

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
 Data File : BM024586.D
 Acq On : 22 Jan 2020 17:46
 Operator : JU
 Sample : L1118-11DL2 20X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 GASK2DL2

Manual Integrations
 APPROVED

mohammad
 1/23/2020 1:52:41 PM

Quant Time: Jan 22 18:20:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 22 15:40:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	206073	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	902588	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	609018	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	1325506	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1351330	20.00	ng/ul	0.00
86) Perylene-d12	23.18	264	1339670	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.65	99	11398	0.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	7691	0.91	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	11207	0.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	9834	0.70	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	6694	1.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	5511	0.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	12252	0.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	13356	0.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	42686	0.89	ng/ul	0.00
47) Acenaphthylene-d8	13.78	160	53258	0.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	2449	0.31	ng/ul	0.01
58) Fluorene-d10	15.10	176	40620	0.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	3452	0.46	ng/ul	0.00
71) Anthracene-d10	16.94	188	78381m	1.27	ng/ul	0.00
79) Pyrene-d10	19.25	212	75718	1.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	69169	1.00	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.26	128	1923584	41.600	ng/ul	100
34) 2-Methylnaphthalene	11.89	142	561847	15.659	ng/ul	98
41) 1,1'-Biphenyl	12.92	154	50057	1.132	ng/ul	98
48) Acenaphthylene	13.82	152	475859	8.482	ng/ul	98
54) Dibenzofuran	14.50	168	64846	1.166	ng/ul	100
59) Fluorene	15.16	166	116629	2.480	ng/ul	98
70) Phenanthrene	16.89	178	500705	7.004	ng/ul	98
72) Anthracene	16.98	178	192499	2.641	ng/ul	97
77) Fluoranthene	18.92	202	210838m	2.413	ng/ul	
80) Pyrene	19.28	202	327940	3.545	ng/ul	98
83) Benzo(a)anthracene	21.04	228	108612	1.180	ng/ul#	45
85) Chrysene	21.07	228	329187	3.711	ng/ul	94
88) Benzo(b)fluoranthene	22.56	252	173106m	1.955	ng/ul	
91) Benzo(a)pyrene	23.09	252	489042	6.355	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.24	276	507424	6.302	ng/ul	99
93) Dibenzo(a,h)anthracene	25.24	278	102372	1.498	ng/ul#	87
94) Benzo(g,h,i)perylene	25.87	276	405909	6.344	ng/ul	99

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

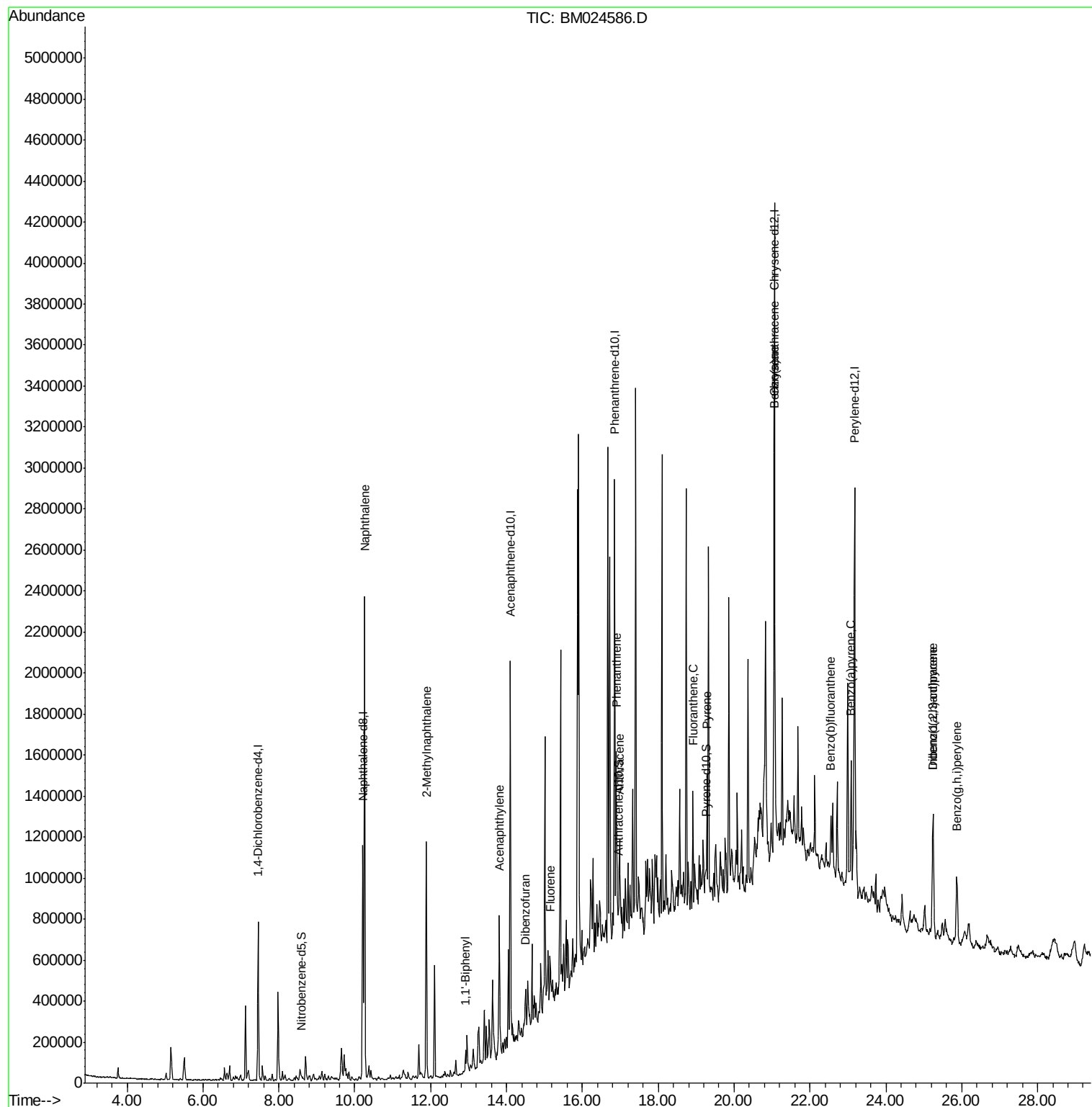
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

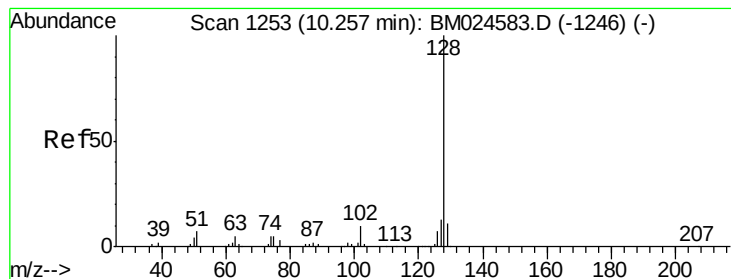
Instrument :
BNA_M
ClientSampleId :
GASK2DL2

Manual Integrations
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Quant Time: Jan 22 18:20:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:40:34 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 41.600 ng/ul

RT: 10.26 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BM024586.D

Acq: 22 Jan 2020 17:46

Instrument :

BNA_M

ClientSampleId :

GASK2DL2

Tot Ion:128 Resp: 1923584

Ion Ratio Lower Upper

128 100

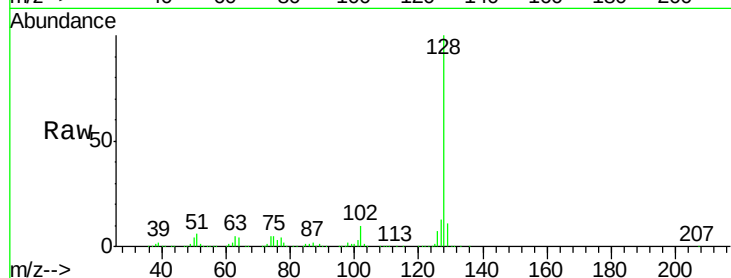
129 10.9 8.8 13.2

127 12.8 10.4 15.6

Manual Integrations
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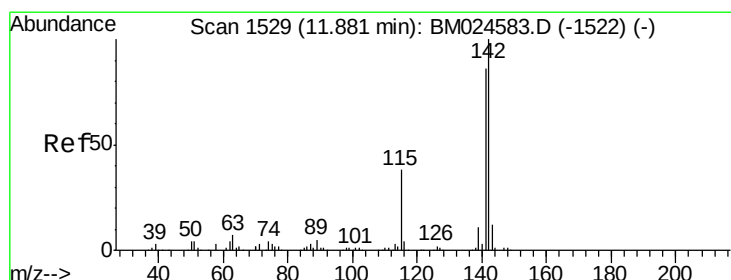
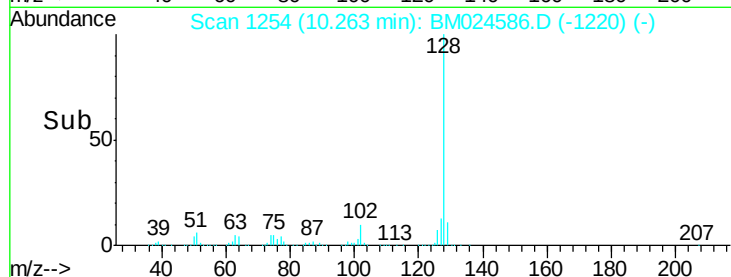
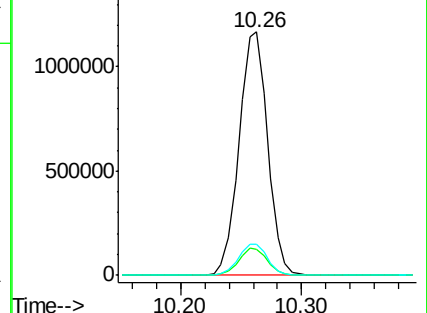
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 15.659 ng/ul

RT: 11.89 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BM024586.D

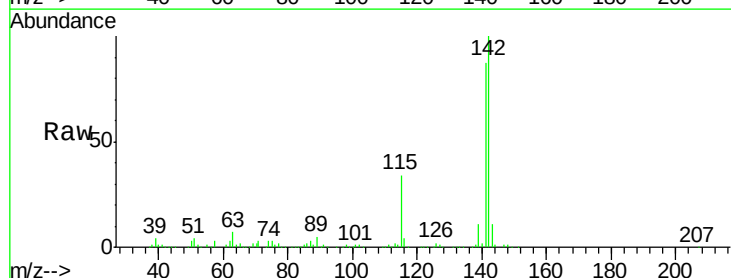
Acq: 22 Jan 2020 17:46

Tgt Ion:142 Resp: 561847

Ion Ratio Lower Upper

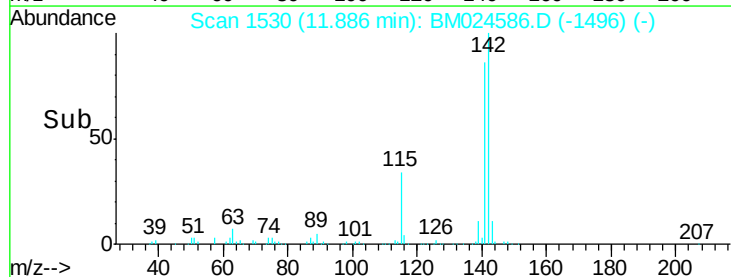
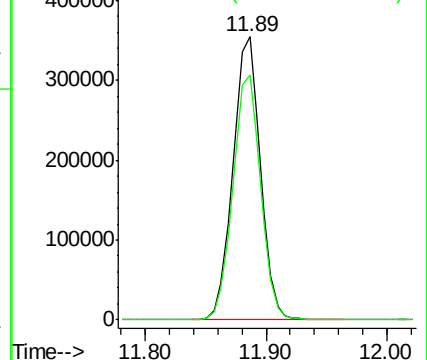
142 100

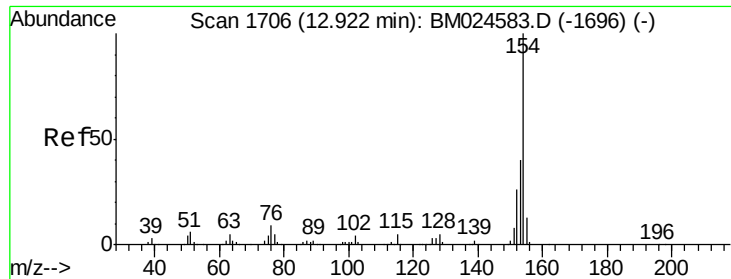
141 86.6 70.4 105.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





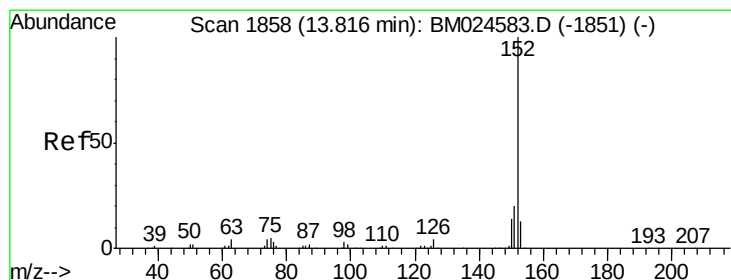
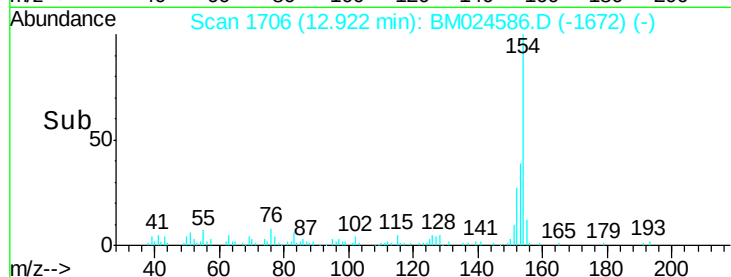
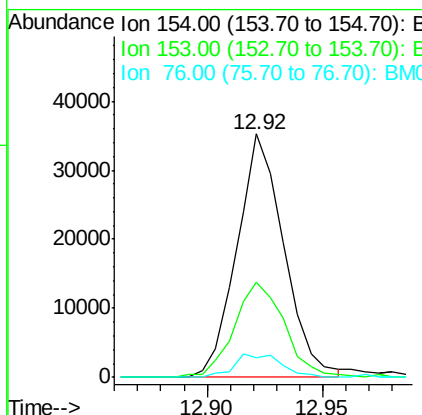
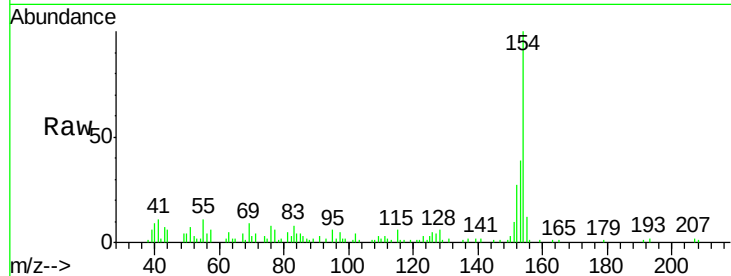
#41
1,1'-Biphenyl
Concen: 1.132 ng/ul
RT: 12.92 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BM024586.D
Acq: 22 Jan 2020 17:46

Instrument :
BNA_M
ClientSampleId :
GASK2DL2

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.1	32.3	48.5
76	8.1	7.0	10.6

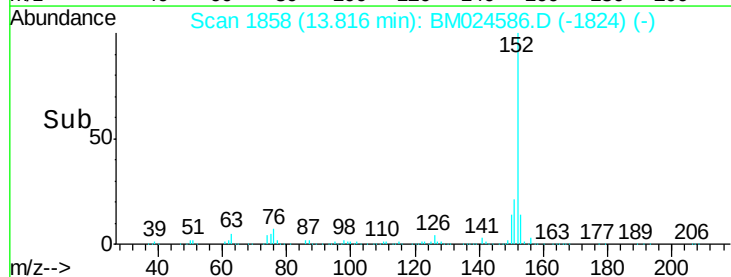
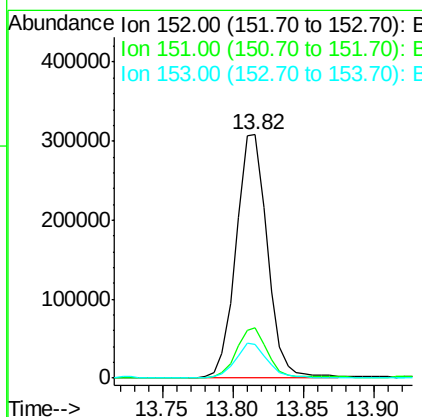
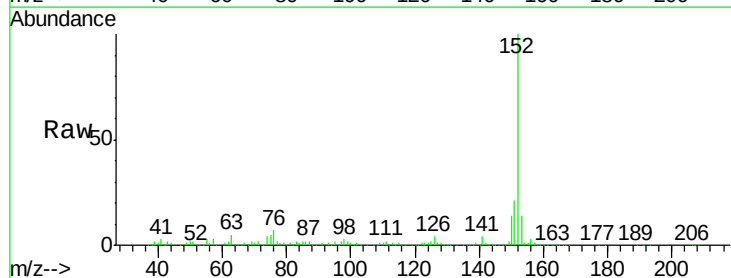
Manual Integrations
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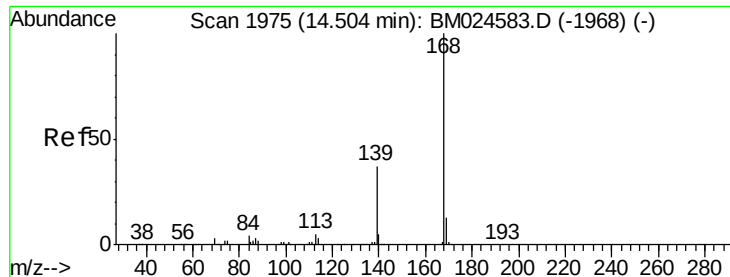
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#48
Acenaphthylene
Concen: 8.482 ng/ul
RT: 13.82 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BM024586.D
Acq: 22 Jan 2020 17:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.9	23.9
153	13.9	10.3	15.5





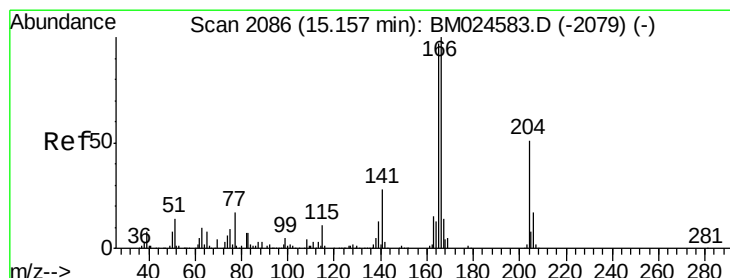
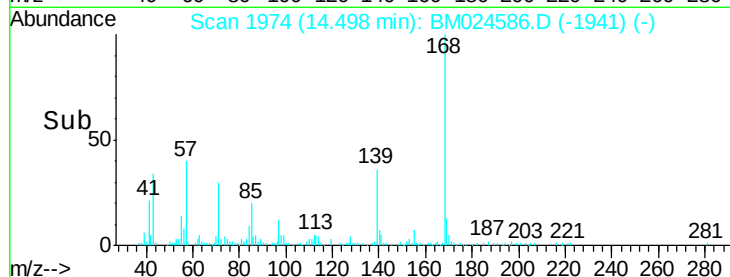
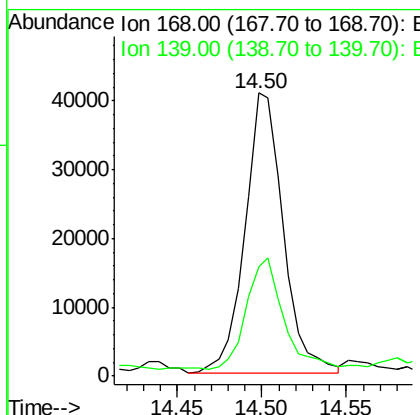
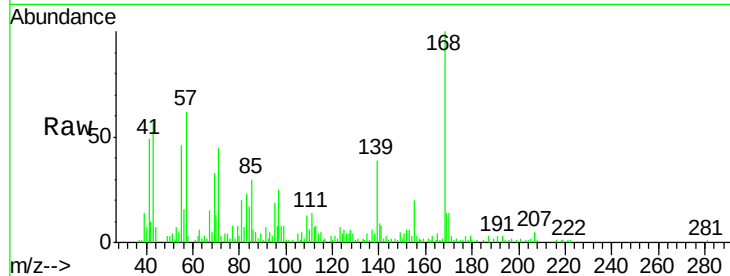
#54
Dibenzenofuran
Concen: 1.166 ng/ul
RT: 14.50 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BM024586.D
Acq: 22 Jan 2020 17:46

Instrument :
BNA_M
ClientSampleId :
GASK2DL2

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.7	46.1

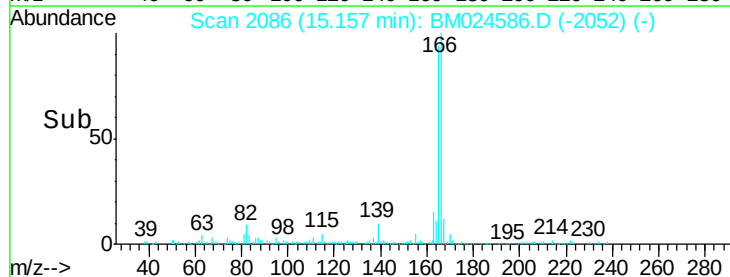
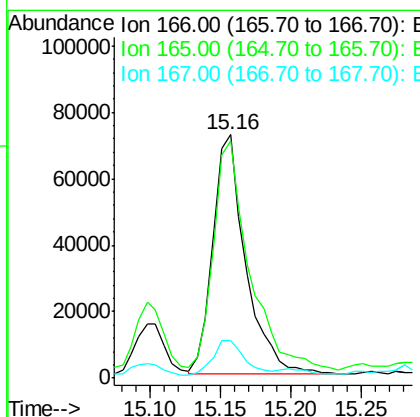
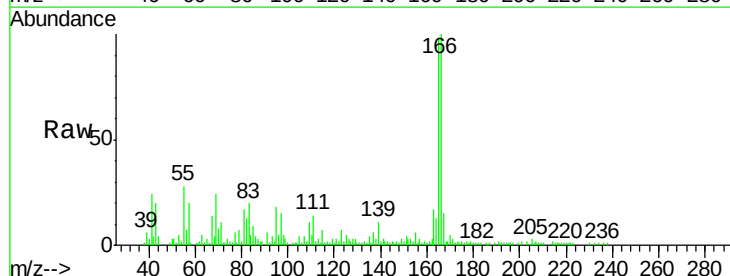
Manual Integrations
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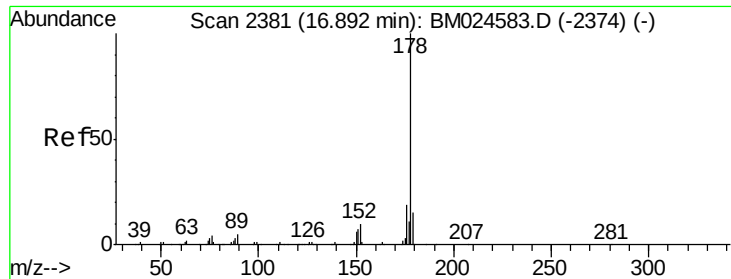
mohammad
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#59
Fluorene
Concen: 2.480 ng/ul
RT: 15.16 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM024586.D
Acq: 22 Jan 2020 17:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.6	119.4
167	15.4	10.8	16.2





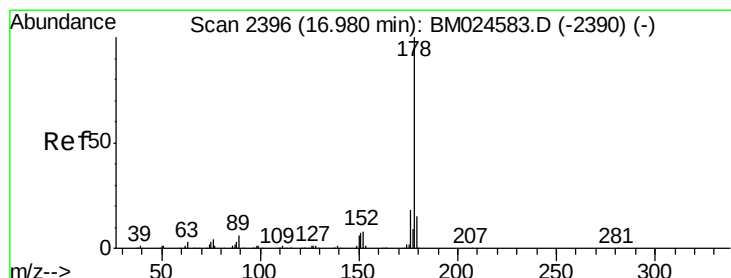
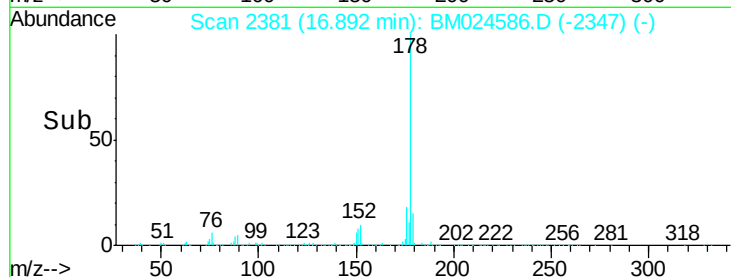
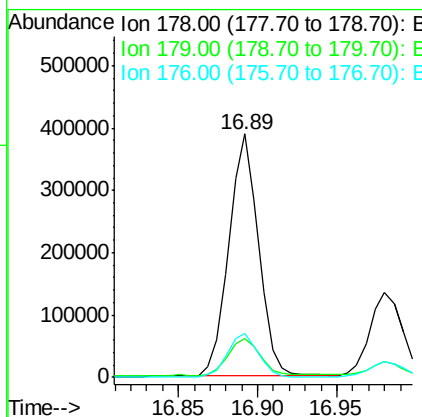
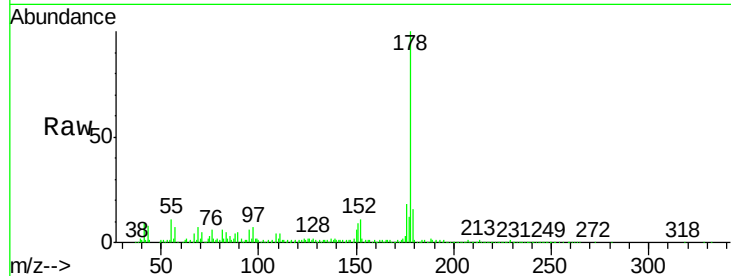
#70
Phenanthrene
Concen: 7.004 ng/ul
RT: 16.89 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BM024586.D
Acq: 22 Jan 2020 17:46

Instrument :
BNA_M
ClientSampleId :
GASK2DL2

Tot Ion:178	Resp:	500705
Ion Ratio	Lower	Upper
178	100	
179	16.2	12.3 18.5
176	18.0	14.9 22.3

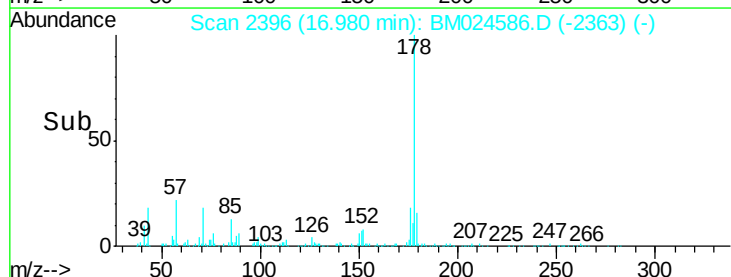
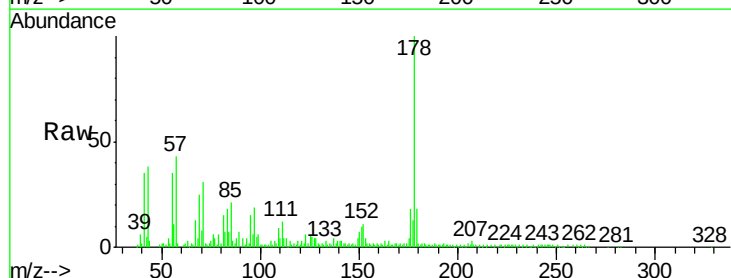
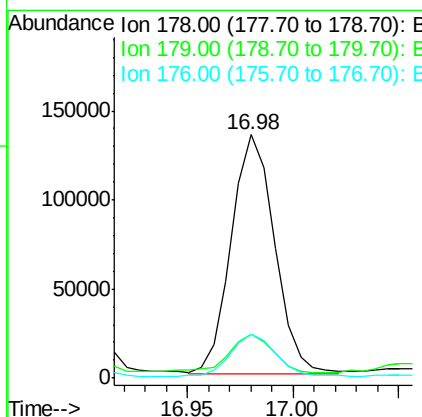
Manual Integrations
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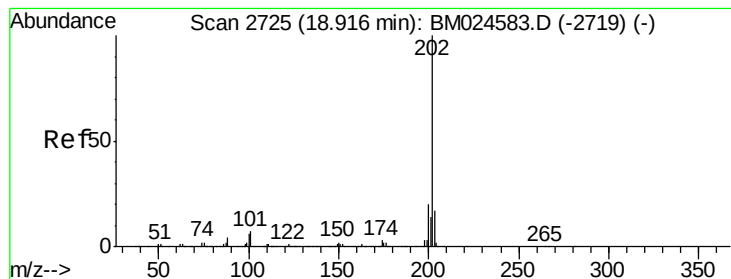
mohammad
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#72
Anthracene
Concen: 2.641 ng/ul
RT: 16.98 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM024586.D
Acq: 22 Jan 2020 17:46

Tgt Ion:178	Resp:	192499
Ion Ratio	Lower	Upper
178	100	
179	18.2	12.3 18.5
176	18.1	14.6 22.0





#77

Fluoranthene

Concen: 2.413 ng/ul m

RT: 18.92 min Scan# 2725

Delta R.T. 0.00 min

Lab File: BM024586.D

Acq: 22 Jan 2020 17:46

Instrument :

BNA_M

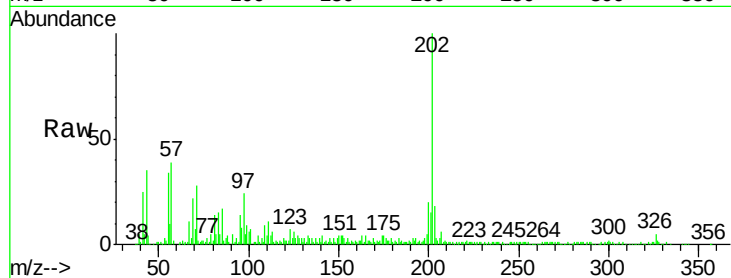
ClientSampleId :

GASK2DL2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		210838		
101	7.4	5.4	8.2		
100	6.5	4.3	6.5#		

Manual Integrations
APPROVED

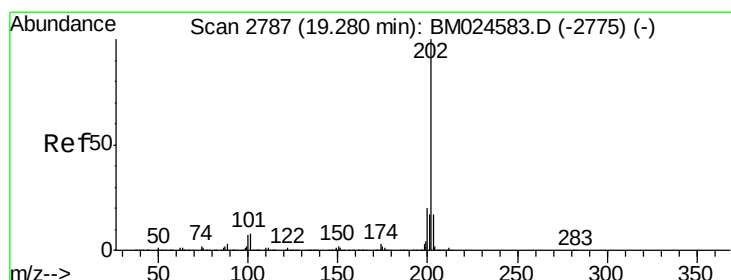
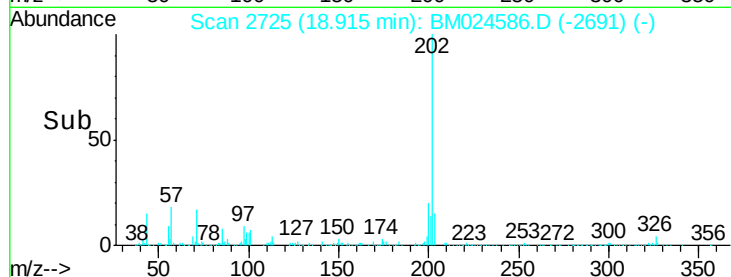
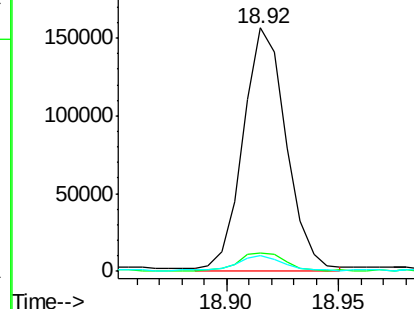
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 3.545 ng/ul

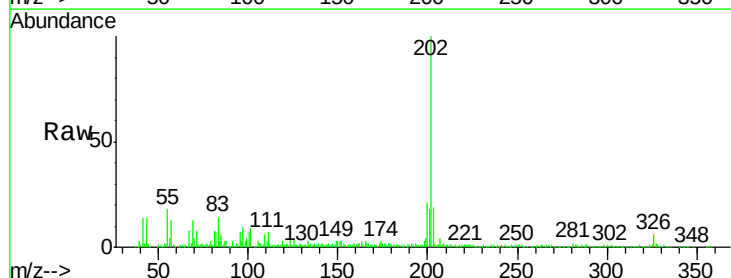
RT: 19.28 min Scan# 2787

Delta R.T. 0.00 min

Lab File: BM024586.D

Acq: 22 Jan 2020 17:46

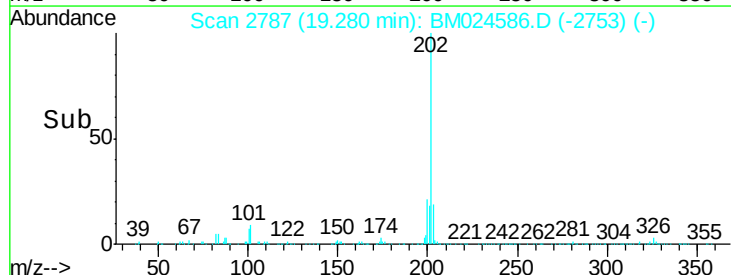
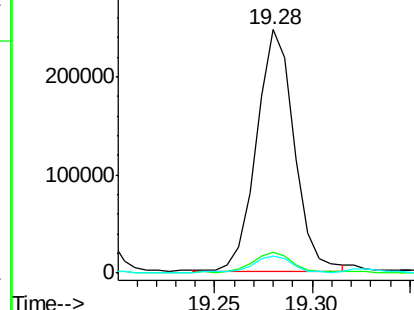
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		327940		
101	8.6	6.5	9.7		
100	6.9	5.0	7.6		

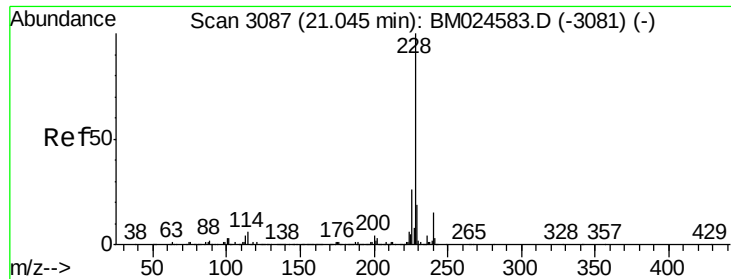


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





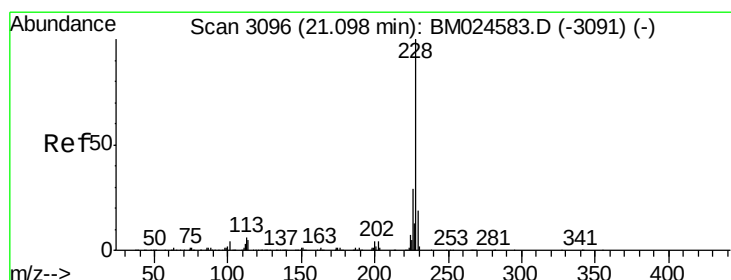
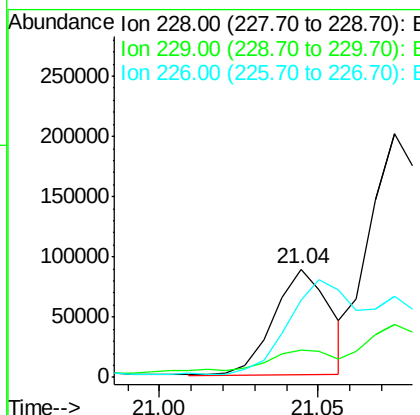
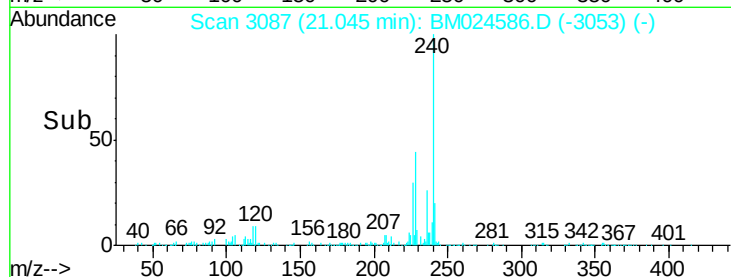
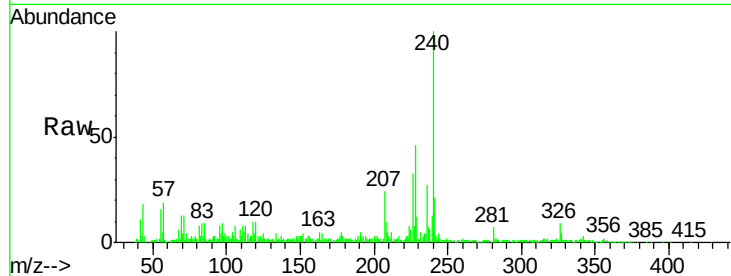
#83
Benzo(a)anthracene
Concen: 1.180 ng/ul
RT: 21.04 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM024586.D
Acq: 22 Jan 2020 17:46

Instrument :
BNA_M
ClientSampled :
GASK2DL2

Tot Ion	Ratio	Lower	Upper
228	100		
229	25.4	15.9	23.9#
226	71.6	21.1	31.7#

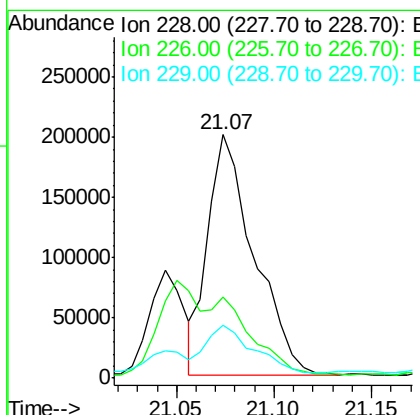
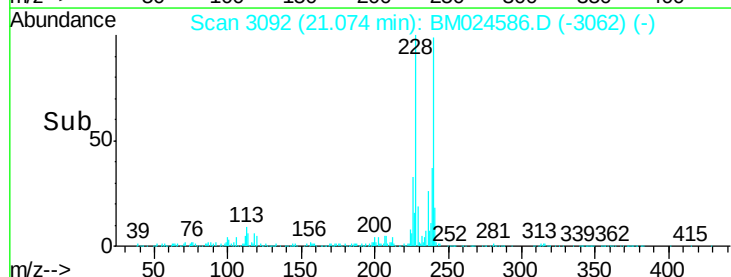
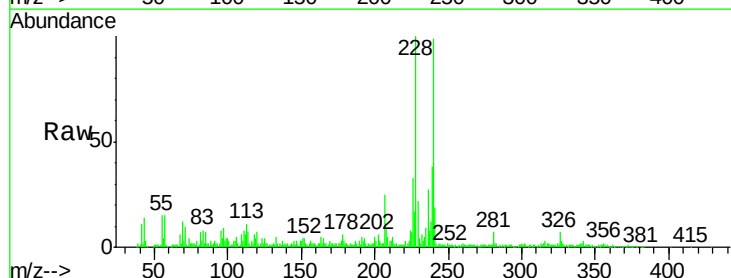
Manual Integrations
APPROVED

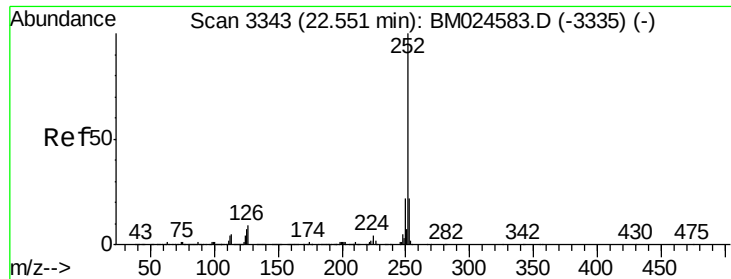
mohammad
1/23/2020 1:52:41 PM



#85
Chrysene
Concen: 3.711 ng/ul
RT: 21.07 min Scan# 3092
Delta R.T. -0.02 min
Lab File: BM024586.D
Acq: 22 Jan 2020 17:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.5	23.4	35.2
229	21.6	16.1	24.1





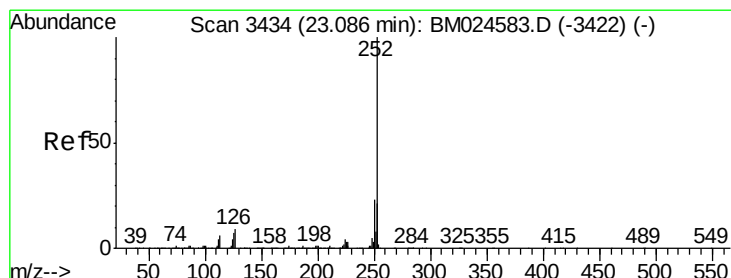
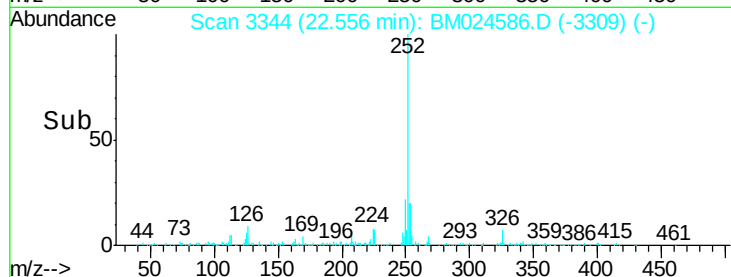
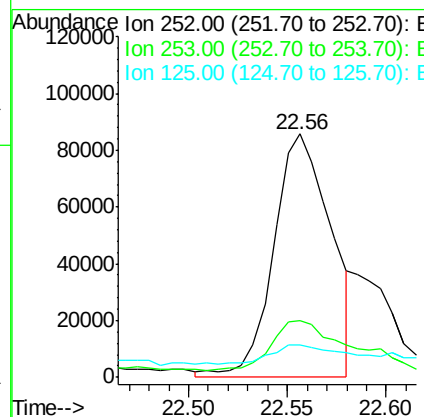
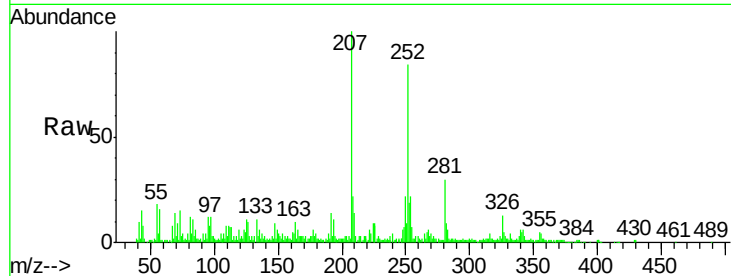
#88
Benzo(b)fluoranthene
Concen: 1.955 ng/ul m
RT: 22.56 min Scan# 3344
Delta R.T. 0.01 min
Lab File: BM024586.D
Acq: 22 Jan 2020 17:46

Instrument :
BNA_M
ClientSampleID :
GASK2DL2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	13.3	5.3	7.9#

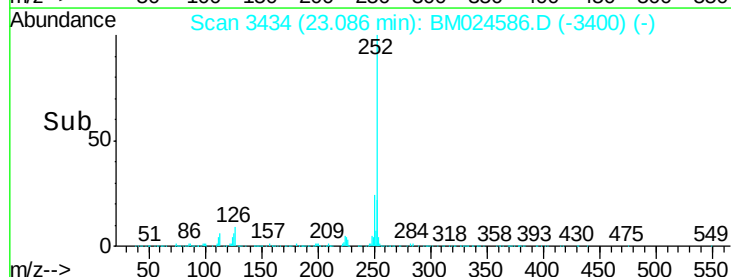
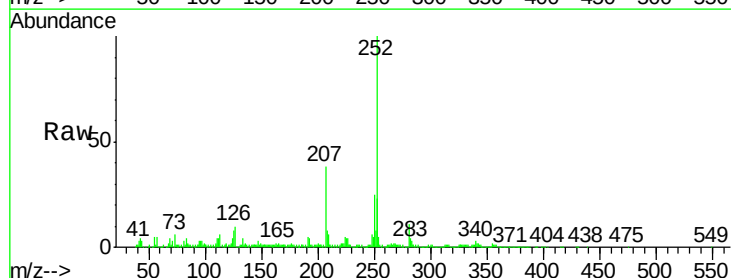
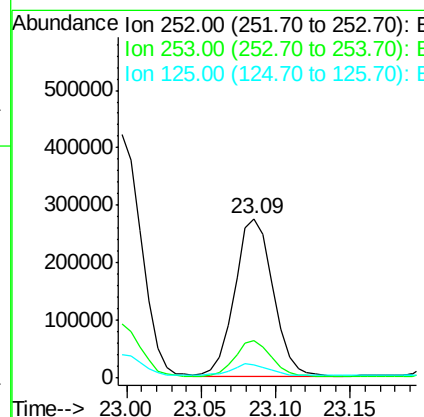
Manual Integrations
APPROVED

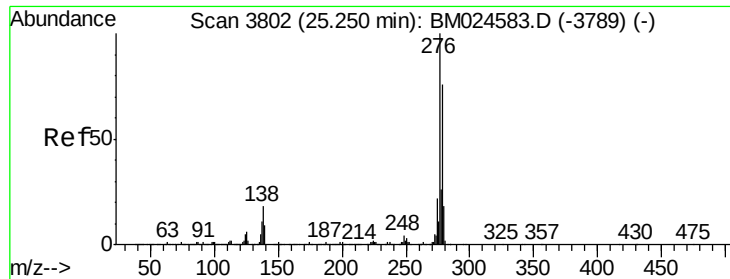
mohammad
1/23/2020 1:52:41 PM



#91
Benzo(a)pyrene
Concen: 6.355 ng/ul
RT: 23.09 min Scan# 3434
Delta R.T. 0.00 min
Lab File: BM024586.D
Acq: 22 Jan 2020 17:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	8.1	5.7	8.5





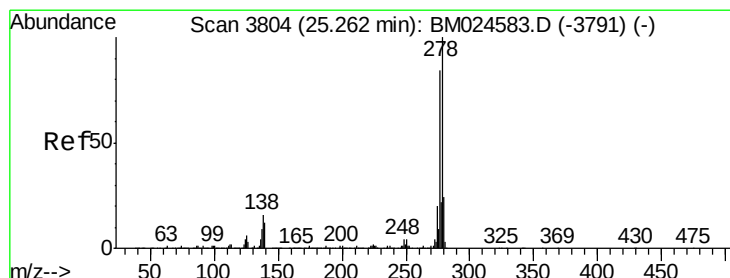
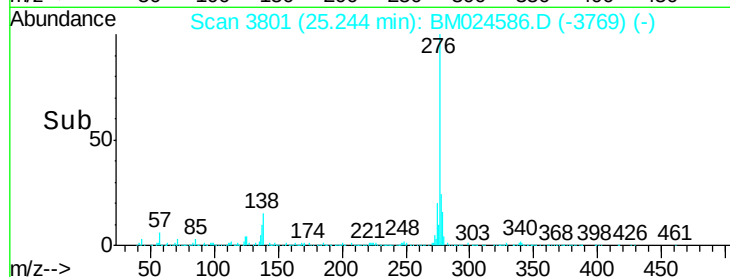
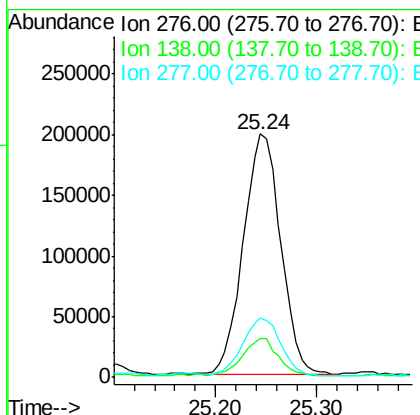
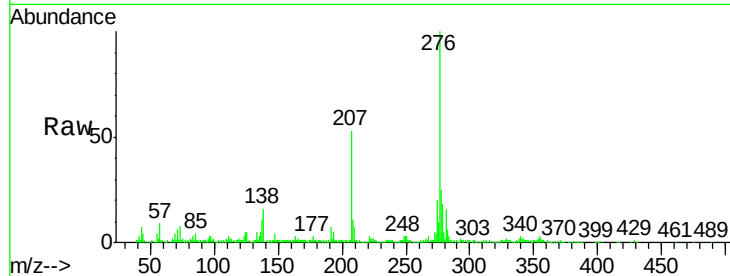
#92
Indeno(1,2,3-cd)pyrene
Concen: 6.302 ng/ul
RT: 25.24 min Scan# 3801
Delta R.T. -0.01 min
Lab File: BM024586.D
Acq: 22 Jan 2020 17:46

Instrument :
BNA_M
ClientSampled :
GASK2DL2

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.8	12.5	18.7
277	24.6	19.0	28.6

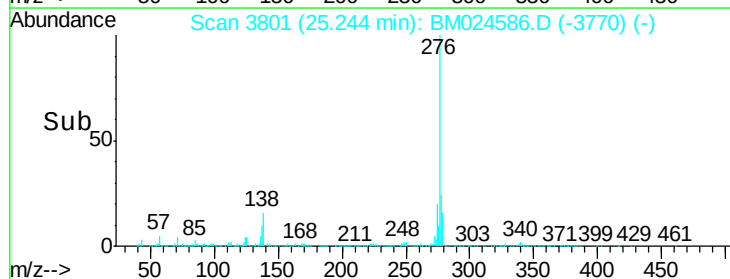
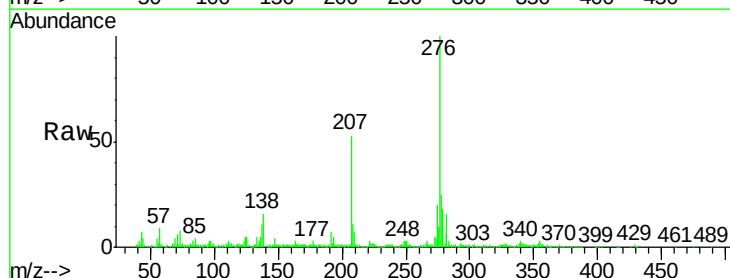
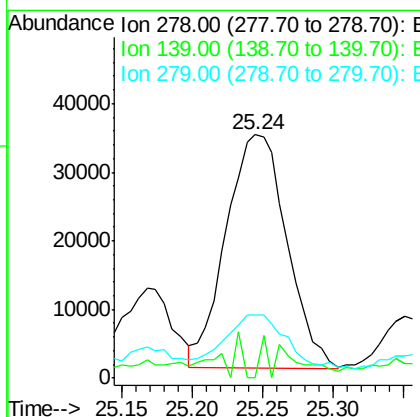
Manual Integrations
APPROVED

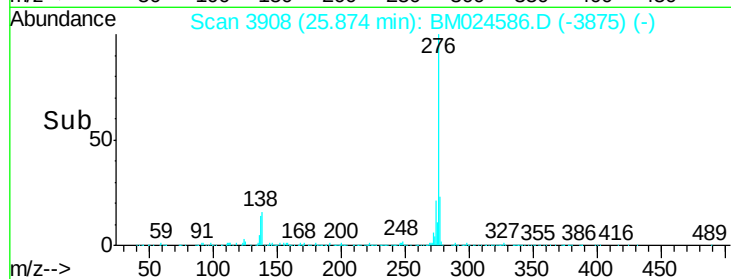
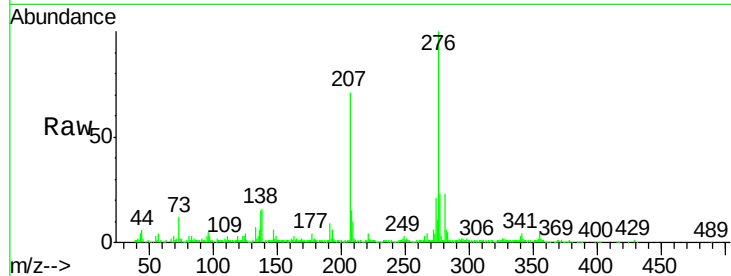
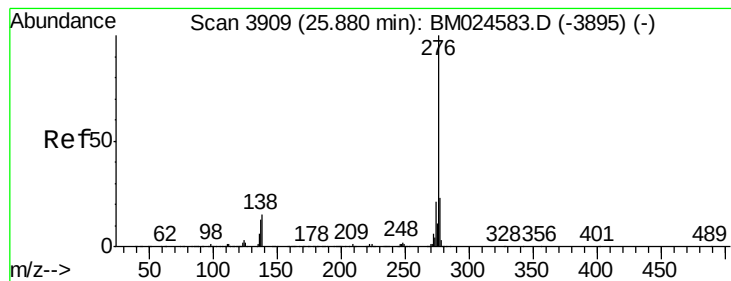
mohammad
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#93
Dibenzo(a,h)anthracene
Concen: 1.498 ng/ul
RT: 25.24 min Scan# 3801
Delta R.T. -0.02 min
Lab File: BM024586.D
Acq: 22 Jan 2020 17:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	8.7	13.1#
279	26.0	18.6	27.8





#94

Benzo(a,h,i)perylene

Concen: 6.344 ng/ul

RT: 25.87 min Scan# 3908

Delta R.T. -0.01 min

Lab File: BM024586.D

Acq: 22 Jan 2020 17:46

Tot Ion	Ratio	Resp	Lower	Upper
276	100	405909		
138	16.4		12.2	18.2
277	23.5		18.8	28.2

Instrument :

BNA_M

ClientSampleId :

GASK2DL2

Manual Integrations
APPROVED

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