

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
 Data File : BM025588.D
 Acq On : 16 Mar 2020 19:56
 Operator : CG/JU
 Sample : L1921-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0AG6

Manual Integrations
 APPROVED

mohammad
 3/17/2020 3:10:18 PM

Quant Time: Mar 17 01:44:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 17 01:28:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	9877	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	41921	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	25613	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	53327	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	55261	20.00	ng/ul	0.00
86) Perylene-d12	23.38	264	65753	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	13583	57.70	ng/uL	0.00
5) Phenol-d5	6.82	99	266833	342.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	166108	373.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	227080	358.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	216342	337.77	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	114439	367.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	119557	360.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	225511	332.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	301278	383.03	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	751786	386.21	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	878690	376.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	113659	306.67	ng/ul	0.00
58) Fluorene-d10	15.26	176	648933	379.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	94240	289.65	ng/ul	0.00
71) Anthracene-d10	17.11	188	990820	397.79	ng/ul	0.00
79) Pyrene-d10	19.41	212	1156290	435.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	1415614	420.51	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.79	77	16665	40.364	ng/ul	93
6) Phenol	6.84	94	10000	12.285	ng/ul#	87
14) Acetophenone	8.46	105	13552	13.717	ng/ul	88
45) Dimethylphthalate	13.73	163	307165	151.589	ng/ul	99
70) Phenanthrene	17.05	178	4670	1.488	ng/ul	95
76) Di-n-butylphthalate	18.00	149	4943	1.514	ng/ul#	94
77) Fluoranthene	19.07	202	18433	4.982	ng/ul#	90
80) Pyrene	19.43	202	24005	6.468	ng/ul#	93
83) Benzo(a)anthracene	21.19	228	12425m	3.410	ng/ul	
85) Chrysene	21.24	228	17024	4.763	ng/ul	97
88) Benzo(b)fluoranthene	22.73	252	30801	7.508	ng/ul#	96
89) Benzo(k)fluoranthene	22.77	252	10595m	2.622	ng/ul	
91) Benzo(a)pyrene	23.29	252	21202	5.679	ng/ul#	81
92) Indeno(1,2,3-cd)pyrene	25.53	276	19264	3.907	ng/ul	97
94) Benzo(g,h,i)perylene	26.19	276	18161	4.469	ng/ul	96

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

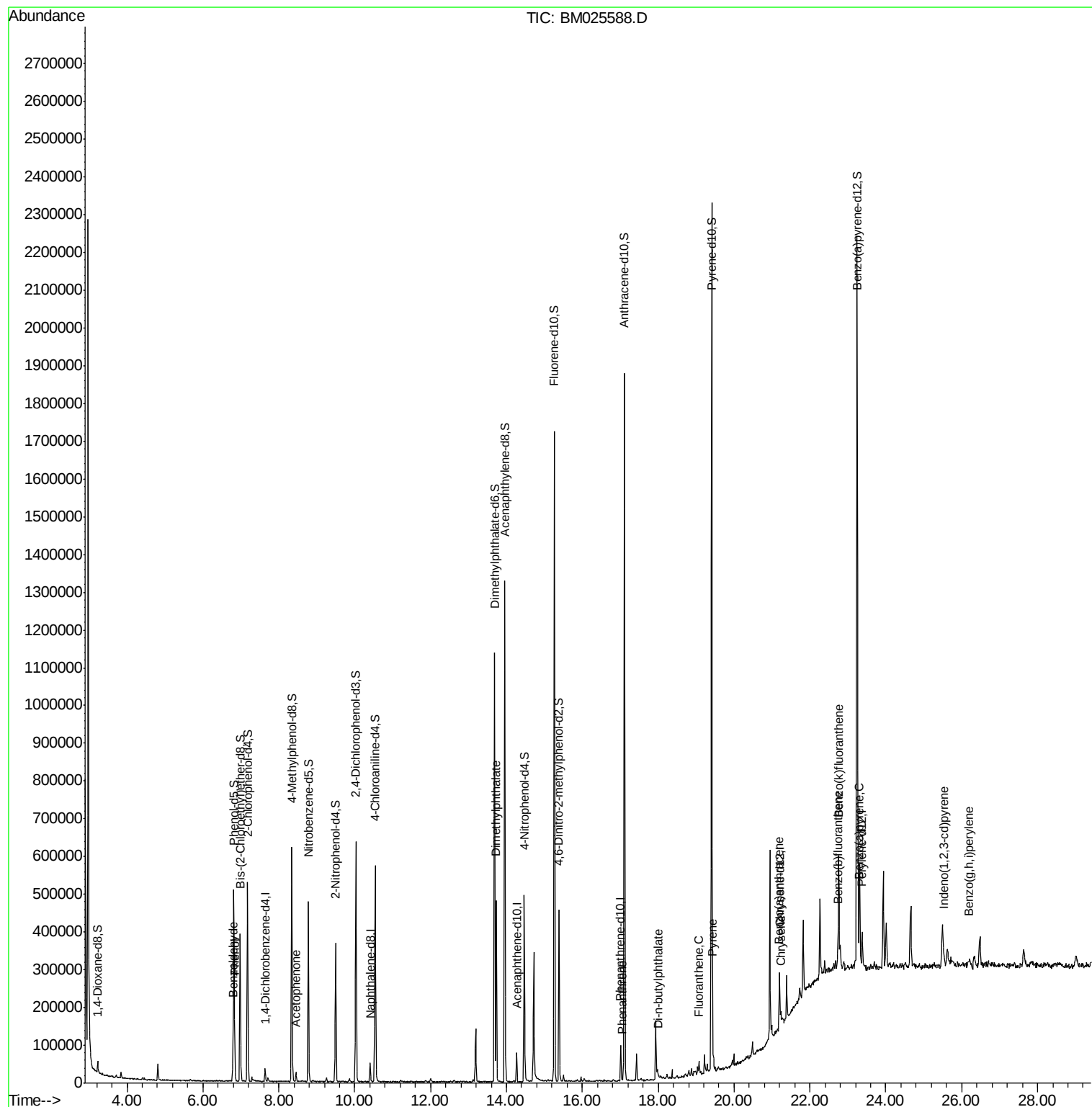
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025588.D
Acq On : 16 Mar 2020 19:56
Operator : CG/JU
Sample : L1921-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

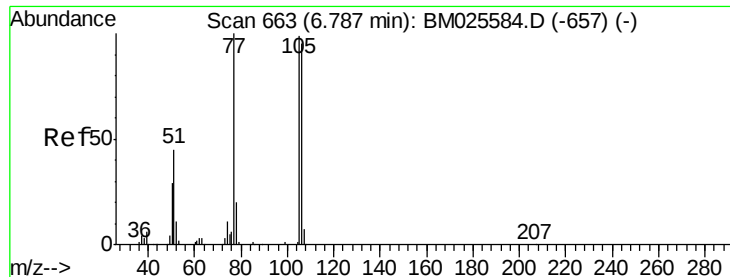
Instrument :
BNA_M
ClientSampleId :
B0AG6

Quant Time: Mar 17 01:44:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 17 01:28:03 2020
Response via : Initial Calibration

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#4

Benzaldehyde

Concen: 40.364 ng/ul

RT: 6.79 min Scan# 664

Delta R.T. 0.01 min

Lab File: BM025588.D

Acq: 16 Mar 2020 19:56

Instrument :

BNA_M

ClientSampled :

B0AG6

Tot Ion: 77 Resp: 16665

Ion Ratio Lower Upper

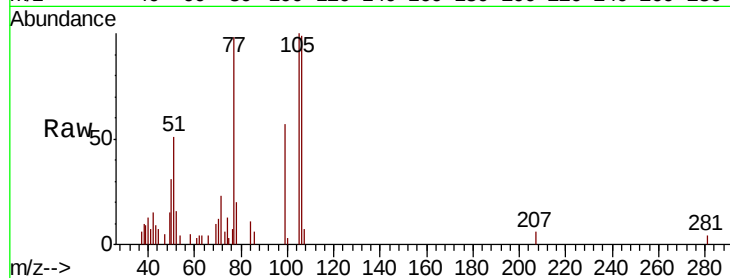
77 100

105 101.8 75.4 113.0

106 100.3 75.4 113.2

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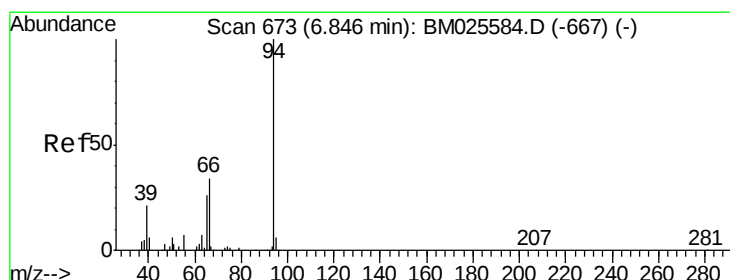
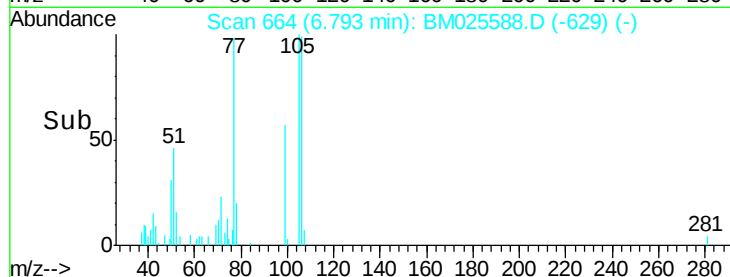
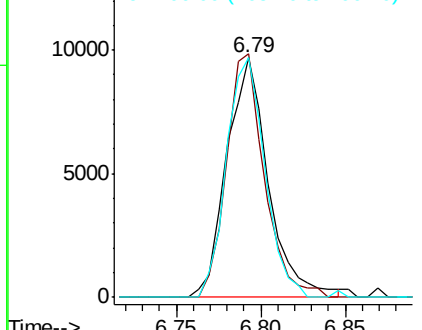
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Abundance Ion 77.00 (76.70 to 77.70): BM025588.D (-629) (-)

Ion 105.00 (104.70 to 105.70): BM025588.D (-629) (-)

Ion 106.00 (105.70 to 106.70): BM025588.D (-629) (-)



#6

Phenol

Concen: 12.285 ng/ul

RT: 6.84 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM025588.D

Acq: 16 Mar 2020 19:56

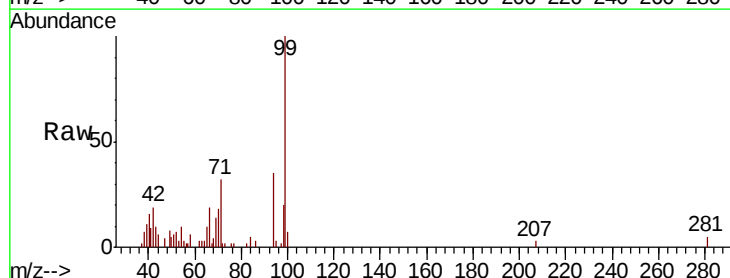
Tgt Ion: 94 Resp: 10000

Ion Ratio Lower Upper

94 100

65 29.9 23.8 35.6

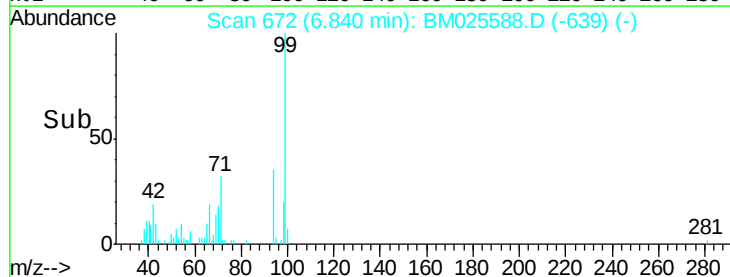
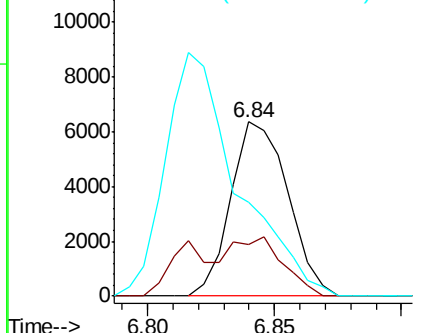
66 54.0 32.4 48.6#

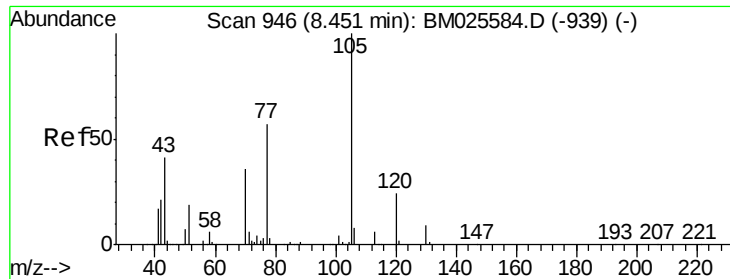


Abundance Ion 94.00 (93.70 to 94.70): BM025588.D (-639) (-)

Ion 65.00 (64.70 to 65.70): BM025588.D (-639) (-)

Ion 66.00 (65.70 to 66.70): BM025588.D (-639) (-)





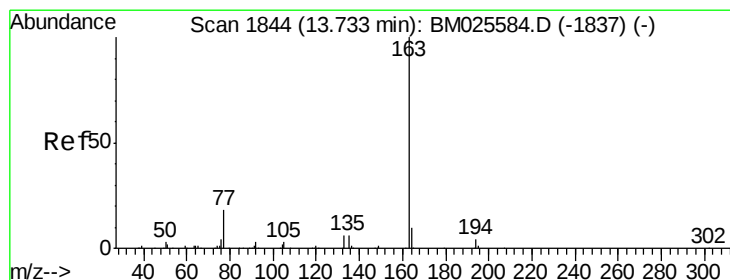
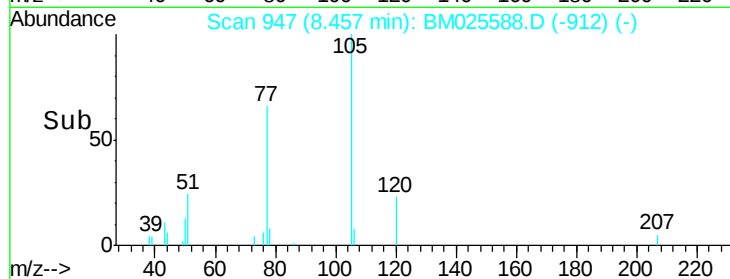
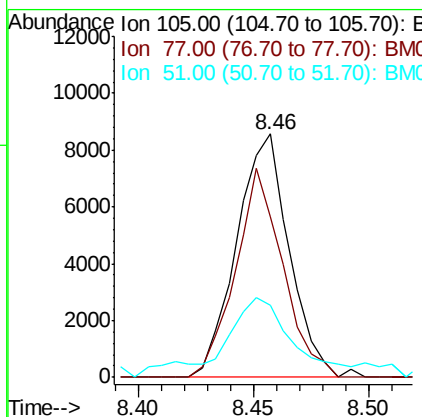
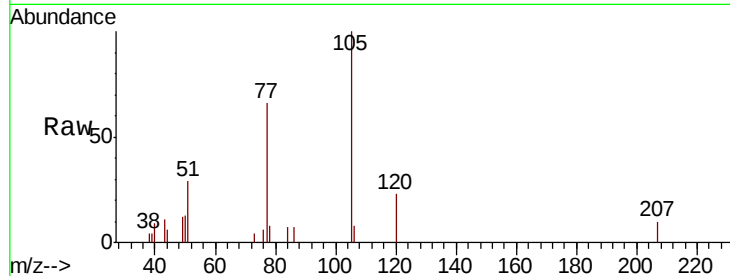
#14
Acetophenone
Concen: 13.717 ng/ul
RT: 8.46 min Scan# 947
Delta R.T. 0.01 min
Lab File: BM025588.D
Acq: 16 Mar 2020 19:56

Instrument :
BNA_M
ClientSampleId :
B0AG6

Tot Ion	Ratio	Resp	Lower	Upper
105	100	13552		
77	65.9		63.2	94.8
51	29.4		21.8	32.6

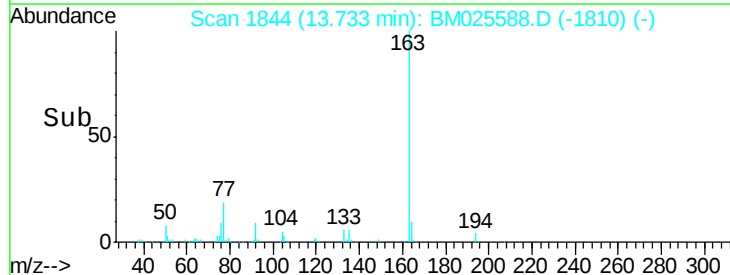
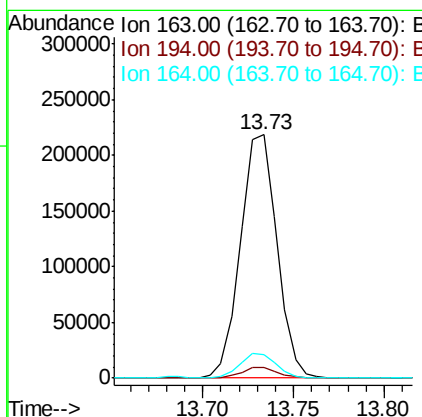
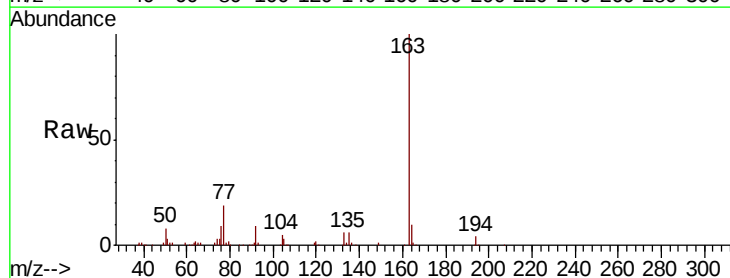
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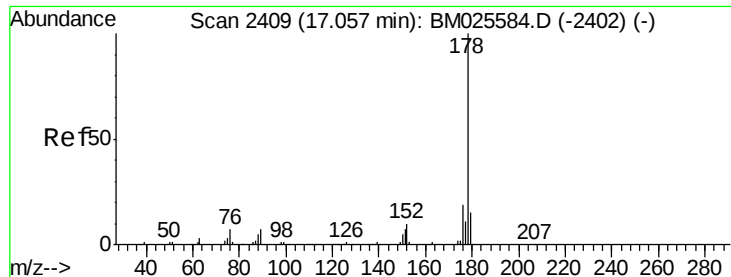
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#45
Dimethylphthalate
Concen: 151.589 ng/ul
RT: 13.73 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BM025588.D
Acq: 16 Mar 2020 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	307165		
194	4.3		3.5	5.3
164	9.7		8.2	12.4





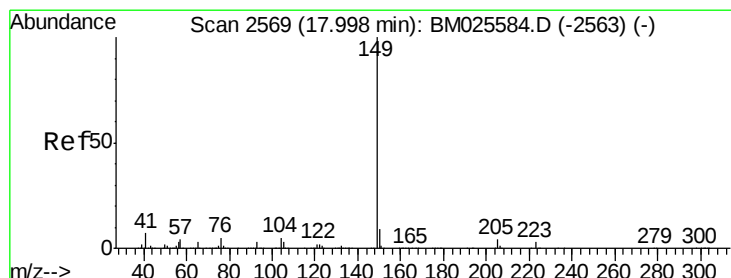
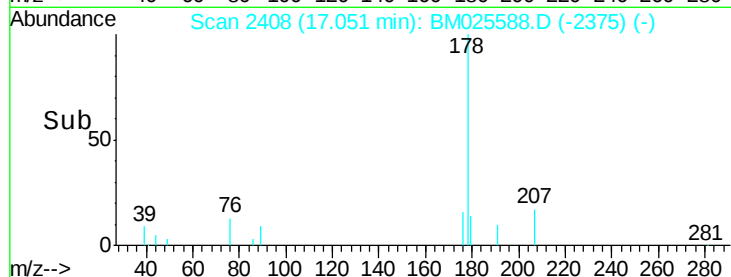
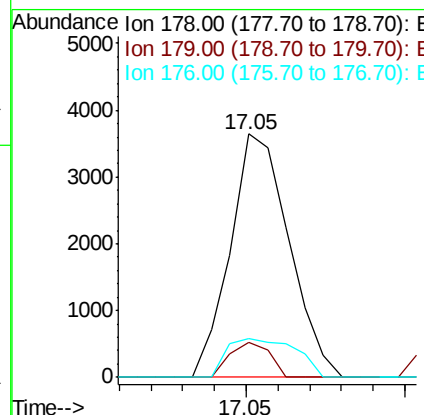
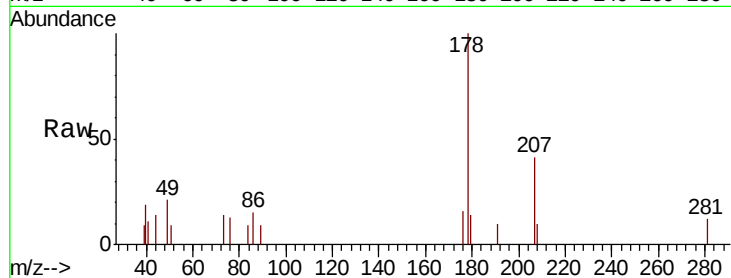
#70
Phenanthrene
Concen: 1.488 ng/ul
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM025588.D
Acq: 16 Mar 2020 19:56

Instrument :
BNA_M
ClientSampleId :
B0AG6

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.2	18.4
176	15.8	15.3	22.9

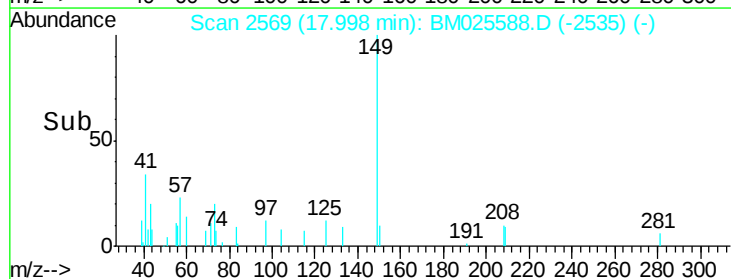
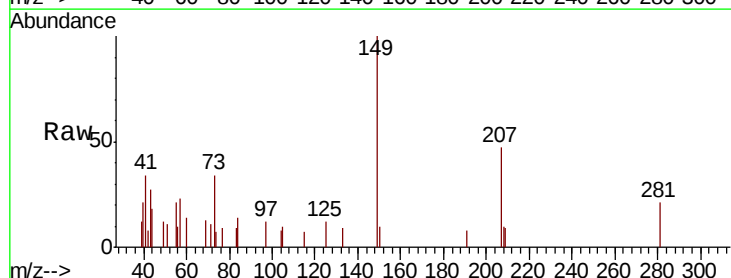
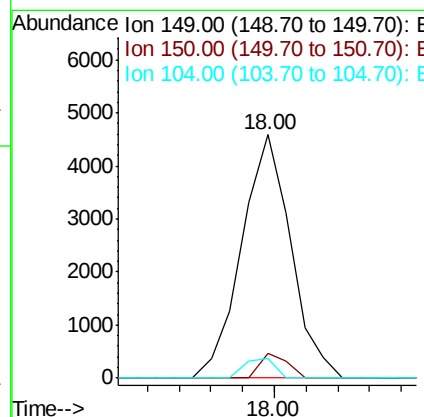
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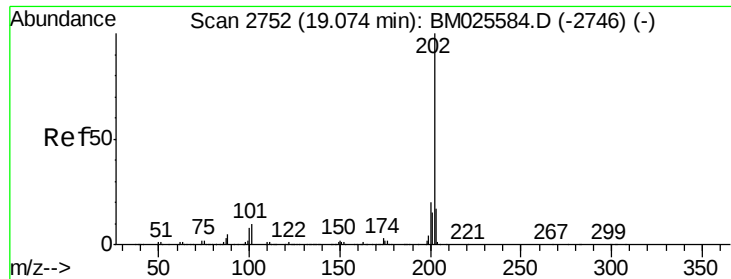
mohammad
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#76
Di-n-butylphthalate
Concen: 1.514 ng/ul
RT: 18.00 min Scan# 2569
Delta R.T. 0.00 min
Lab File: BM025588.D
Acq: 16 Mar 2020 19:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.0	10.6
104	7.8	3.8	5.8





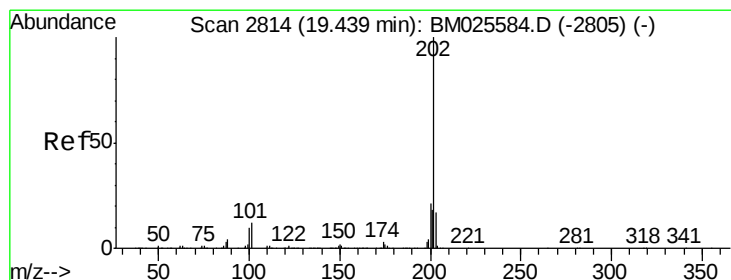
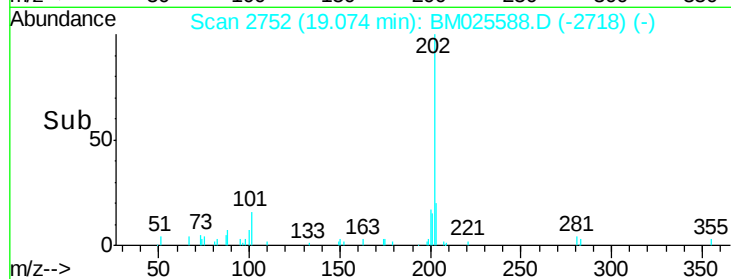
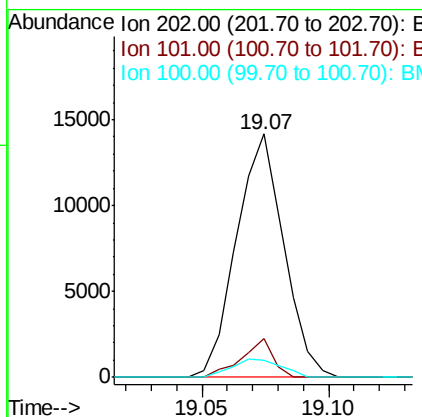
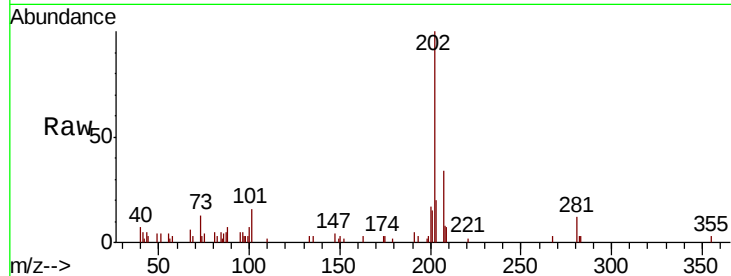
#77
Fluoranthene
 Concen: 4.982 ng/ul
 RT: 19.07 min Scan# 2752
 Delta R.T. 0.00 min
 Lab File: BM025588.D
 Acq: 16 Mar 2020 19:56

Instrument :
 BNA_M
 ClientSampleId :
 B0AG6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.1	8.2	12.4#
100	6.9	6.5	9.7

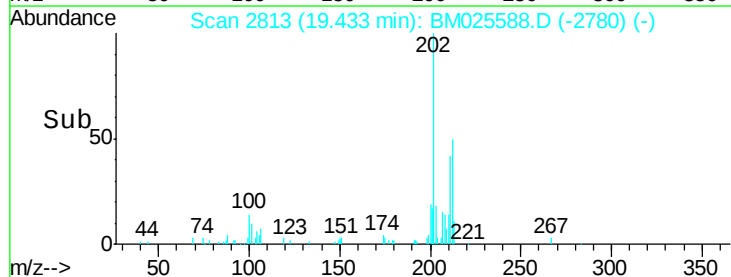
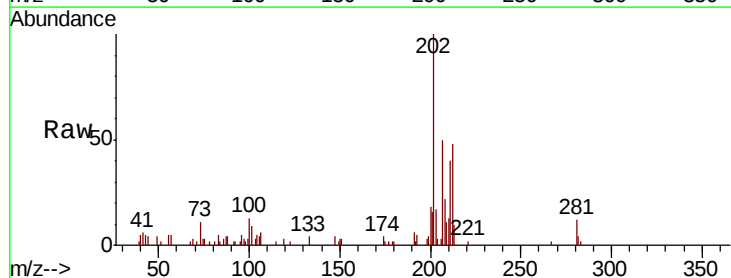
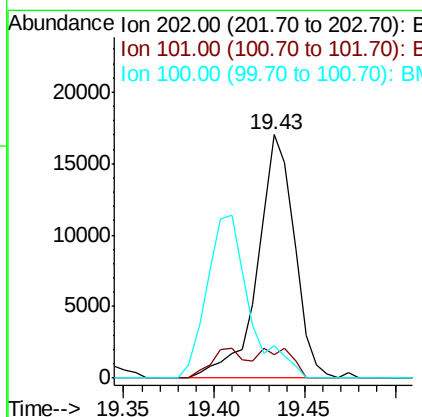
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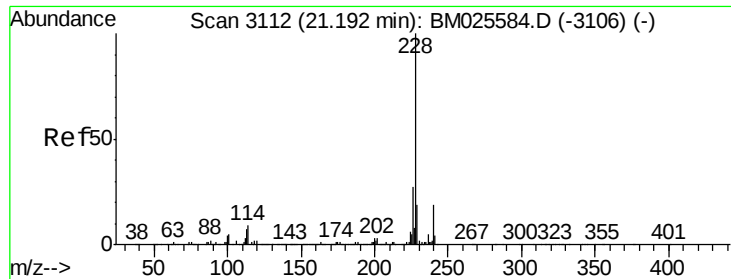
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#80
Pyrene
 Concen: 6.468 ng/ul
 RT: 19.43 min Scan# 2813
 Delta R.T. -0.01 min
 Lab File: BM025588.D
 Acq: 16 Mar 2020 19:56

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.4	8.9	13.3
100	13.4	7.5	11.3#





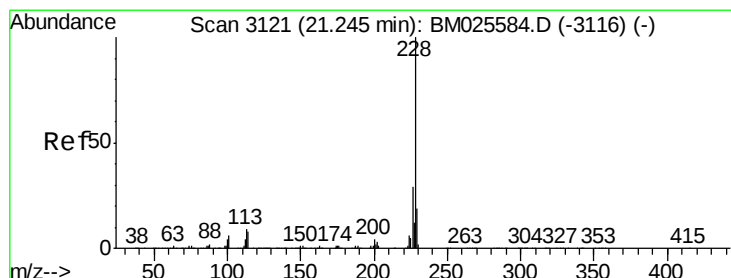
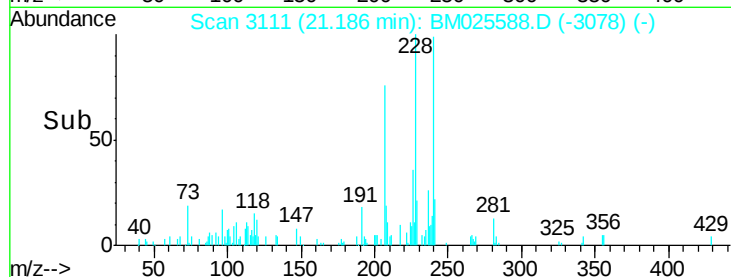
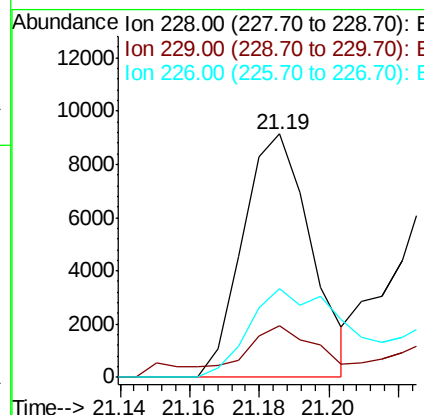
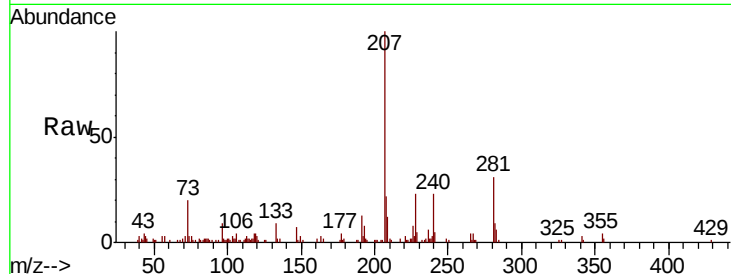
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Benzo(a)anthracene
Concen: 3.410 ng/ul m
RT: 21.19 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BM025588.D
Acq: 16 Mar 2020 19:56

Instrument :
BNA_M
ClientSampleId :
B0AG6

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.5	23.3
226	36.4	21.0	31.6

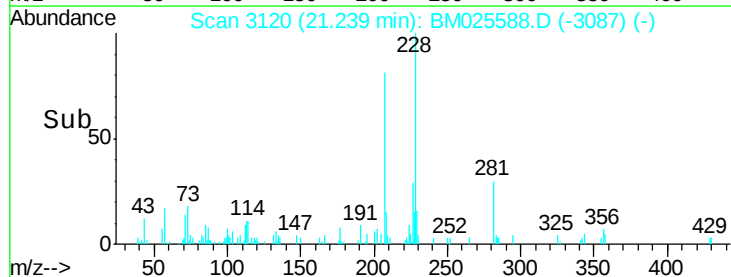
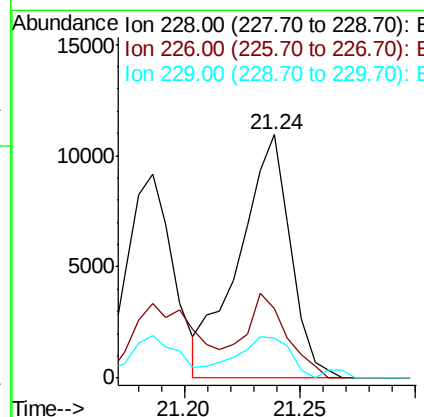
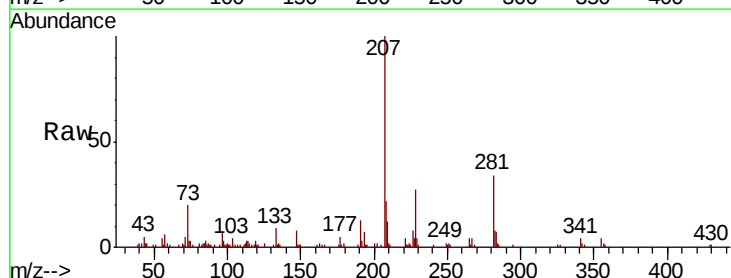
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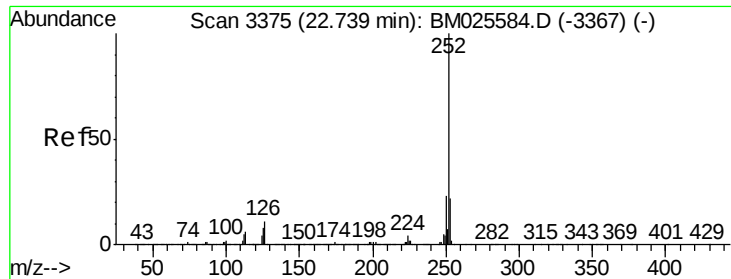
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#85
Chrysene
Concen: 4.763 ng/ul
RT: 21.24 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BM025588.D
Acq: 16 Mar 2020 19:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.0
229	16.4	15.6	23.4





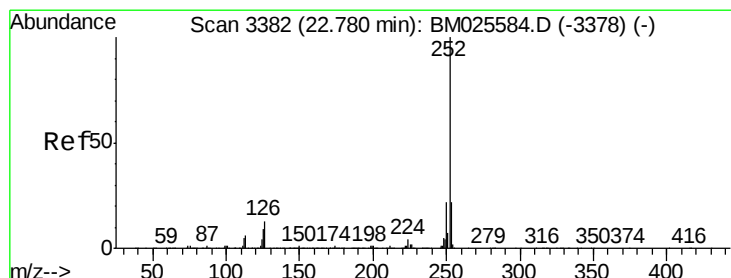
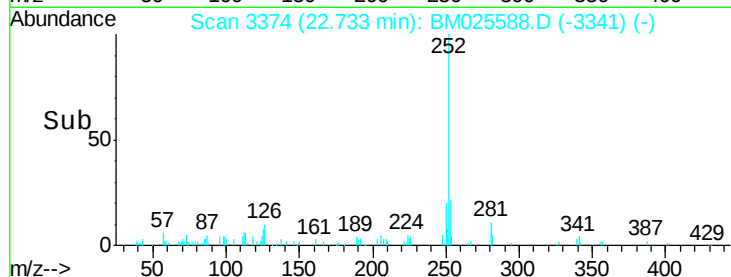
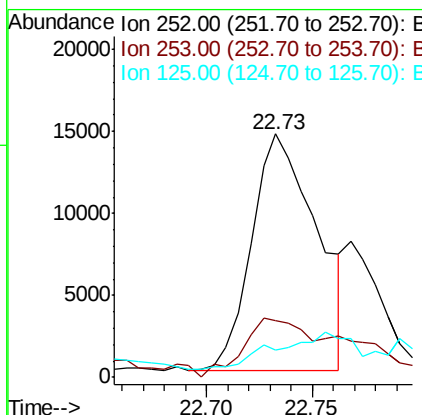
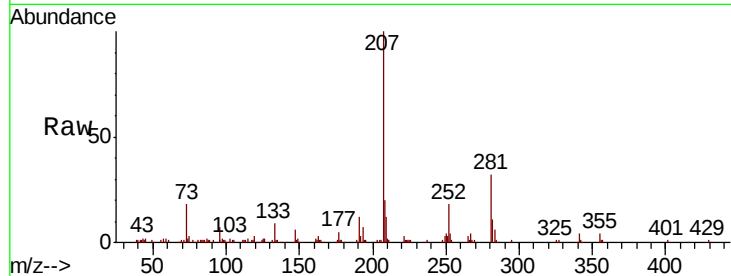
#88
Benzo(b)fluoranthene
Concen: 7.508 ng/ul
RT: 22.73 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BM025588.D
Acq: 16 Mar 2020 19:56

Instrument :
BNA_M
ClientSampleId :
B0AG6

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	17.5	26.3
125	11.2	6.7	10.1

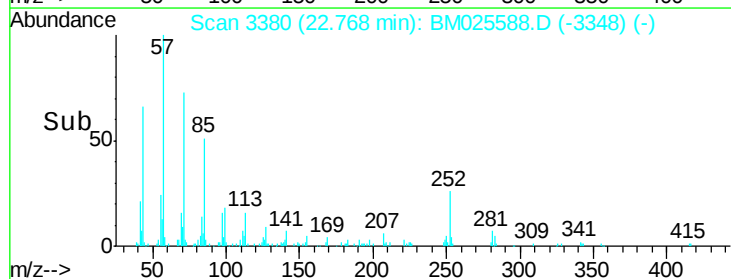
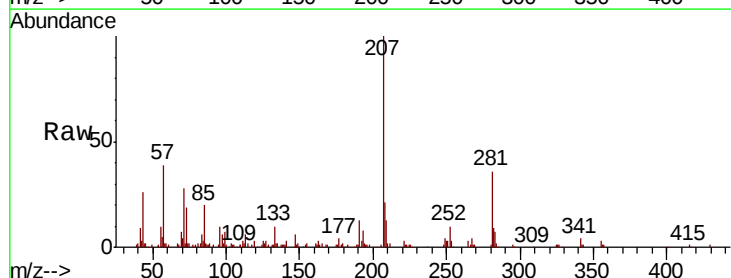
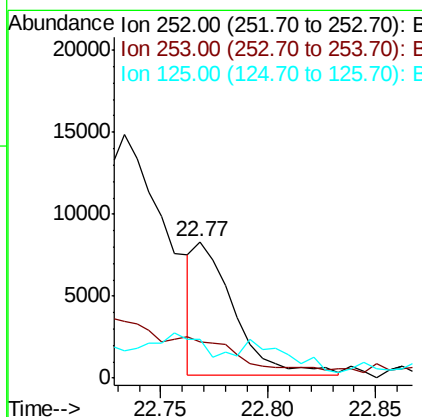
Manual Integrations
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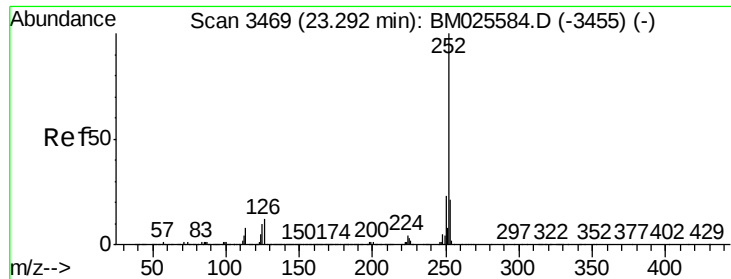
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#89
Benzo(k)fluoranthene
Concen: 2.622 ng/ul m
RT: 22.77 min Scan# 3380
Delta R.T. -0.01 min
Lab File: BM025588.D
Acq: 16 Mar 2020 19:56

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	26.7	17.7	26.5
125	28.2	6.9	10.3





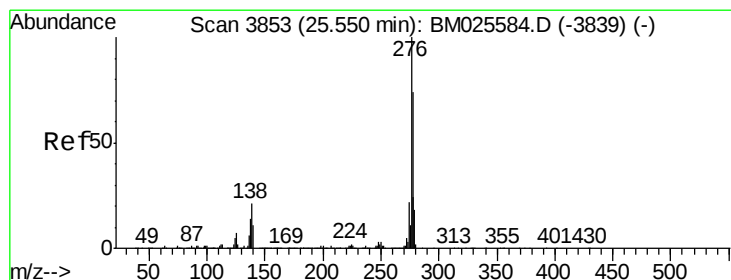
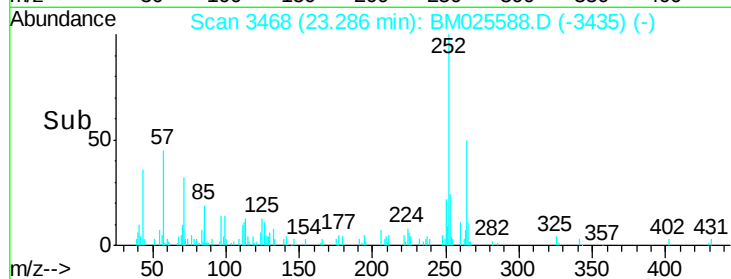
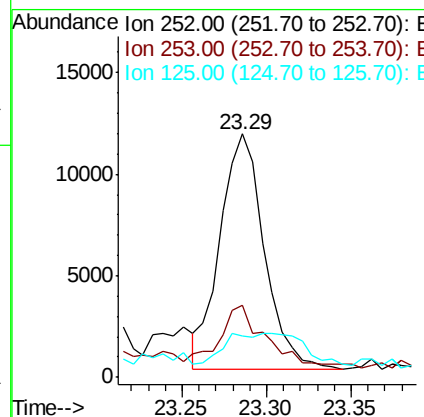
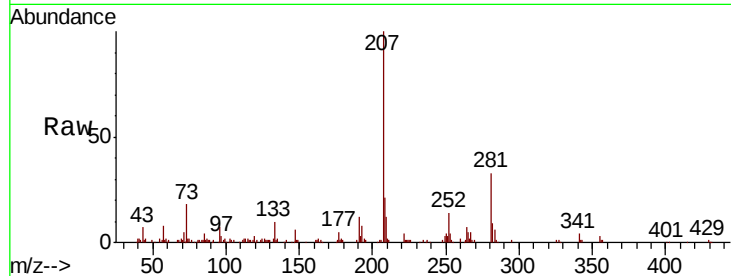
#91
Benzo(a)pyrene
Concen: 5.679 ng/ul
RT: 23.29 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM025588.D
Acq: 16 Mar 2020 19:56

Instrument :
BNA_M
ClientSampleId :
B0AG6

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.8	17.0	25.6#
125	17.0	7.1	10.7#

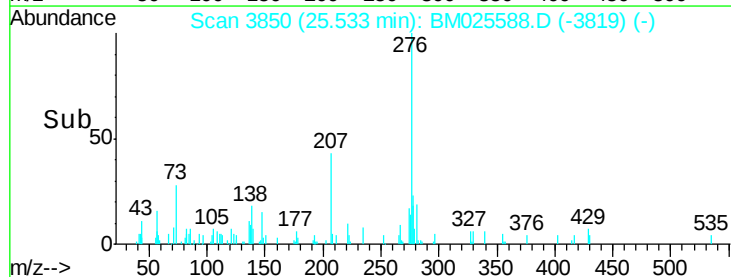
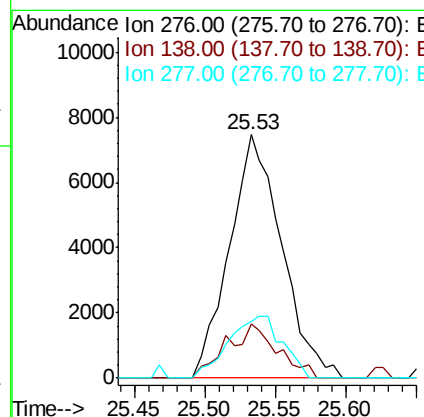
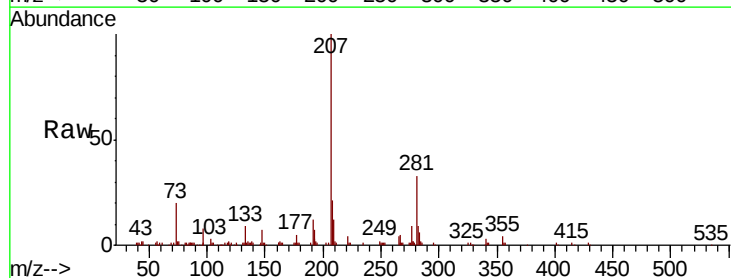
Manual Integrations
APPROVED

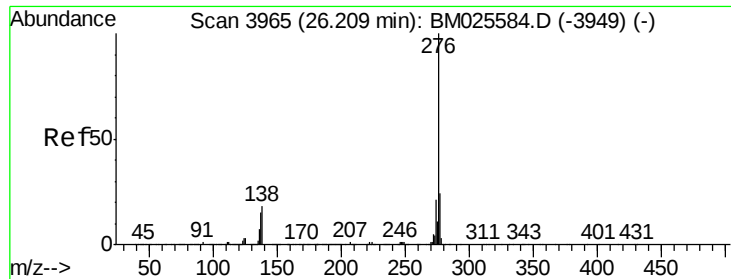
mohammad
3/17/2020 3:10:18 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 3.907 ng/ul
RT: 25.53 min Scan# 3850
Delta R.T. -0.02 min
Lab File: BM025588.D
Acq: 16 Mar 2020 19:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	16.5	24.7
277	23.1	19.7	29.5





#94

Benzo(a,h,i)perylene

Concen: 4.469 ng/ul

RT: 26.19 min Scan# 3961

Delta R.T. -0.02 min

Lab File: BM025588.D

Acq: 16 Mar 2020 19:56

Instrument :

BNA_M

ClientSampleId :

B0AG6

Tot Ion:	276	Resp:	18161
Ion Ratio	Lower	Upper	
276	100		
138	15.0	13.2	19.8
277	21.7	19.0	28.4

Manual Integrations
APPROVED

mohammad
3/17/2020 3:10:18 PM

