

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
 Data File : BM029429.D
 Acq On : 09 Apr 2021 13:43
 Operator : CG/JU
 Sample : M1881-23
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESQH1

Manual Integrations
 APPROVED

mohammad
 4/12/2021 2:46:06 PM

Quant Time: Apr 09 14:16:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 09 11:03:41 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	97766	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	370183	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	195076	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	349795	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	313233	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	340858	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	10191	3.98	ng/uL	0.00
5) Phenol-d5	6.86	99	167397	20.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	114058	21.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	136721	22.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	115786	18.34	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	59557	23.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	61287	22.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	115108	20.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	115432	17.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	326034	23.34	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	401813	22.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	32567	12.71	ng/ul	0.00
58) Fluorene-d10	15.32	176	268767	22.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	28235	14.20	ng/ul	0.00
71) Anthracene-d10	17.16	188	384636	24.19	ng/ul	0.00
79) Pyrene-d10	19.45	212	403879	26.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	438376	25.21	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.88	94	11314	1.295	ng/ul#	89
45) Dimethylphthalate	13.78	163	32497	2.262	ng/ul	97
70) Phenanthrene	17.10	178	45377	2.253	ng/ul	99
77) Fluoranthene	19.12	202	89798	3.939	ng/ul	97
80) Pyrene	19.48	202	86396	4.165	ng/ul	98
83) Benzo(a)anthracene	21.22	228	41897	2.121	ng/ul	92
84) Bis(2-ethylhexyl)phthalate	21.17	149	103398	7.565	ng/ul	99
85) Chrysene	21.27	228	43189	2.236	ng/ul	96
87) Di-n-octyl phthalate	22.03	149	27783	1.033	ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	54688	2.492	ng/ul#	85
89) Benzo(k)fluoranthene	22.83	252	26204m	1.216	ng/ul	
91) Benzo(a)pyrene	23.35	252	43319	2.225	ng/ul#	87
92) Indeno(1,2,3-cd)pyrene	25.66	276	39488	1.550	ng/ul	98
94) Benzo(g,h,i)perylene	26.34	276	41102	1.986	ng/ul	96

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

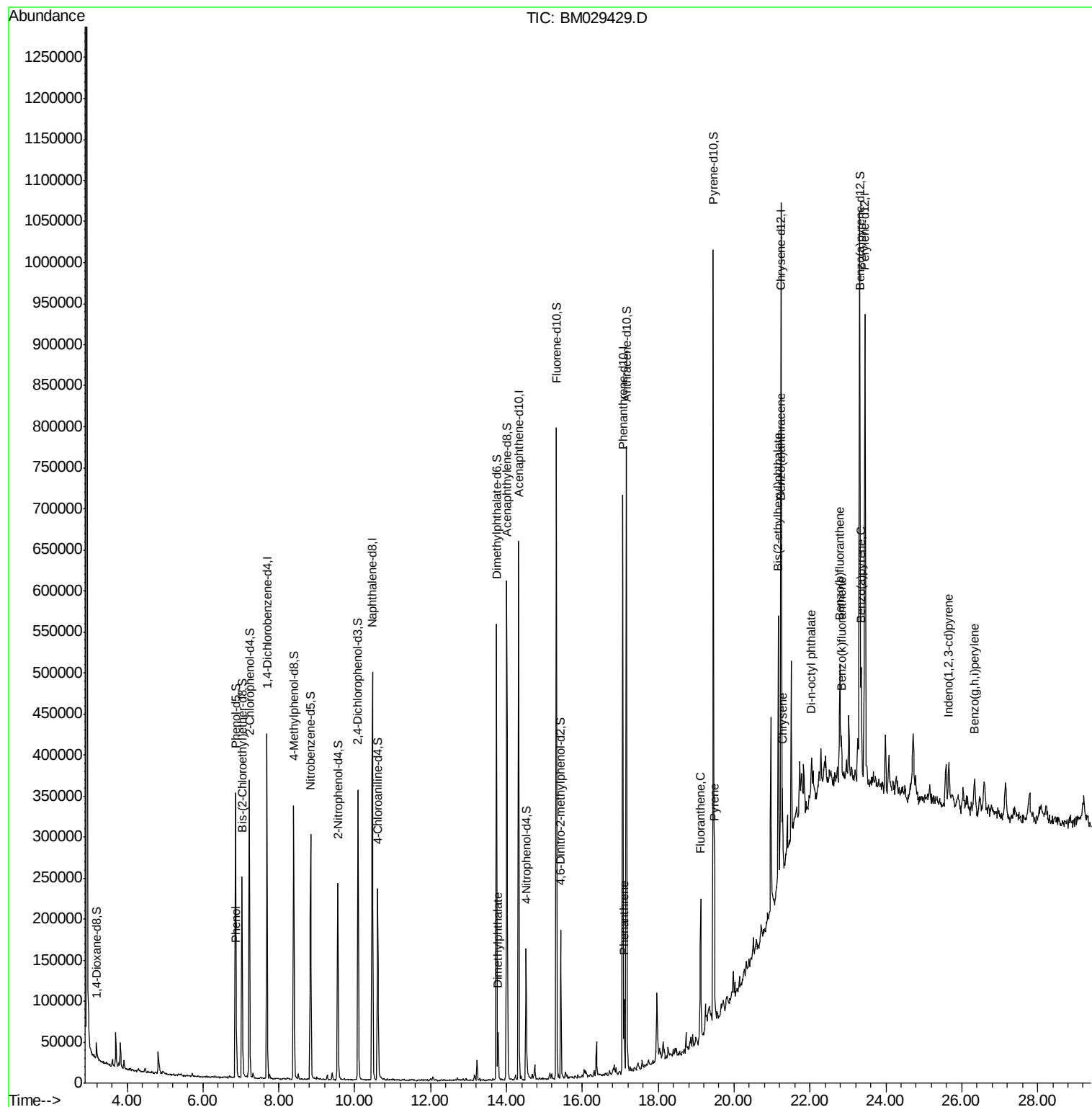
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029429.D
Acq On : 09 Apr 2021 13:43
Operator : CG/JU
Sample : M1881-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

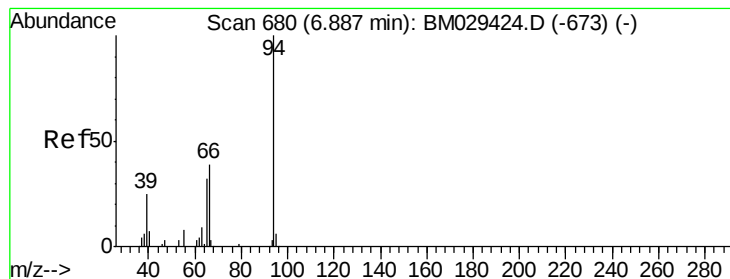
Instrument :
BNA_M
ClientSampleId :
ESQH1

Quant Time: Apr 09 14:16:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 09 11:03:41 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
4/12/2021 2:46:06 PM





#6

Phenol

Concen: 1.295 ng/ul

RT: 6.88 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM029429.D

Acq: 09 Apr 2021 13:43

Instrument :

BNA_M

ClientSampleId :

ESQH1

Tot Ion: 94 Resp: 11314

Ion Ratio Lower Upper

94 100

65 36.8 26.7 40.1

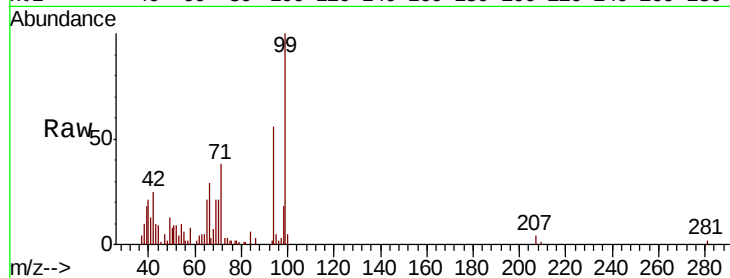
66 51.3 33.8 50.8#

Manual Integrations

APPROVED

mohammad

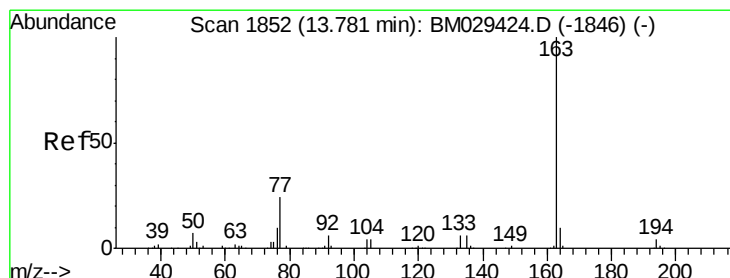
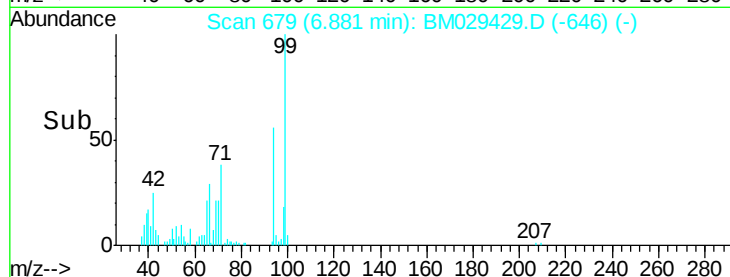
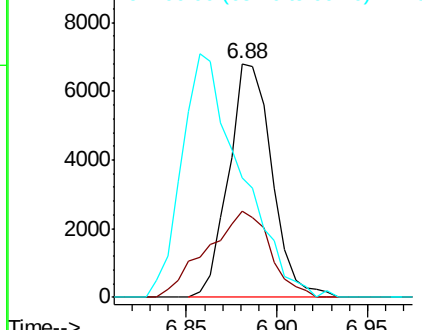
4/12/2021 2:46:06 PM



Abundance Ion 94.00 (93.70 to 94.70): BM029424.D (-673) (-)

Ion 65.00 (64.70 to 65.70): BM029424.D (-673) (-)

Ion 66.00 (65.70 to 66.70): BM029424.D (-673) (-)



#45

Dimethylphthalate

Concen: 2.262 ng/ul

RT: 13.78 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BM029429.D

Acq: 09 Apr 2021 13:43

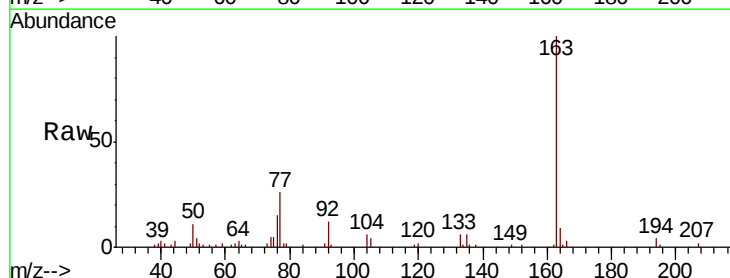
Tgt Ion:163 Resp: 32497

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

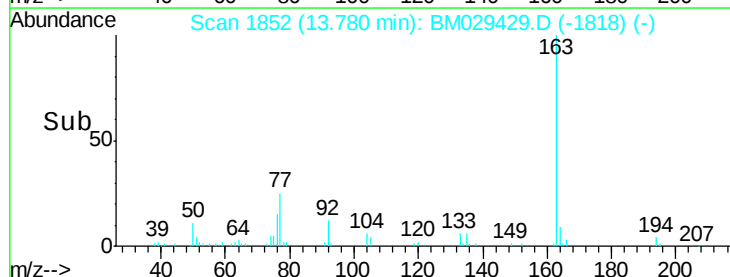
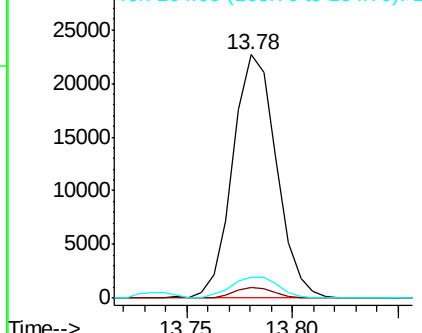
164 8.7 8.1 12.1

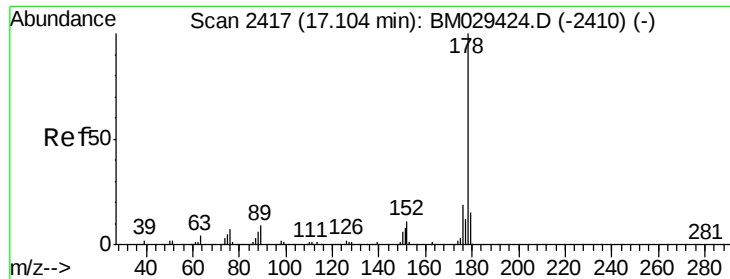


Abundance Ion 163.00 (162.70 to 163.70): BM029424.D (-1846) (-)

Ion 194.00 (193.70 to 194.70): BM029424.D (-1846) (-)

Ion 164.00 (163.70 to 164.70): BM029424.D (-1846) (-)





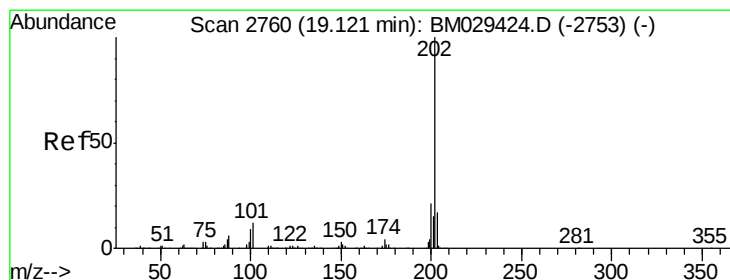
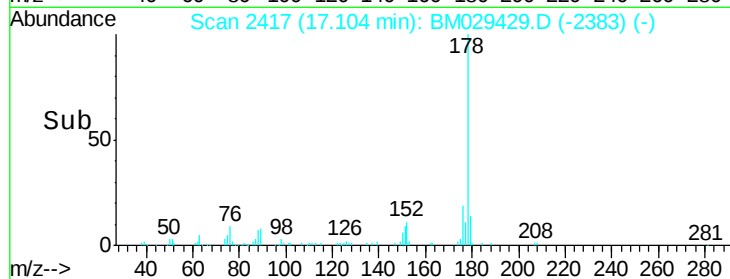
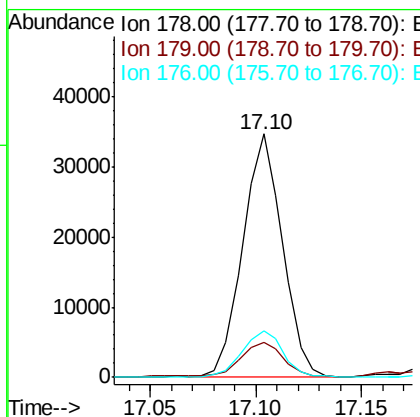
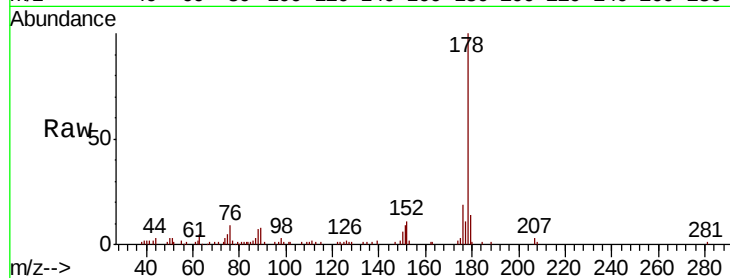
#70
Phenanthrene
Concen: 2.253 ng/ul
RT: 17.10 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BM029429.D
Acq: 09 Apr 2021 13:43

Instrument :
BNA_M
ClientSampleId :
ESQH1

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.1	12.2	18.2
176	19.1	15.4	23.2

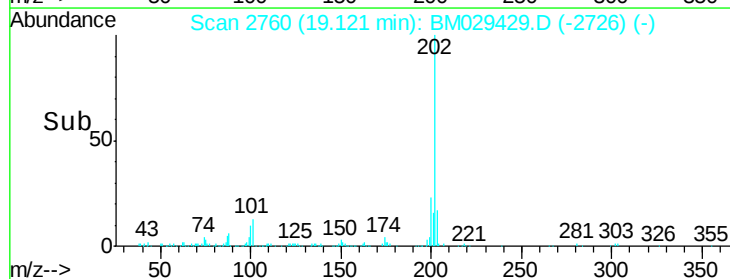
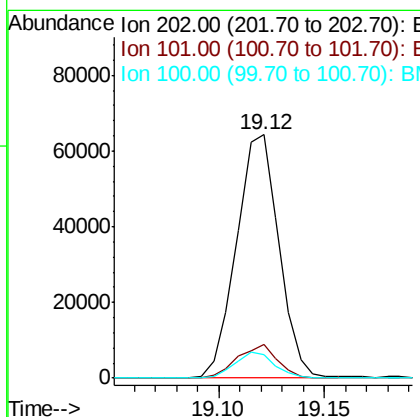
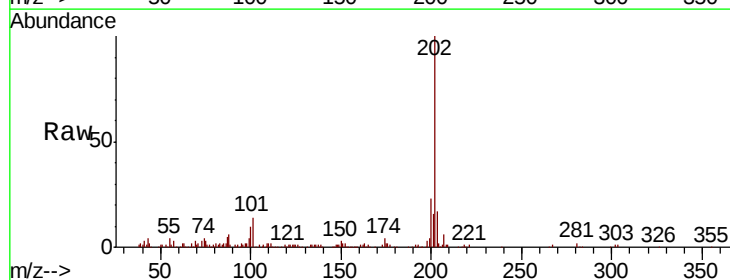
Manual Integrations
APPROVED

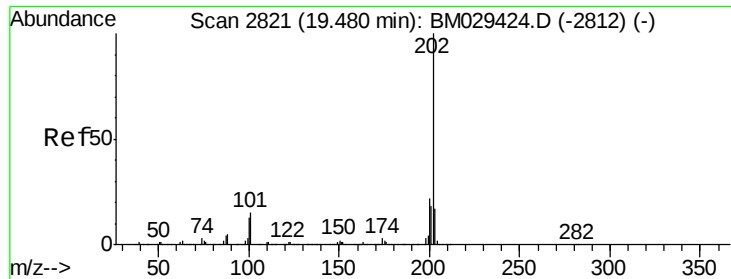
mohammad
4/12/2021 2:46:06 PM



#77
Fluoranthene
Concen: 3.939 ng/ul
RT: 19.12 min Scan# 2760
Delta R.T. -0.00 min
Lab File: BM029429.D
Acq: 09 Apr 2021 13:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.8	14.6
100	9.8	7.4	11.0





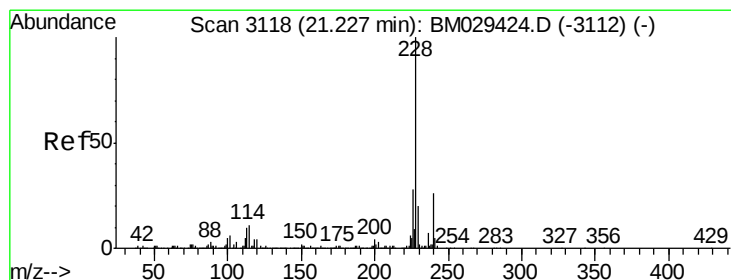
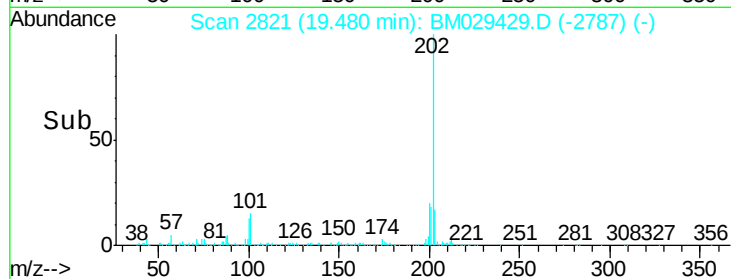
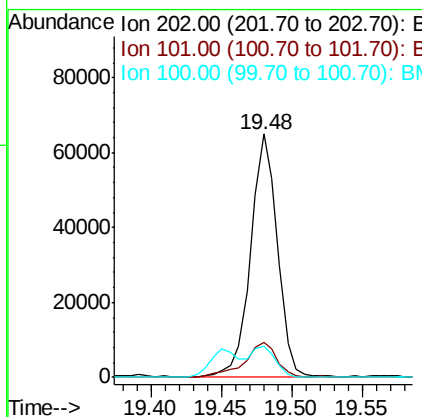
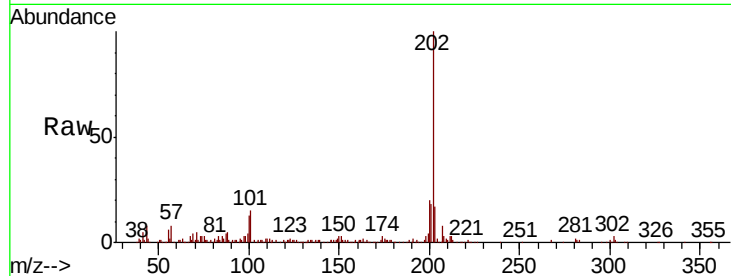
#80
Pvrene
Concen: 4.165 ng/ul
RT: 19.48 min Scan# 2821
Delta R.T. -0.00 min
Lab File: BM029429.D
Acq: 09 Apr 2021 13:43

Instrument :
BNA_M
ClientSampleId :
ESQH1

Tot Ion	Ratio	Resp	Lower	Upper
202	100	86396		
101	14.6		11.0	16.6
100	12.7		9.5	14.3

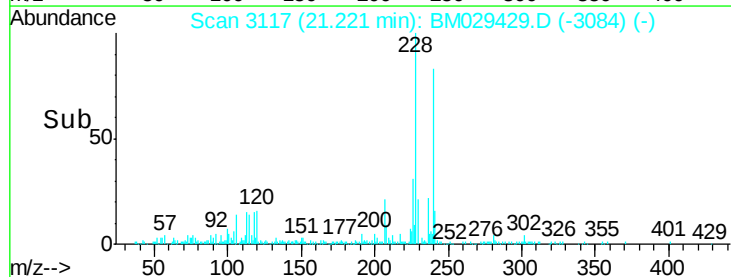
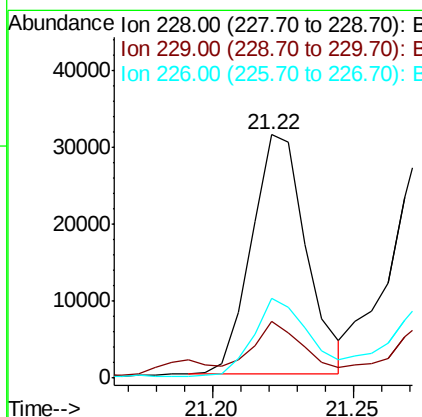
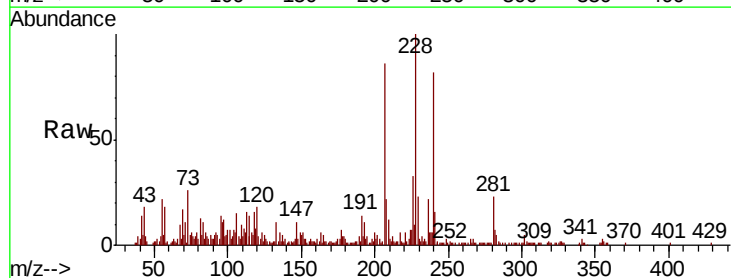
Manual Integrations
APPROVED

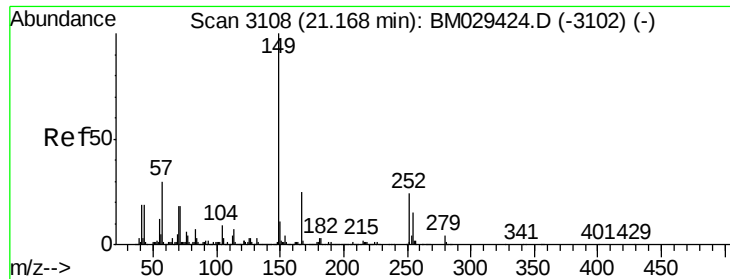
mohammad
4/12/2021 2:46:06 PM



#83
Benzo(a)anthracene
Concen: 2.121 ng/ul
RT: 21.22 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM029429.D
Acq: 09 Apr 2021 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	41897		
229	23.1		15.7	23.5
226	32.6		22.3	33.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 7.565 ng/ul

RT: 21.17 min Scan# 3108

Delta R.T. -0.00 min

Lab File: BM029429.D

Acq: 09 Apr 2021 13:43

Instrument :

BNA_M

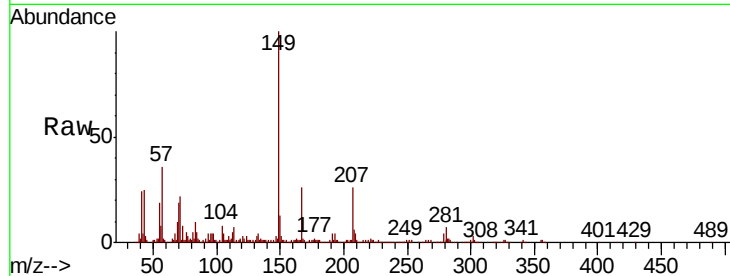
ClientSampleId :

ESQH1

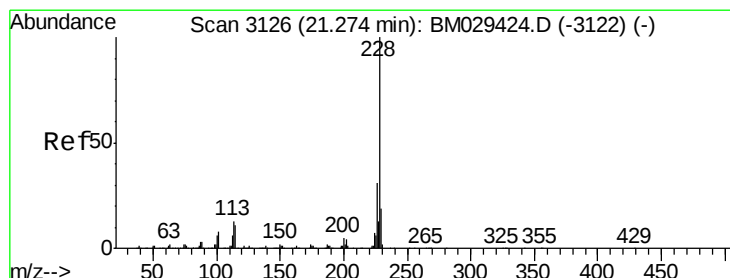
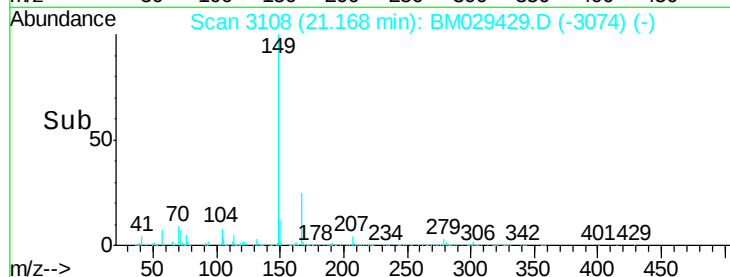
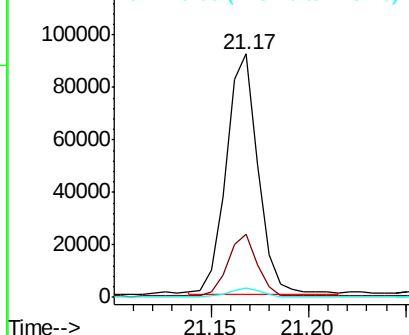
Tot Ion:	149	Resp:	103398
Ion Ratio	Lower	Upper	
149	100		
167	25.8	20.1	30.1
279	3.7	2.6	3.8

Manual Integrations
APPROVED

mohammad
4/12/2021 2:46:06 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 2.236 ng/ul

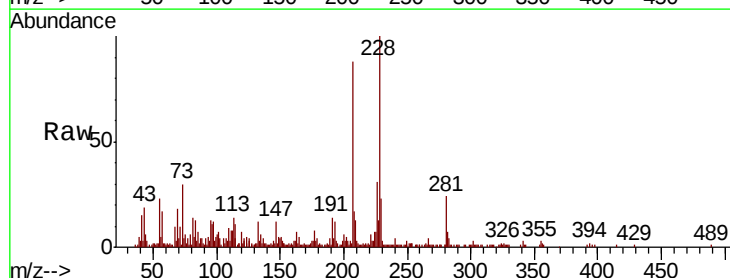
RT: 21.27 min Scan# 3126

Delta R.T. -0.00 min

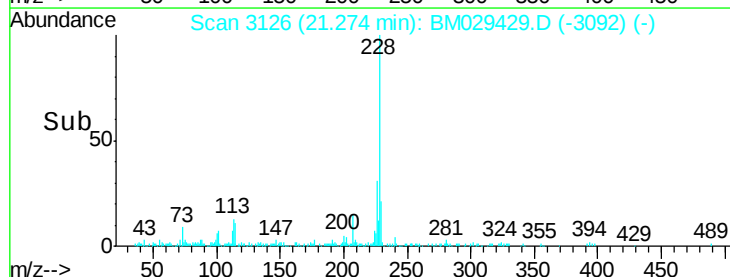
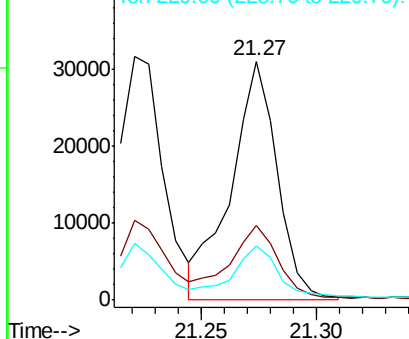
Lab File: BM029429.D

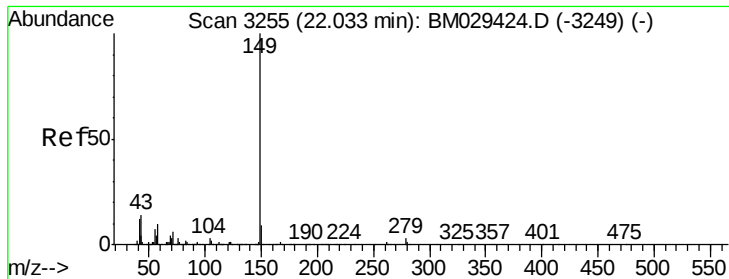
Acq: 09 Apr 2021 13:43

Tgt Ion:	228	Resp:	43189
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.0	36.0
229	22.6	15.4	23.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 1.033 ng/ul

RT: 22.03 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BM029429.D

Acq: 09 Apr 2021 13:43

Instrument :

BNA_M

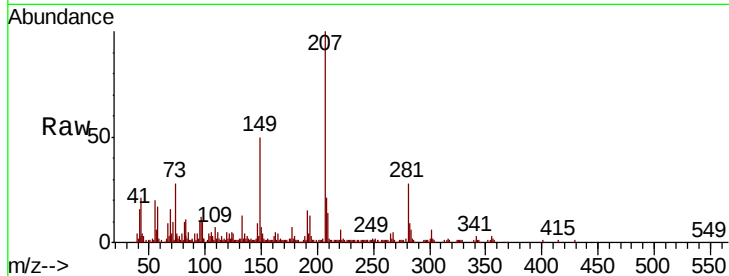
ClientSampleId :

ESQH1

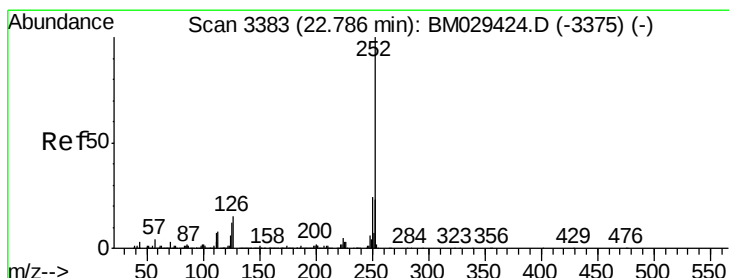
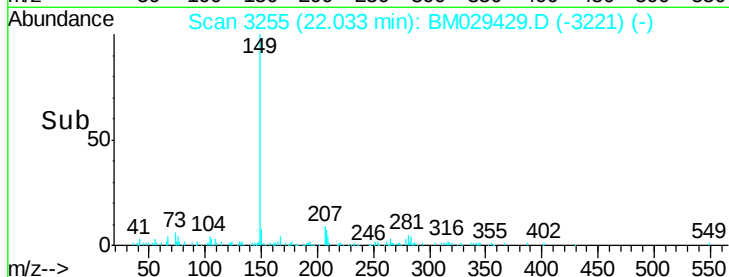
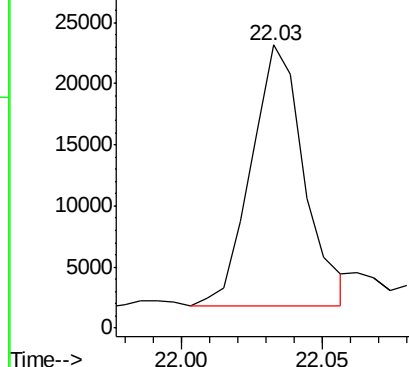
Tgt Ion:149 Resp: 27783

Manual Integrations
APPROVED

mohammad
4/12/2021 2:46:06 PM



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 2.492 ng/ul

RT: 22.79 min Scan# 3384

Delta R.T. 0.01 min

Lab File: BM029429.D

Acq: 09 Apr 2021 13:43

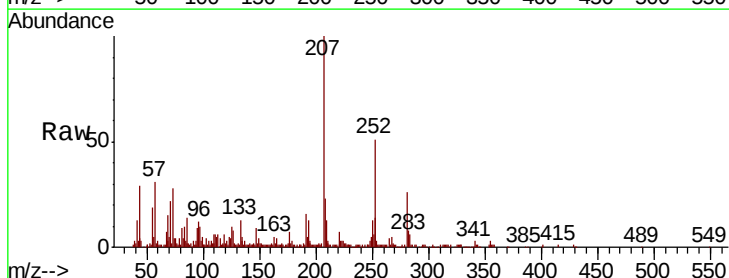
Tgt Ion:252 Resp: 54688

Ion Ratio Lower Upper

252 100

253 26.9 17.2 25.8#

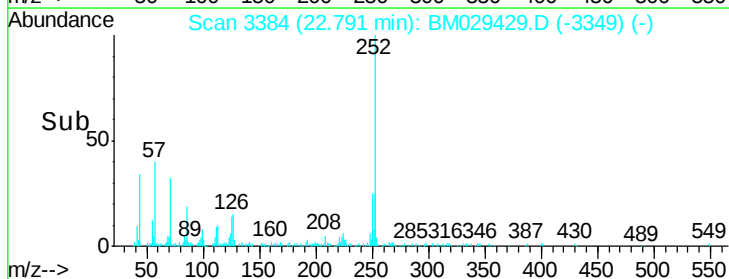
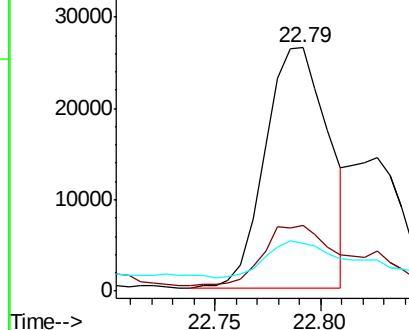
125 19.7 8.8 13.2#

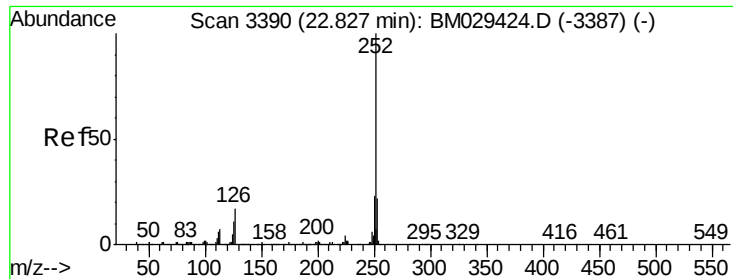


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





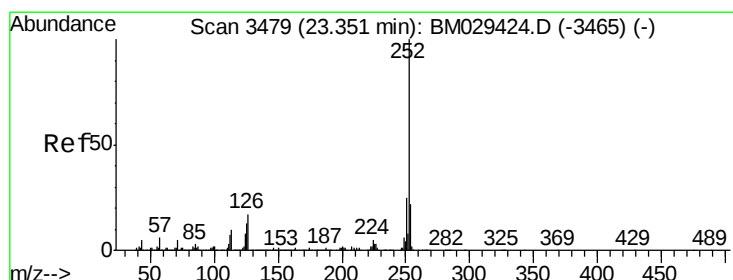
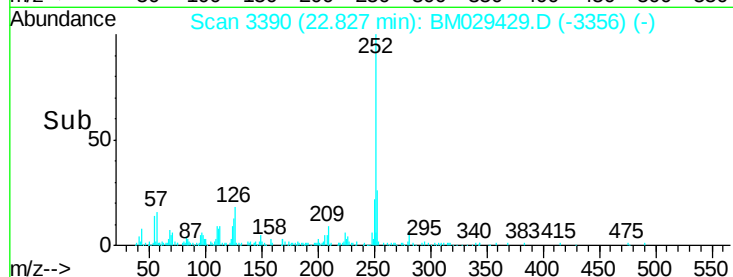
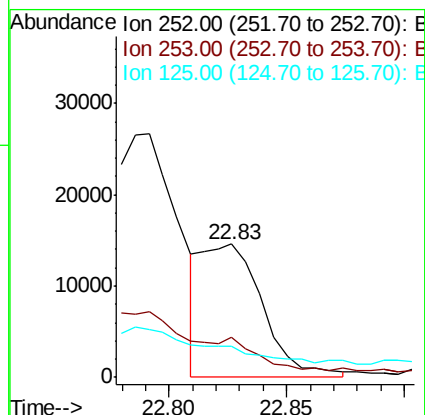
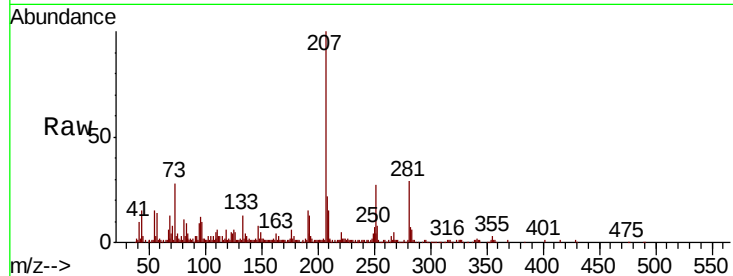
#89
Benzo(k)fluoranthene
Concen: 1.216 ng/ul m
RT: 22.83 min Scan# 3390
Delta R.T. -0.00 min
Lab File: BM029429.D
Acq: 09 Apr 2021 13:43

Instrument :
BNA_M
ClientSampleId :
ESQH1

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.9	17.1	25.7#
125	23.3	9.4	14.0#

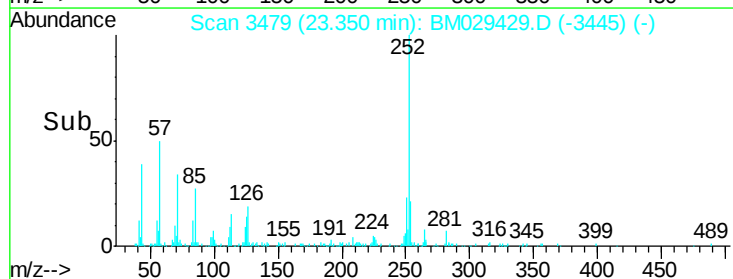
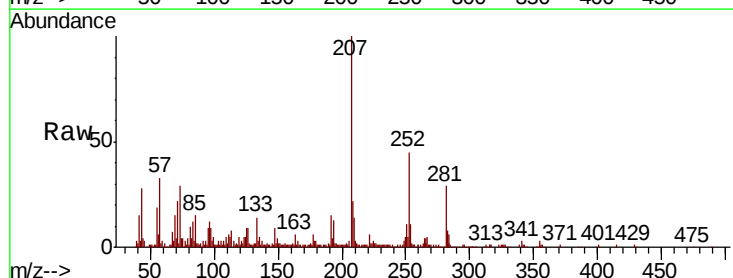
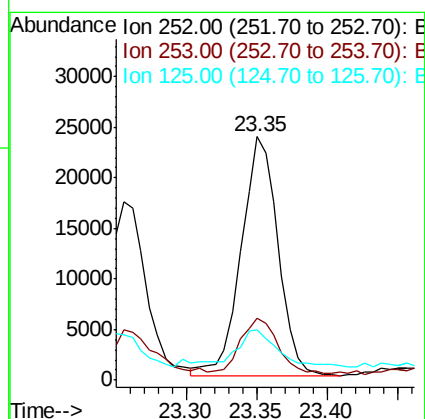
Manual Integrations
APPROVED

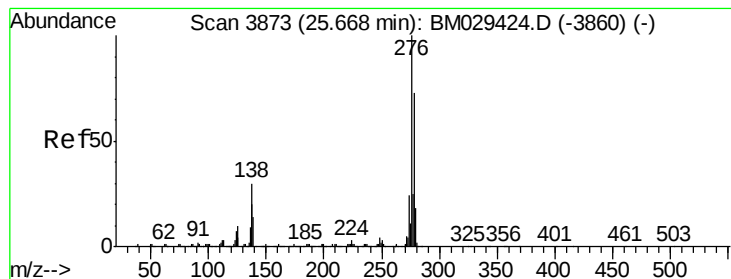
mohammad
4/12/2021 2:46:06 PM



#91
Benzo(a)pyrene
Concen: 2.225 ng/ul
RT: 23.35 min Scan# 3479
Delta R.T. -0.00 min
Lab File: BM029429.D
Acq: 09 Apr 2021 13:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.2	25.8
125	20.7	9.8	14.8#





#92

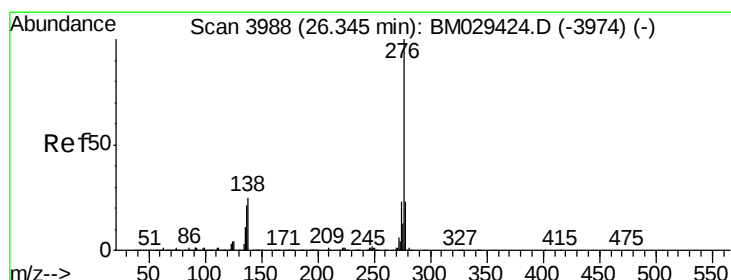
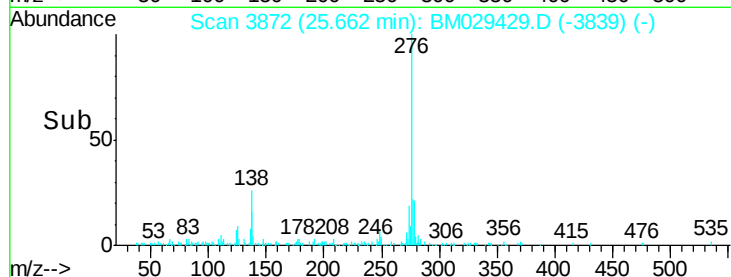
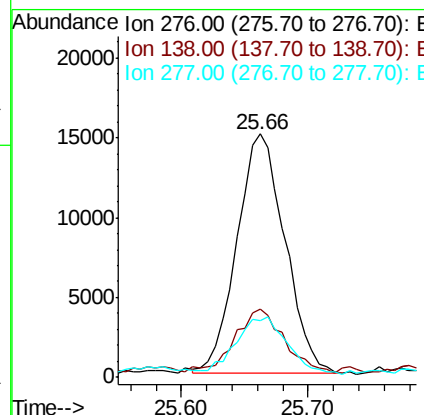
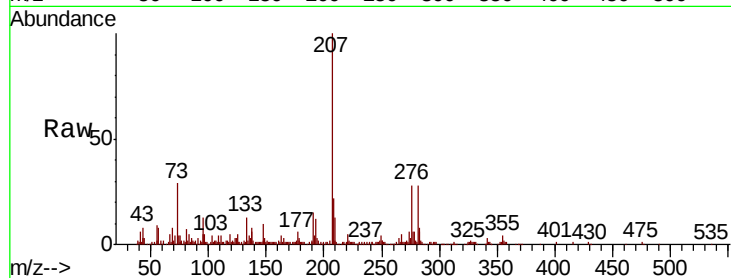
Indeno(1,2,3-cd)pyrene
Concen: 1.550 ng/ul
RT: 25.66 min Scan# 3872
Delta R.T. -0.01 min
Lab File: BM029429.D
Acq: 09 Apr 2021 13:43

Instrument :
BNA_M
ClientSampleId :
ESQH1

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.2	22.3	33.5
277	23.2	19.7	29.5

Manual Integrations
APPROVED

mohammad
4/12/2021 2:46:06 PM



#94

Benzo(g,h,i)perylene
Concen: 1.986 ng/ul
RT: 26.34 min Scan# 3988
Delta R.T. -0.00 min
Lab File: BM029429.D
Acq: 09 Apr 2021 13:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	19.5	29.3
277	24.1	18.8	28.2

