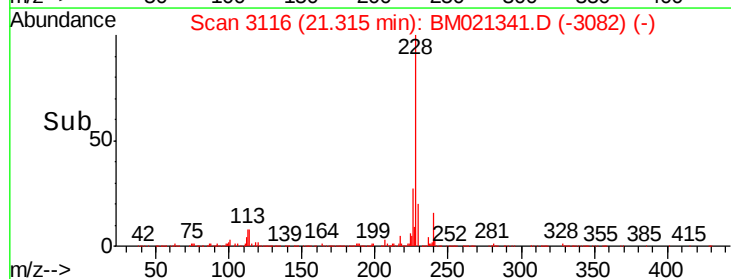
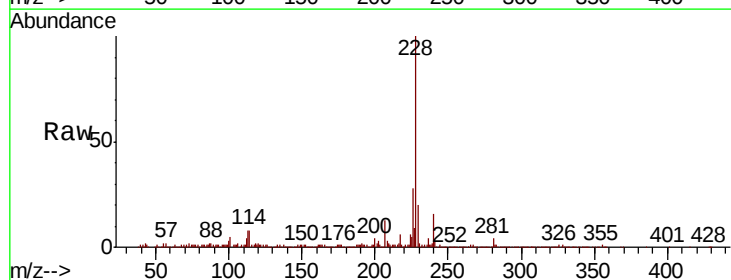
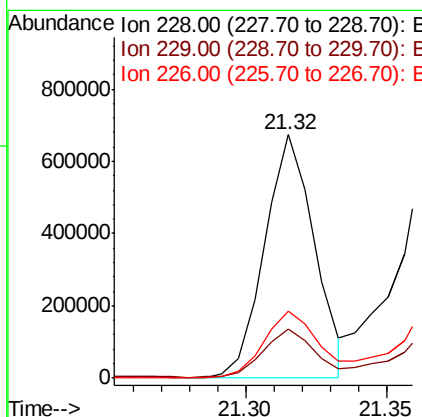
Manual Integrations
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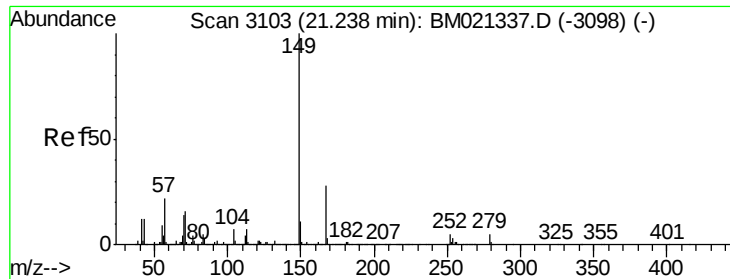
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#82
Benzo(a)anthracene
Concen: 13.421 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BM021341.D
Acq: 02 Jul 2019 13:57

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.8
226	27.7	21.4	32.2





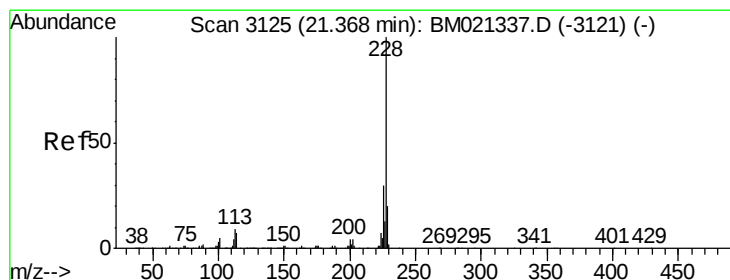
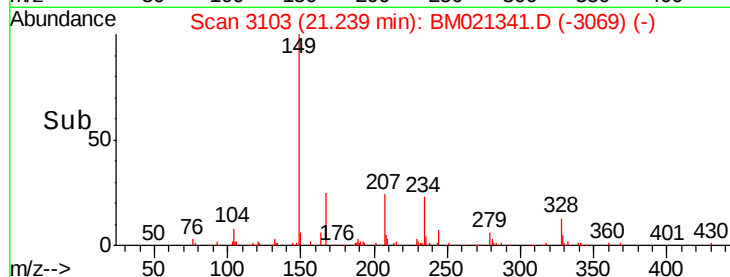
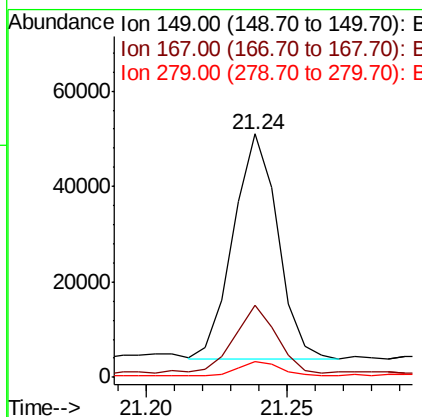
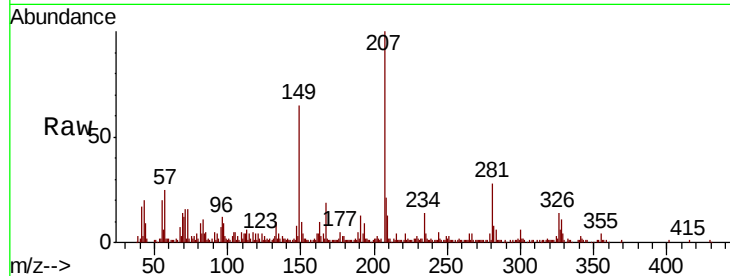
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.526 ng/ul
 RT: 21.24 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: BM021341.D
 Acq: 02 Jul 2019 13:57

Instrument :
 BNA_M
 ClientSampleId :
 C5BE0

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.5	22.3	33.5
279	6.5	3.8	5.6

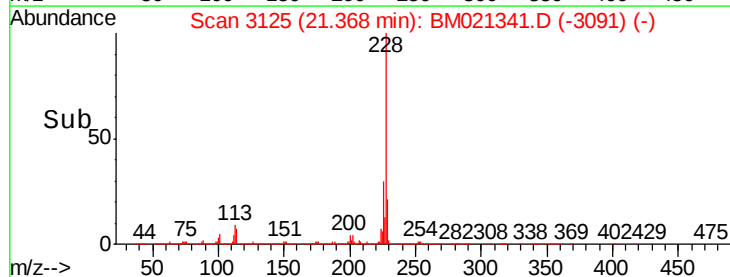
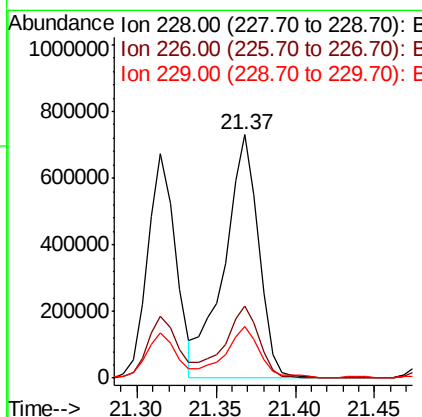
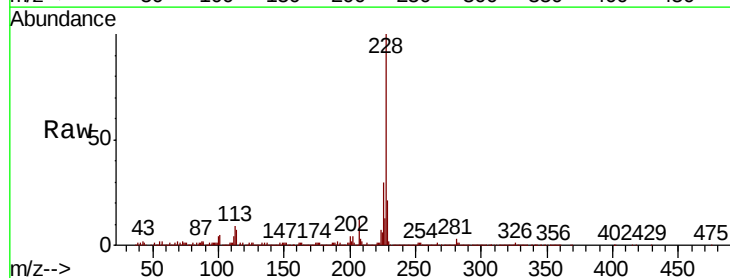
Manual Integrations
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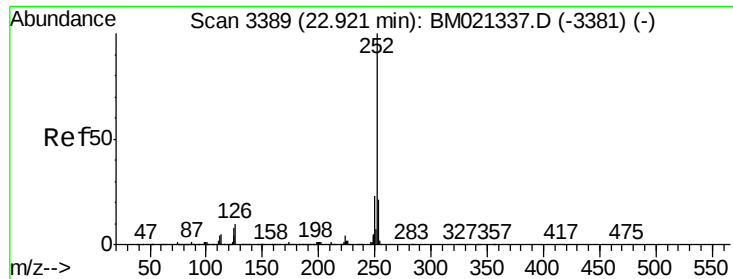
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#84
 Chrysene
 Concen: 18.908 ng/ul
 RT: 21.37 min Scan# 3125
 Delta R.T. -0.00 min
 Lab File: BM021341.D
 Acq: 02 Jul 2019 13:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	21.1	15.4	23.2





#87

Benzo(b)fluoranthene

Concen: 24.666 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. 0.01 min

Lab File: BM021341.D

Acq: 02 Jul 2019 13:57

Instrument :

BNA_M

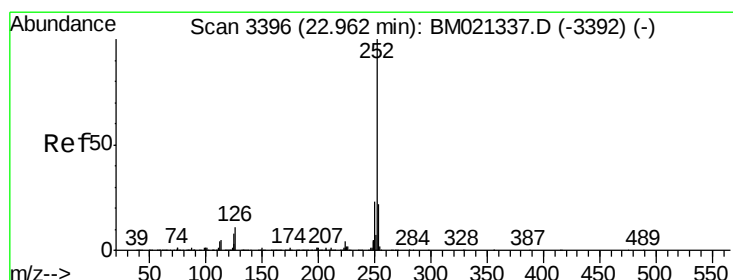
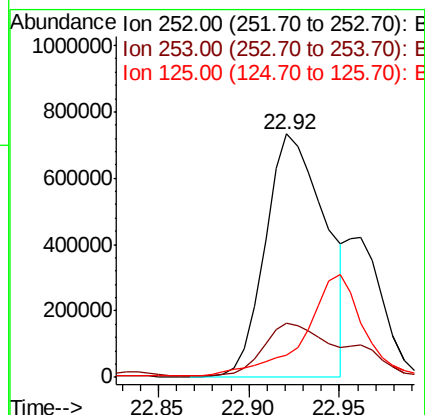
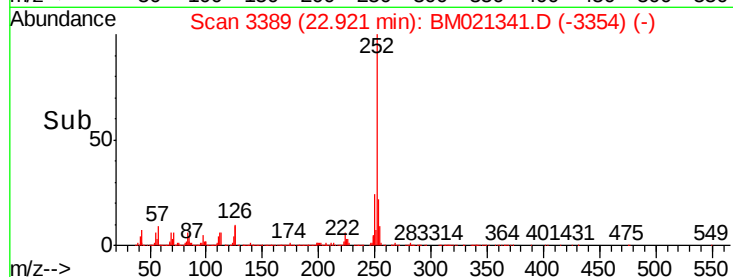
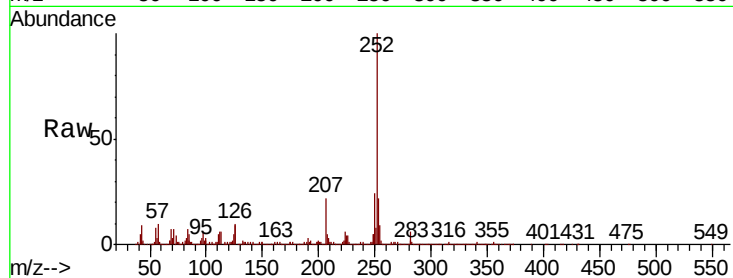
ClientSampled :

C5BE0

Tot Ion:	252	Resp:	1688159
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.3	6.3	9.5

Manual Integrations
APPROVED

mohammad
7/3/2019 10:50:17 PM



#88

Benzo(k)fluoranthene

Concen: 8.839 ng/ul m

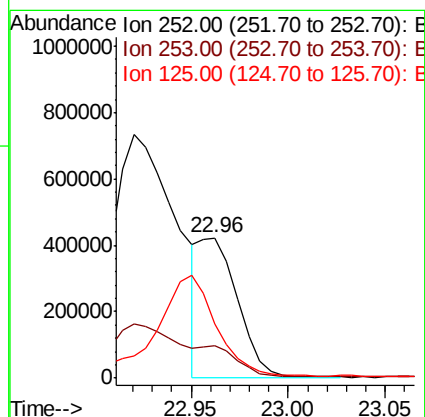
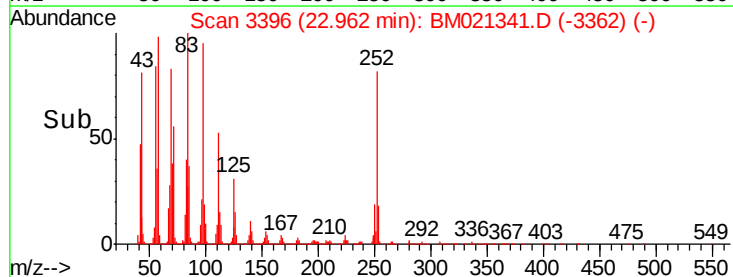
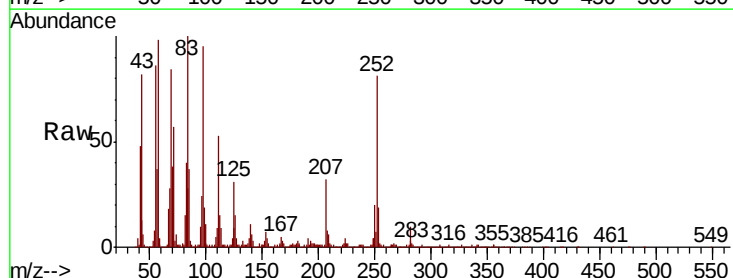
RT: 22.96 min Scan# 3396

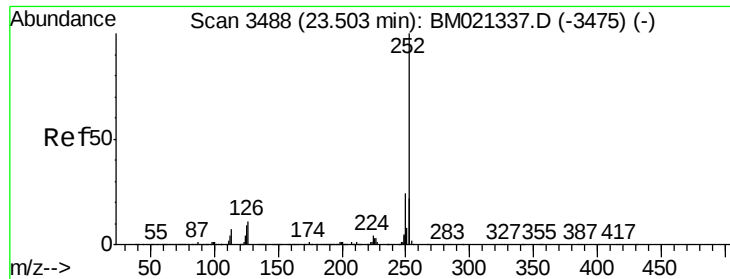
Delta R.T. -0.00 min

Lab File: BM021341.D

Acq: 02 Jul 2019 13:57

Tgt Ion:	252	Resp:	581985
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	38.6	6.6	9.8#





#90

Benzo(a)pyrene

Concen: 14.935 ng/ul

RT: 23.50 min Scan# 3488

Delta R.T. 0.01 min

Lab File: BM021341.D

Acq: 02 Jul 2019 13:57

Instrument :

BNA_M

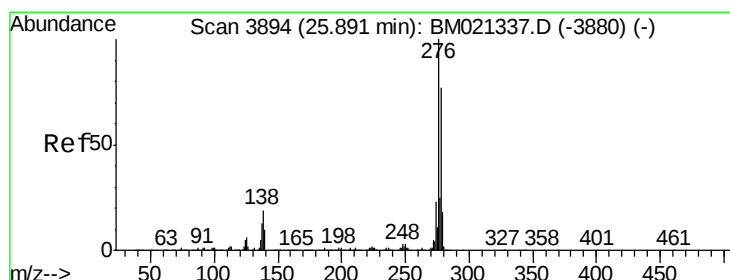
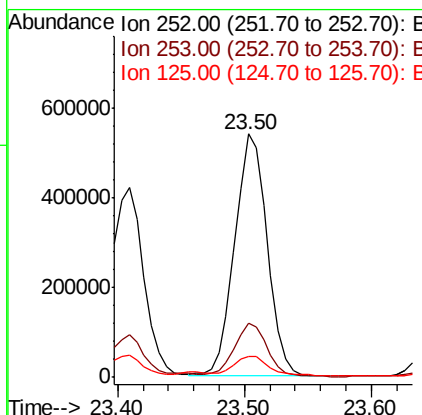
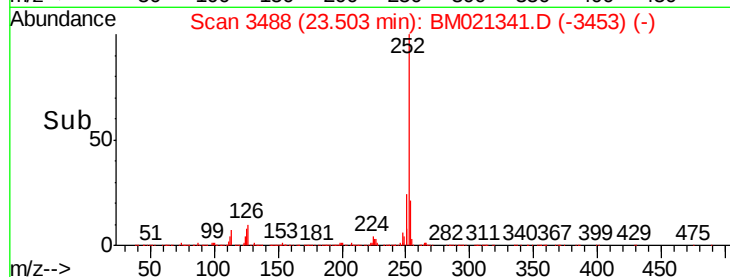
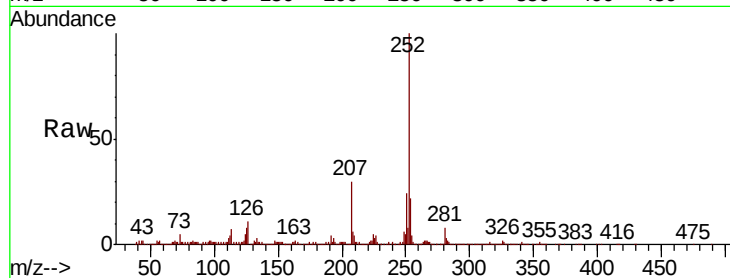
ClientSampleId :

C5BE0

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	8.5	7.2	10.8

Manual Integrations
APPROVED

mohammad
7/3/2019 10:50:17 PM



#91

Indeno(1,2,3-cd)pyrene

Concen: 10.984 ng/ul

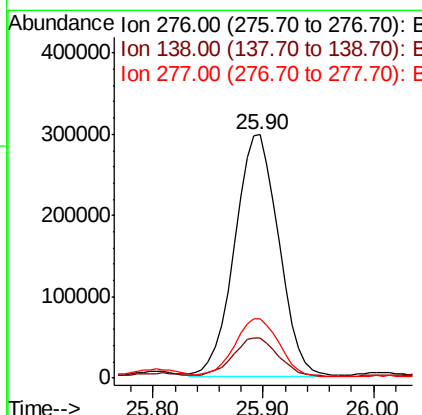
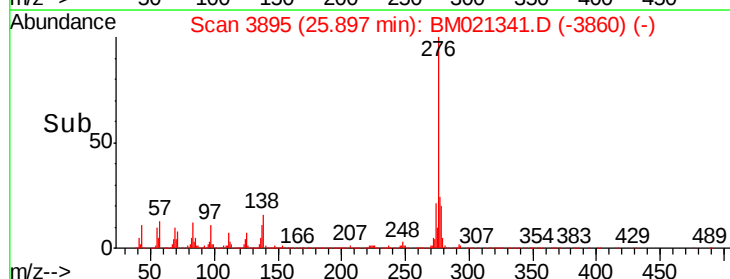
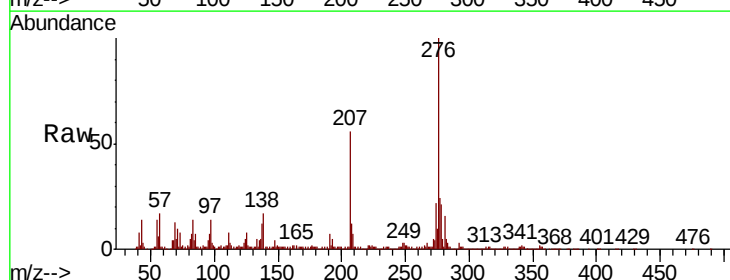
RT: 25.90 min Scan# 3895

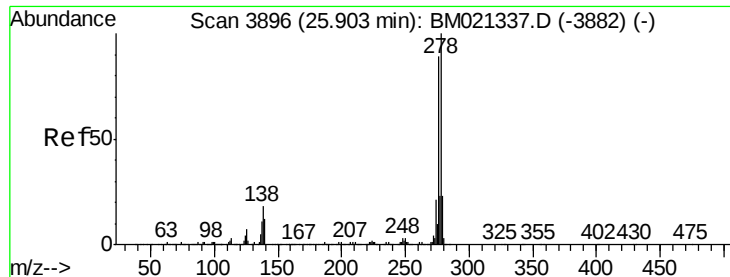
Delta R.T. 0.01 min

Lab File: BM021341.D

Acq: 02 Jul 2019 13:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.5	15.9	23.9
277	24.2	20.4	30.6





#92

Dibenzo(a,h)anthracene

Concen: 3.221 ng/ul

RT: 25.90 min Scan# 3895

Delta R.T. -0.00 min

Lab File: BM021341.D

Acq: 02 Jul 2019 13:57

Instrument :

BNA_M

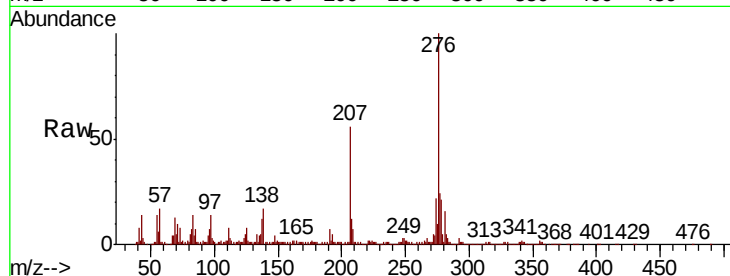
ClientSampleId :

C5BE0

Tot Ion:	278	Resp:	205514
Ion Ratio	Lower	Upper	
278	100		
139	0.0	10.6	15.8#
279	24.5	19.0	28.4

Manual Integrations
APPROVED

mohammad
7/3/2019 10:50:17 PM

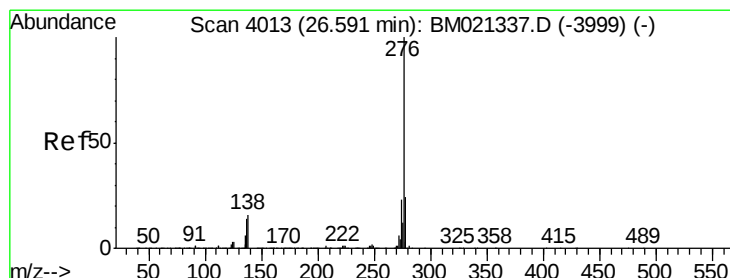
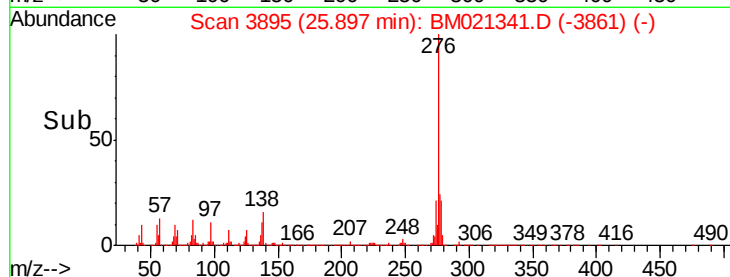
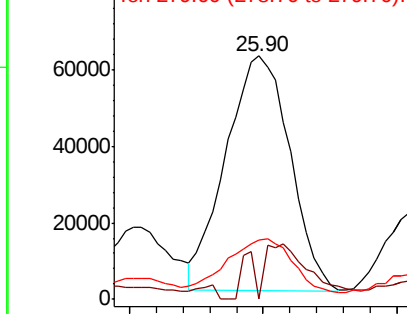


Abundance

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(g,h,i)perylene

Concen: 11.637 ng/ul

RT: 26.60 min Scan# 4015

Delta R.T. 0.01 min

Lab File: BM021341.D

Acq: 02 Jul 2019 13:57

Tgt Ion:	276	Resp:	727042
Ion Ratio	Lower	Upper	
276	100		
138	17.0	14.6	21.8
277	25.4	18.9	28.3

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

