

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120619\
 Data File : BM024015.D
 Acq On : 06 Dec 2019 14:31
 Operator : JU
 Sample : K6007-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BL2

Manual Integrations
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mohammad
 12/9/2019 3:09:08 PM

Quant Time: Dec 06 15:13:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 06 13:09:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	353009	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1436105	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	865554	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1759460	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1675493	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	2024188	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	34034	4.29	ng/uL	0.00
5) Phenol-d5	6.67	99	621526	20.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	389228	21.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	502479	21.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	500329	20.50	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	241047	21.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	265703	20.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	483106	20.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	547737	20.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1467326	21.82	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1794847	22.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	166102	14.69	ng/ul	0.00
58) Fluorene-d10	15.14	176	1291392	22.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	167384	15.15	ng/ul	0.00
71) Anthracene-d10	16.99	188	1895203	22.55	ng/ul	0.00
79) Pyrene-d10	19.30	212	2106627	24.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.11	264	2559664	23.92	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.70	94	61111	1.920	ng/ul	97
45) Dimethylphthalate	13.61	163	532166	8.083	ng/ul	99
59) Fluorene	15.20	166	88796	1.374	ng/ul	97
70) Phenanthrene	16.93	178	724912	7.293	ng/ul	99
72) Anthracene	17.03	178	179660	1.780	ng/ul	98
77) Fluoranthene	18.96	202	862015	8.087	ng/ul	99
80) Pyrene	19.33	202	673999	5.970	ng/ul	98
83) Benzo(a)anthracene	21.09	228	329223	2.940	ng/ul	98
85) Chrysene	21.14	228	299226m	2.845	ng/ul	
88) Benzo(b)fluoranthene	22.61	252	391324	3.126	ng/ul#	94
89) Benzo(k)fluoranthene	22.64	252	131649m	1.108	ng/ul	
91) Benzo(a)pyrene	23.15	252	289841	2.449	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.36	276	181546	1.235	ng/ul	96
94) Benzo(g,h,i)perylene	26.01	276	166707	1.354	ng/ul	97

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

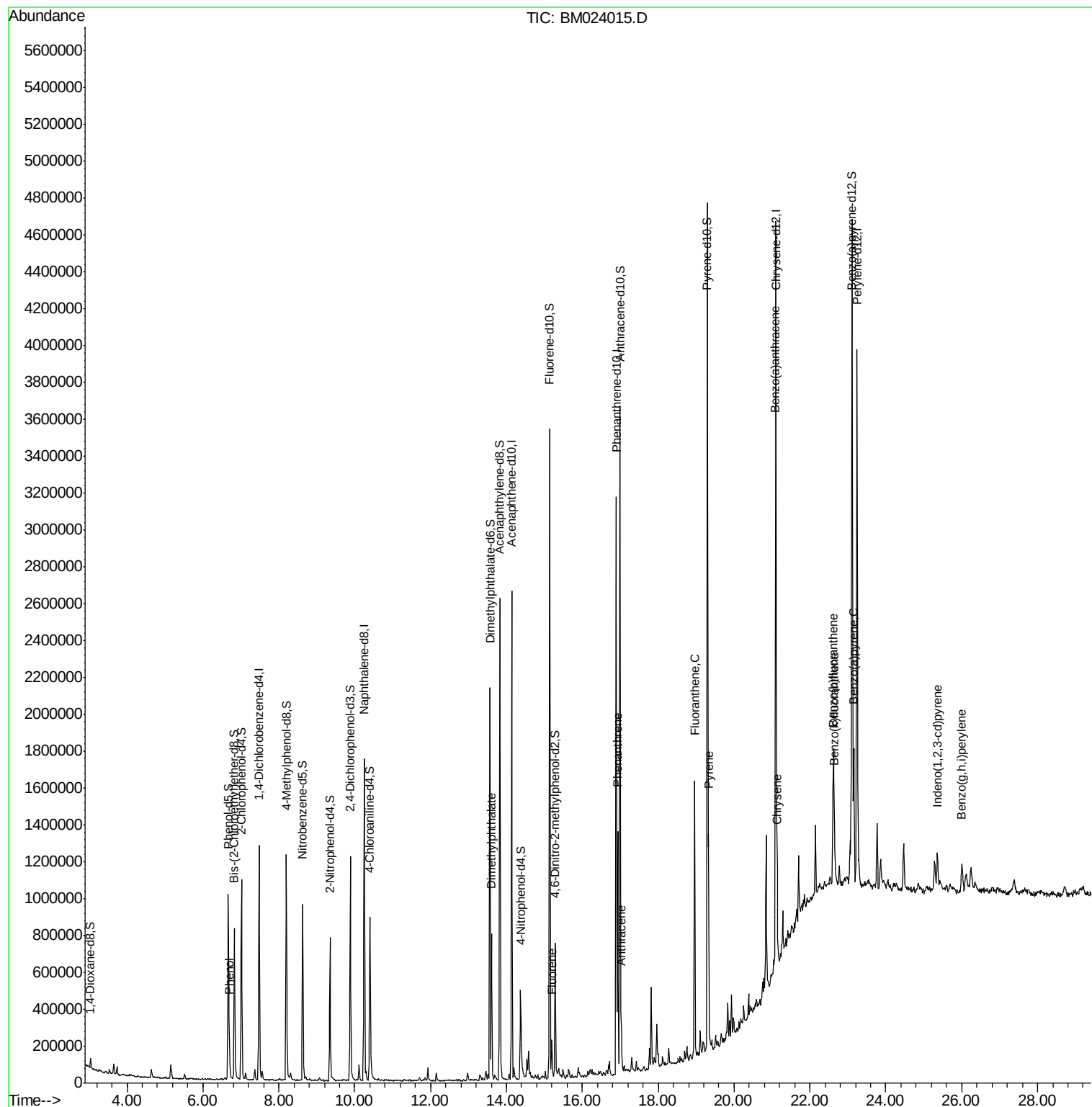
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120619\
Data File : BM024015.D
Acq On : 06 Dec 2019 14:31
Operator : JU
Sample : K6007-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

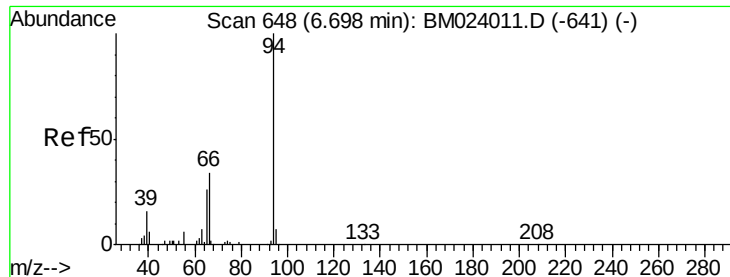
Instrument :
BNA_M
ClientSampleId :
C0BL2

Quant Time: Dec 06 15:13:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 06 13:09:45 2019
Response via : Initial Calibration

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#6

Phenol

Concen: 1.920 ng/ul

RT: 6.70 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM024015.D

Acq: 06 Dec 2019 14:31

Instrument :

BNA_M

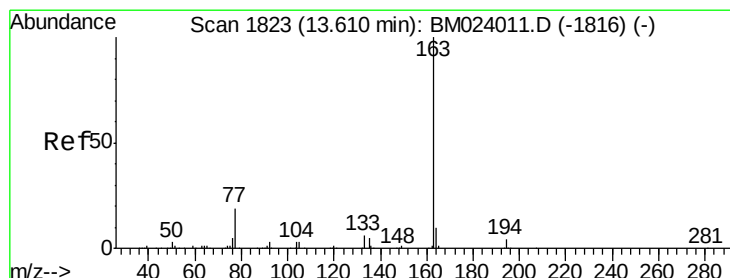
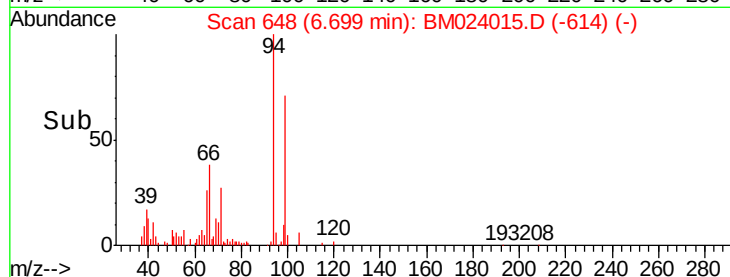
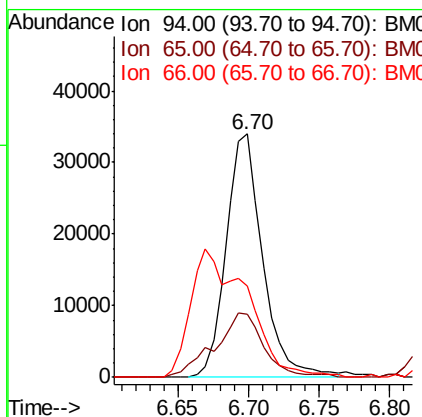
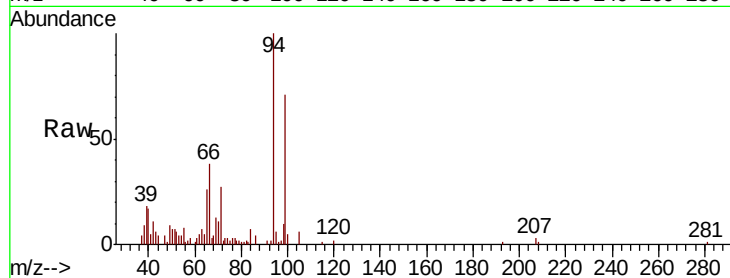
ClientSampleId :

C0BL2

Tot Ion:	94	Resp:	61111
Ion	Ratio	Lower	Upper
94	100		
65	25.7	21.7	32.5
66	37.5	28.8	43.2

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#45

Dimethylphthalate

Concen: 8.083 ng/ul

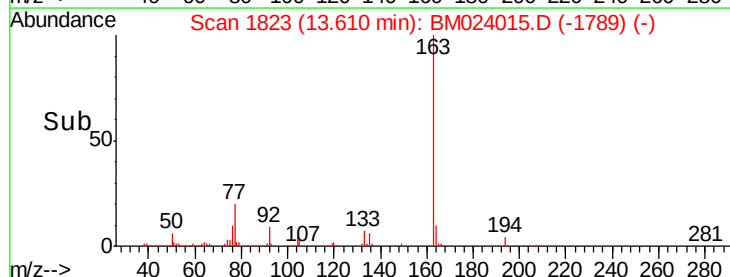
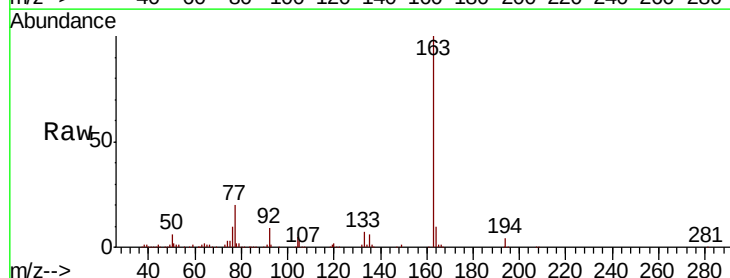
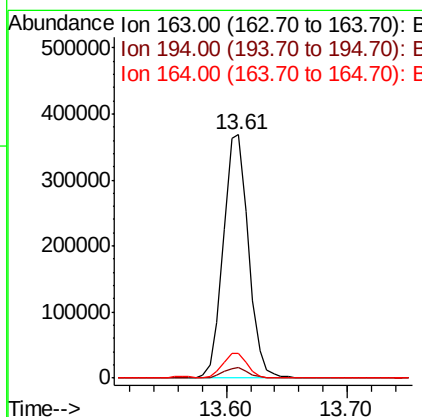
RT: 13.61 min Scan# 1823

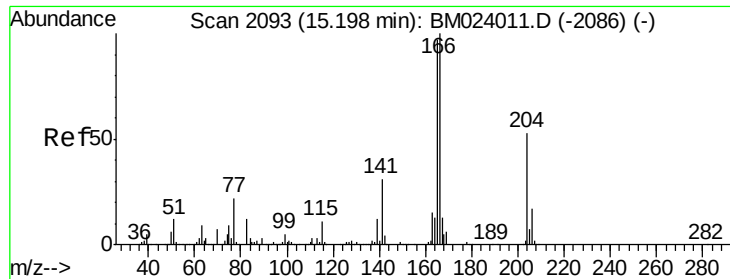
Delta R.T. 0.00 min

Lab File: BM024015.D

Acq: 06 Dec 2019 14:31

Tgt Ion:	163	Resp:	532166
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.2	7.9	11.9





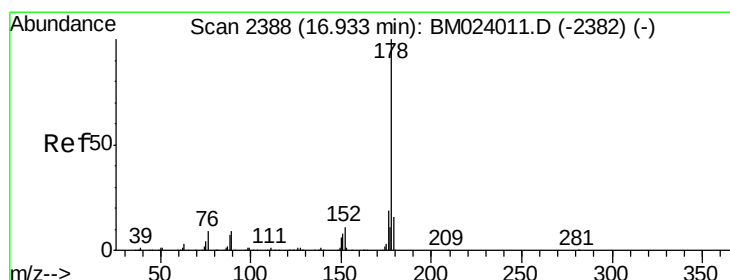
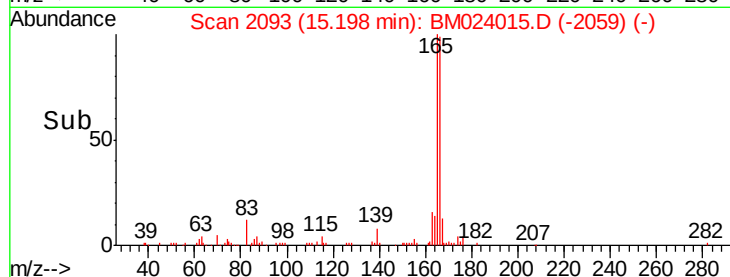
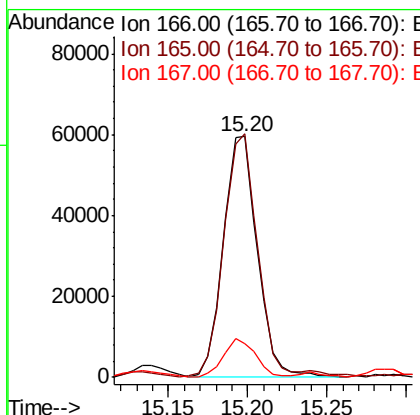
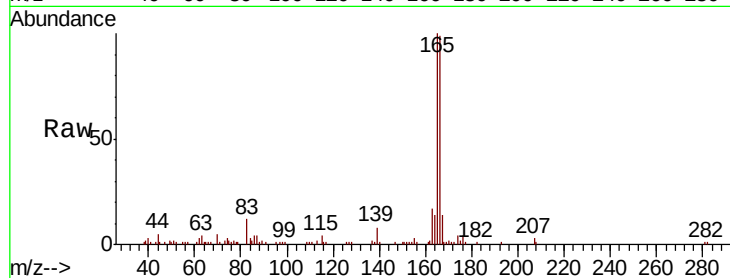
#59
Fluorene
Concen: 1.374 ng/ul
RT: 15.20 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BM024015.D
Acq: 06 Dec 2019 14:31

Instrument :
BNA_M
ClientSampleId :
C0BL2

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.3	78.6	118.0
167	14.2	11.1	16.7

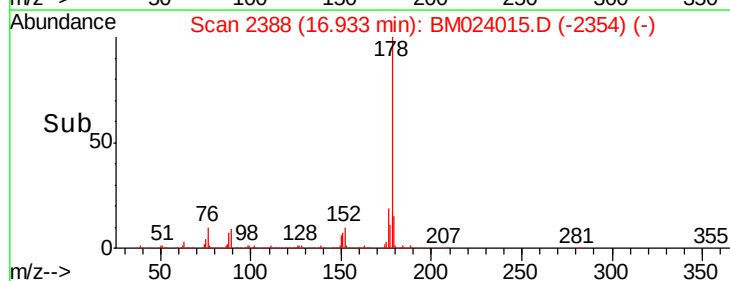
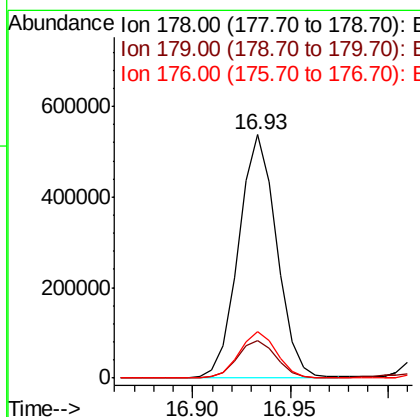
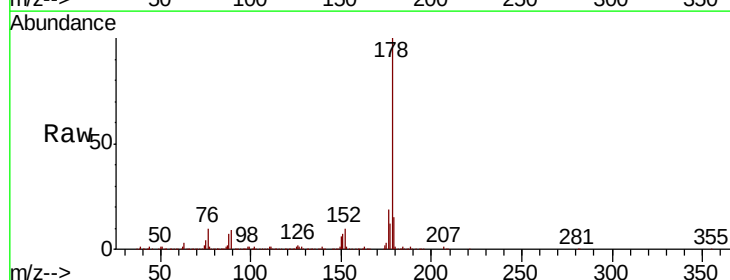
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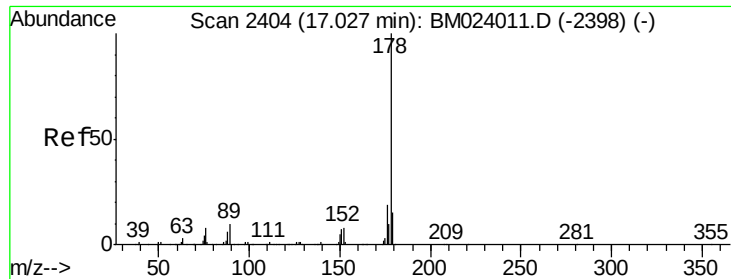
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#70
Phenanthrene
Concen: 7.293 ng/ul
RT: 16.93 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BM024015.D
Acq: 06 Dec 2019 14:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.0	18.0
176	19.1	15.1	22.7





#72

Anthracene

Concen: 1.780 ng/ul

RT: 17.03 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BM024015.D

Acq: 06 Dec 2019 14:31

Instrument :

BNA_M

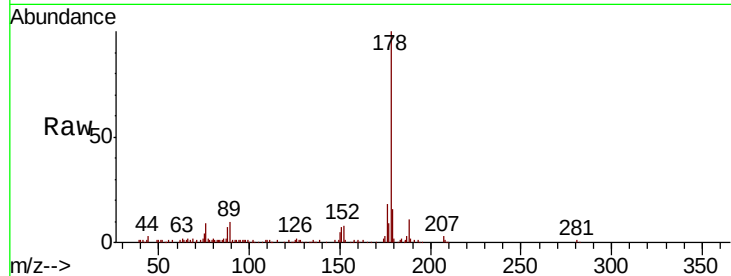
ClientSampled :

C0BL2

Tot Ion:	178	Resp:	179660
Ion Ratio	Lower	Upper	
178	100		
179	15.7	11.9	17.9
176	17.5	14.7	22.1

Manual Integrations
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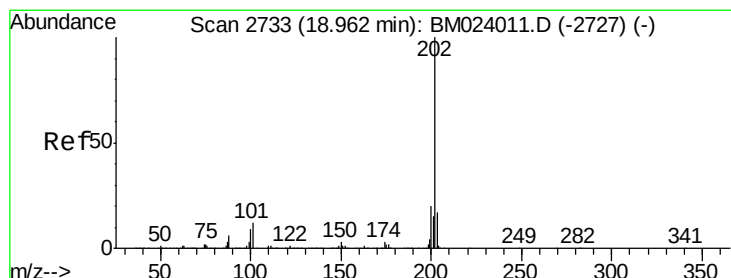
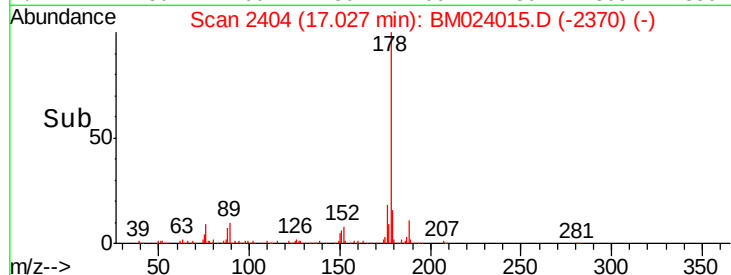
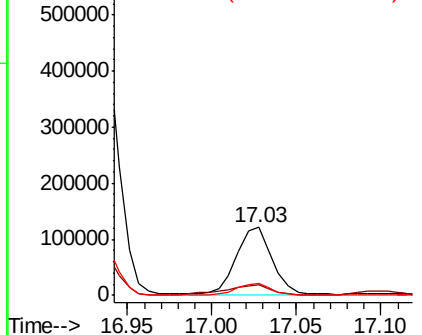


Abundance

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



#77

Fluoranthene

Concen: 8.087 ng/ul

RT: 18.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: BM024015.D

Acq: 06 Dec 2019 14:31

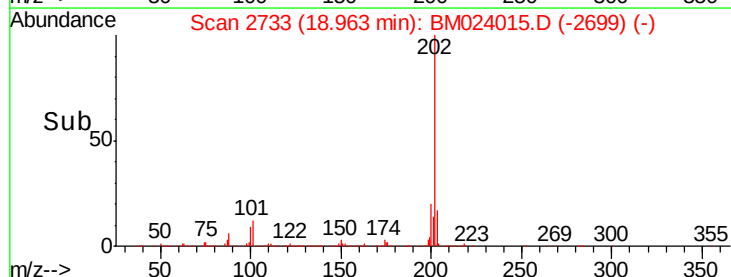
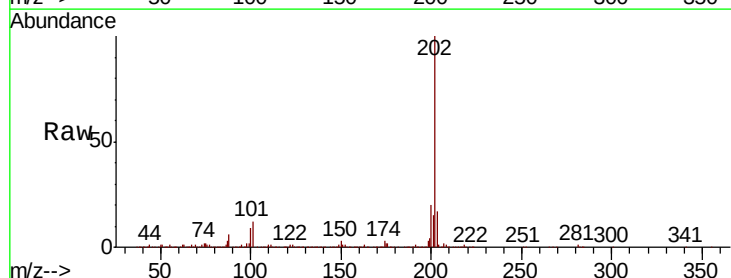
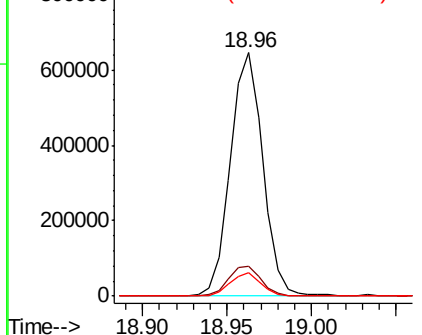
Tgt Ion:	202	Resp:	862015
Ion Ratio	Lower	Upper	
202	100		
101	12.3	10.1	15.1
100	9.5	7.8	11.6

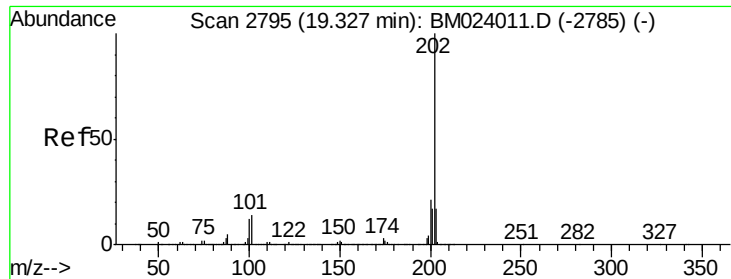
Abundance

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





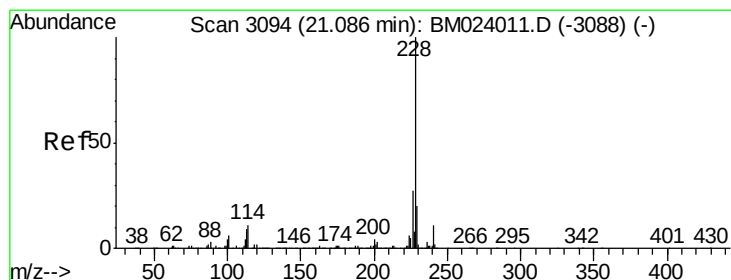
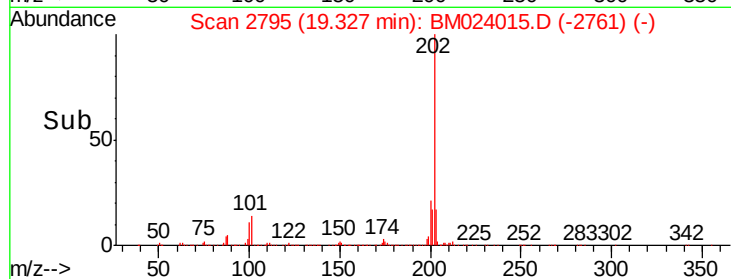
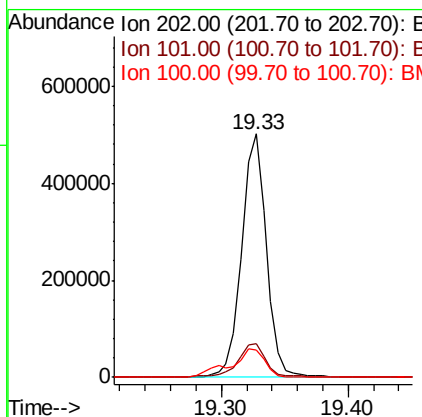
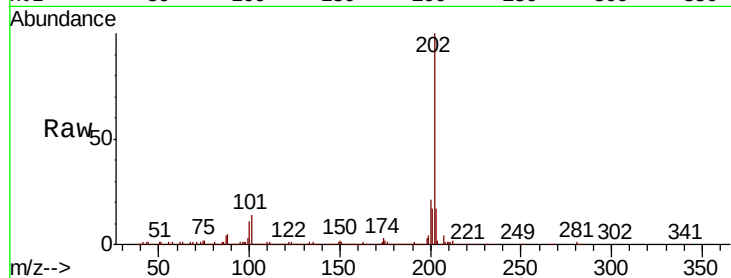
#80
Pvrene
Concen: 5.970 ng/ul
RT: 19.33 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BM024015.D
Acq: 06 Dec 2019 14:31

Instrument :
BNA_M
ClientSampleId :
C0BL2

Tot Ion:	202	Resp:	673999
Ion Ratio	Lower	Upper	
202	100		
101	13.7	11.8	17.6
100	11.3	9.8	14.6

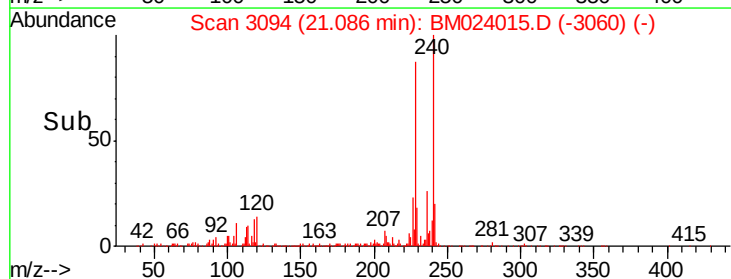
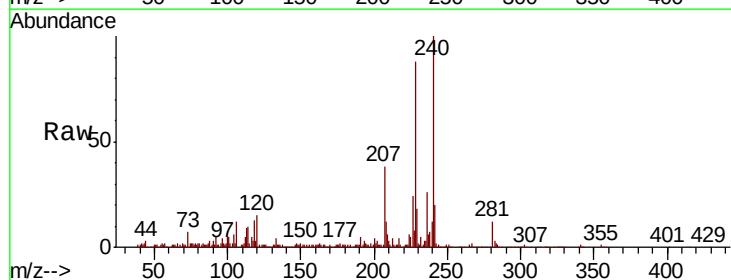
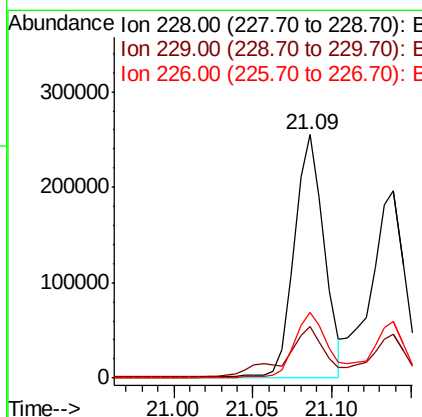
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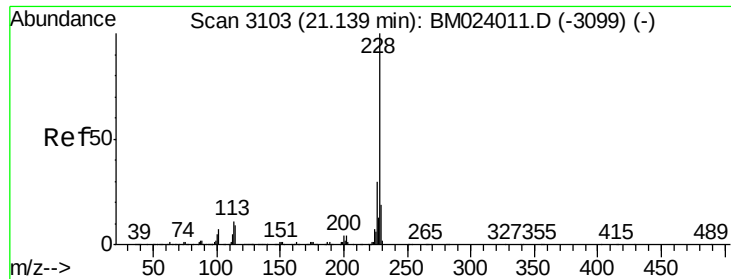
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#83
Benzo(a)anthracene
Concen: 2.940 ng/ul
RT: 21.09 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM024015.D
Acq: 06 Dec 2019 14:31

Tgt Ion:	228	Resp:	329223
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.6	23.4
226	27.1	21.4	32.0





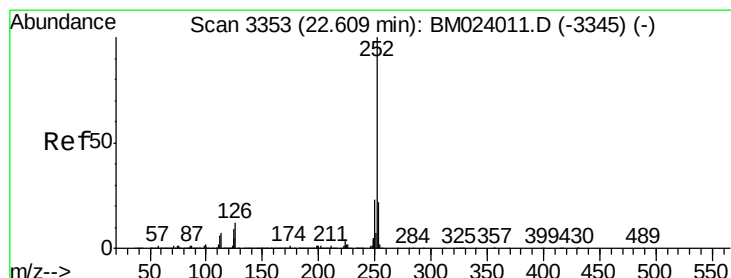
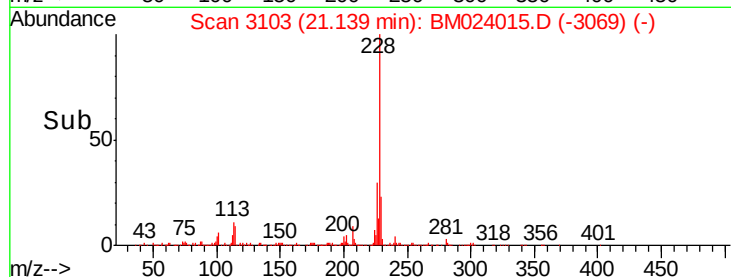
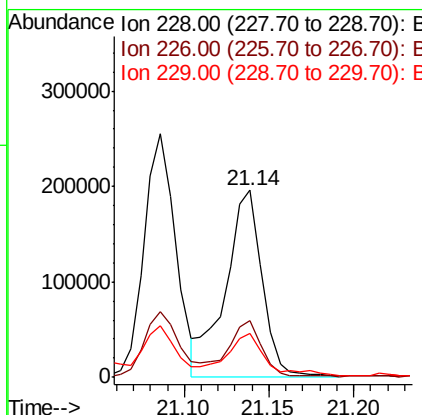
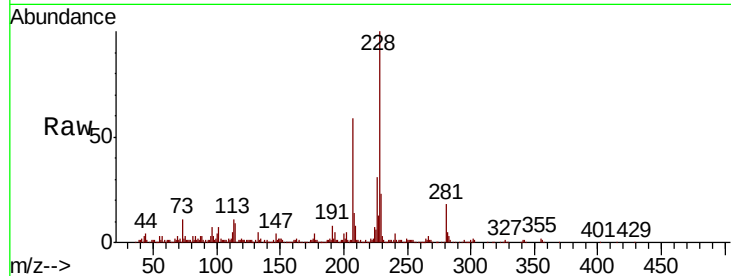
#85
Chrysene
Concen: 2.845 ng/ul m
RT: 21.14 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BM024015.D
Acq: 06 Dec 2019 14:31

Instrument :
BNA_M
ClientSampleId :
C0BL2

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	23.5	15.3	22.9

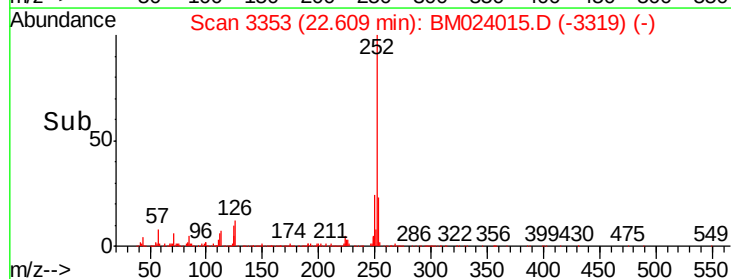
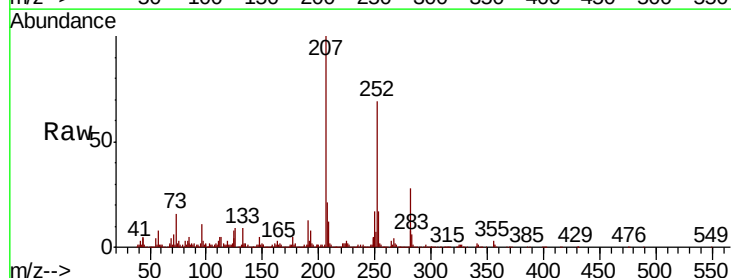
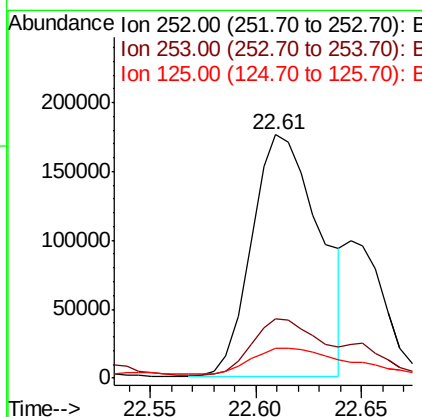
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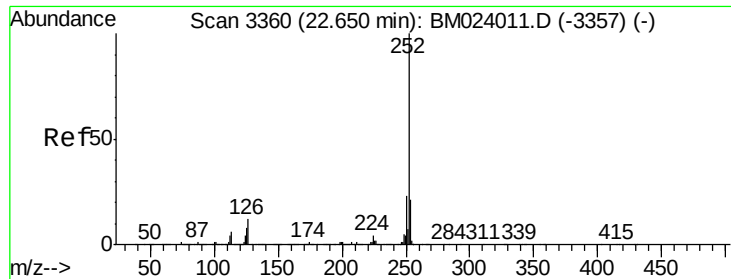
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#88
Benzo(b)fluoranthene
Concen: 3.126 ng/ul
RT: 22.61 min Scan# 3353
Delta R.T. 0.00 min
Lab File: BM024015.D
Acq: 06 Dec 2019 14:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	12.0	7.4	11.2





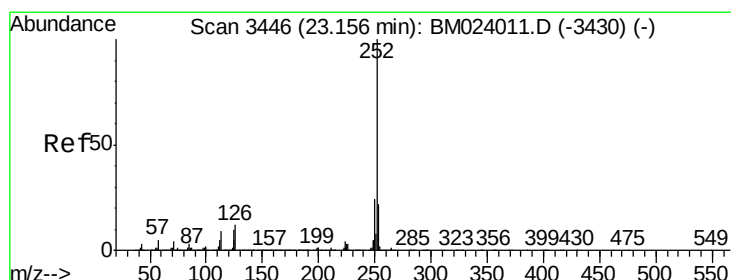
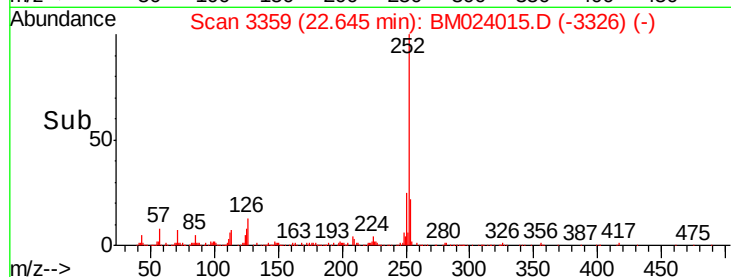
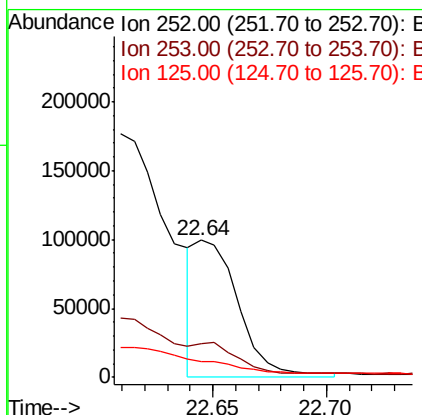
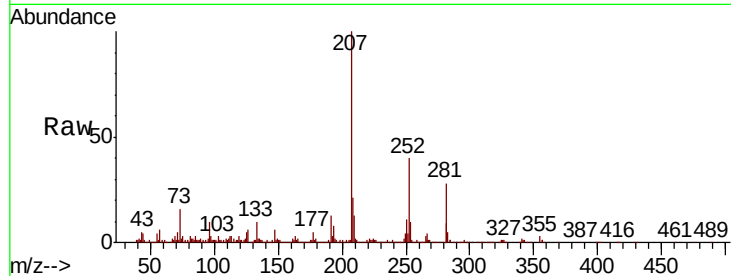
#89
Benzo(k)fluoranthene
Concen: 1.108 ng/ul m
RT: 22.64 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BM024015.D
Acq: 06 Dec 2019 14:31

Instrument :
BNA_M
ClientSampled :
C0BL2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.2	25.8
125	11.5	7.0	10.4

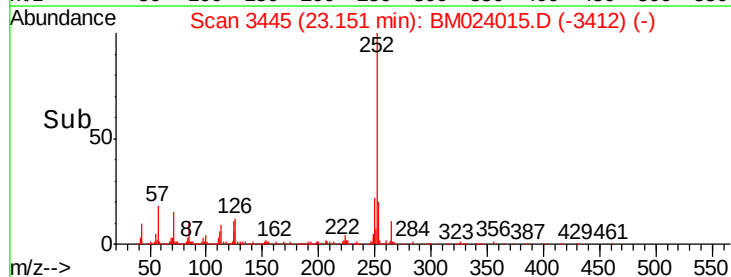
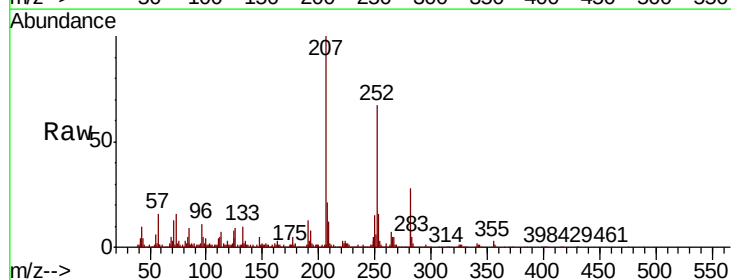
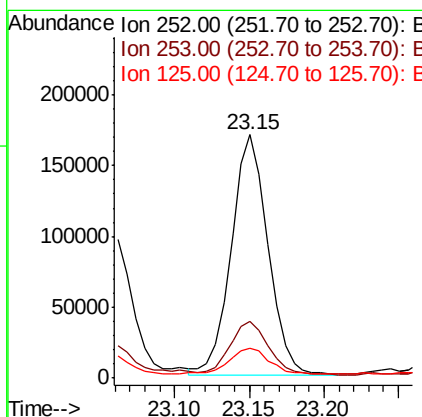
Manual Integrations
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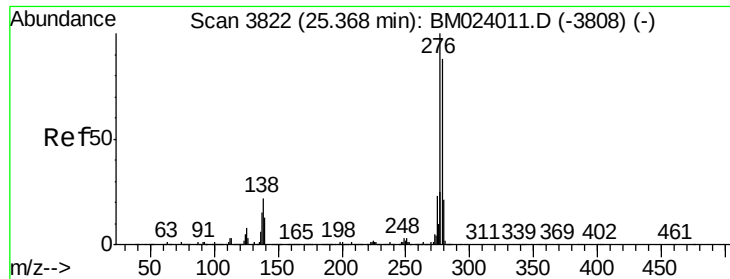
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#91
Benzo(a)pyrene
Concen: 2.449 ng/ul
RT: 23.15 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM024015.D
Acq: 06 Dec 2019 14:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	12.2	7.8	11.6





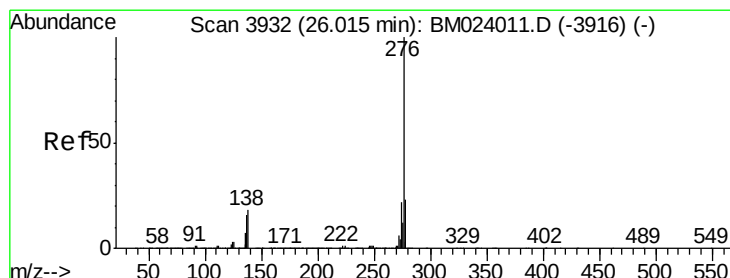
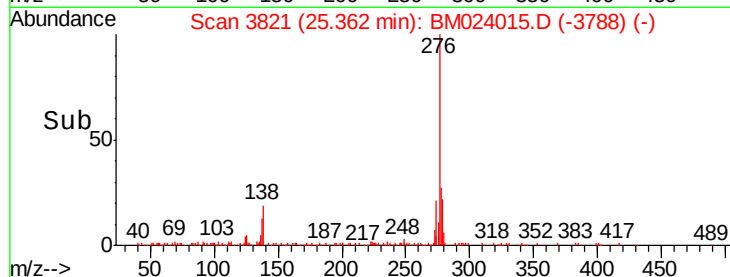
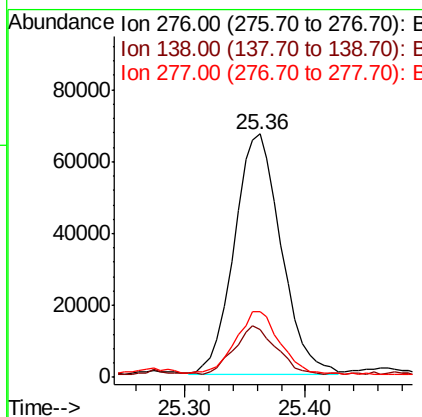
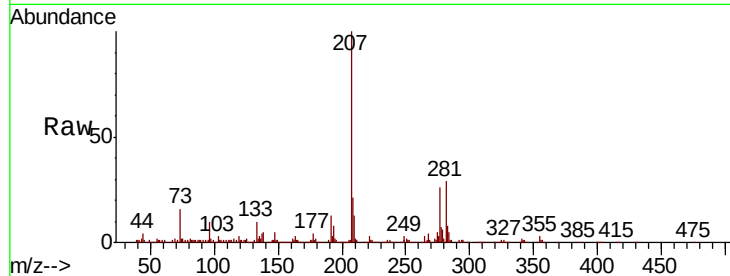
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.235 ng/ul
RT: 25.36 min Scan# 3821
Delta R.T. -0.01 min
Lab File: BM024015.D
Acq: 06 Dec 2019 14:31

Instrument :
BNA_M
ClientSampleId :
C0BL2

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.5	17.0	25.6
277	27.2	19.8	29.8

Manual Integrations
APPROVED

mohammad
12/9/2019 3:09:08 PM



#94
Benzo(g,h,i)perylene
Concen: 1.354 ng/ul
RT: 26.01 min Scan# 3931
Delta R.T. -0.01 min
Lab File: BM024015.D
Acq: 06 Dec 2019 14:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	14.9	22.3
277	24.8	19.1	28.7

