

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030832.D
 Acq On : 06 Jul 2021 22:46
 Operator : CG/JU
 Sample : M2869-07DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD5DL

Manual Integrations
 APPROVED

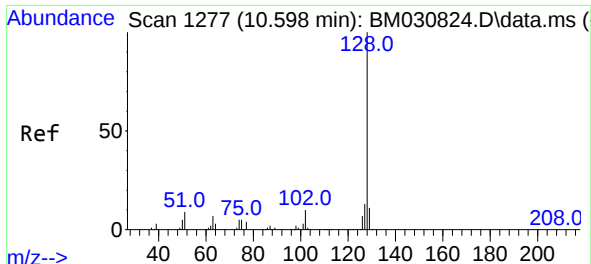
mohammad
 7/7/2021 6:12:11 PM

Quant Time: Jul 07 01:30:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 06 14:32:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

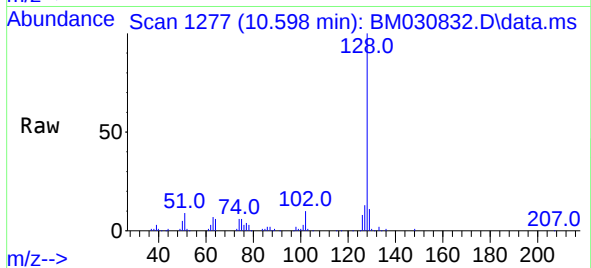
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	125647	20.000	ng/ul	0.00
20) Naphthalene-d8	10.551	136	526811	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.392	164	349359	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.139	188	709882	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	533618	20.000	ng/ul	0.00
88) Perylene-d12	23.550	264	509516	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	4037m	1.255	ng/uL	0.00
4) Pyridine-d5	3.711	84	24936m	2.966	ng/ul	0.04
7) Phenol-d5	6.934	99	71474	6.510	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	49670	7.024	ng/ul	0.00
11) 2-Chlorophenol-d4	7.299	132	59226	7.031	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	57865	6.577	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	26505	6.765	ng/ul	0.00
24) 2-Nitrophenol-d4	9.640	143	27870	6.501	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	54925	6.657	ng/ul	0.00
31) 4-Chloroaniline-d4	10.698	131	54385	4.642	ng/ul	0.00
46) Dimethylphthalate-d6	13.804	166	192589	7.874	ng/ul	0.00
49) Acenaphthylene-d8	14.086	160	223310	7.228	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	18701m	4.394	ng/ul	0.01
60) Fluorene-d10	15.386	176	169491	7.870	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	11628	2.555	ng/ul	0.00
73) Anthracene-d10	17.233	188	251269	7.596	ng/ul	0.00
81) Pyrene-d10	19.521	212	237127	8.057	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.409	264	164115	6.240	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.598	128	112506	4.247	ng/ul	99
47) Dimethylphthalate	13.851	163	69444	2.898	ng/ul	99
50) Acenaphthylene	14.116	152	81518	2.824	ng/ul#	97
52) Acenaphthene	14.457	153	628554	29.853	ng/ul	98
56) Dibenzofuran	14.792	168	395392	13.337	ng/ul	99
61) Fluorene	15.445	166	714919	29.277	ng/ul	99
72) Phenanthrene	17.186	178	6379072	168.406	ng/ul	97
74) Anthracene	17.268	178	2289315	58.822	ng/ul	99
80) Fluoranthene	19.198	202	5587908	153.986	ng/ul	98
82) Pyrene	19.557	202	3901746	103.741	ng/ul	99
85) Benzo(a)anthracene	21.292	228	2214165	66.365	ng/ul	93
87) Chrysene	21.339	228	1623739	49.463	ng/ul	98
90) Benzo(b)fluoranthene	22.880	252	1773476	54.034	ng/ul	99
91) Benzo(k)fluoranthene	22.915	252	734207m	23.014	ng/ul	
93) Benzo(a)pyrene	23.456	252	1158740	39.895	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.821	276	735483	20.361	ng/ul	97
95) Dibenzo(a,h)anthracene	25.821	278	229486	7.577	ng/ul#	93
96) Benzo(g,h,i)perylene	26.515	276	60725	2.097	ng/ul#	83

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



#30
Naphthalene
Concen: 4.247 ng/ul
RT: 10.598 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BM030832.D
Acq: 06 Jul 2021 22:46

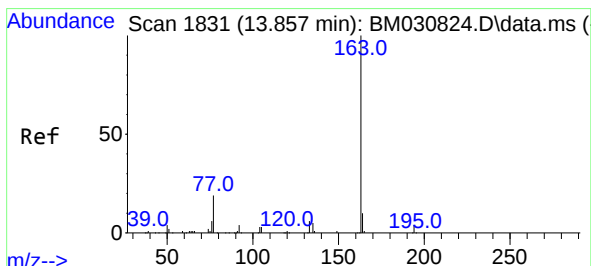
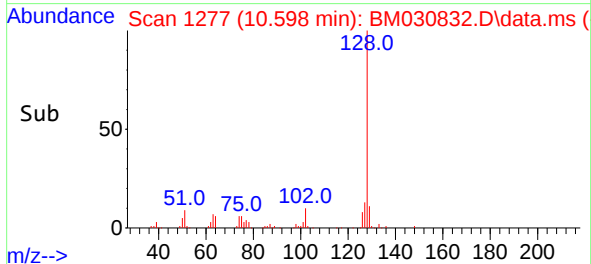
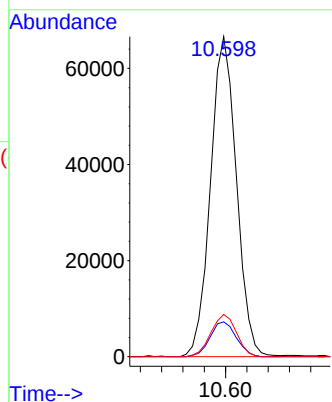
Instrument :
BNA_M
ClientSampleId :
BGDX5DL



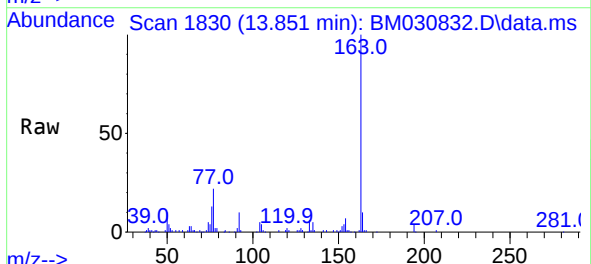
Tgt Ion:128 Resp: 112506
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.2 10.3 15.5

Manual Integrations
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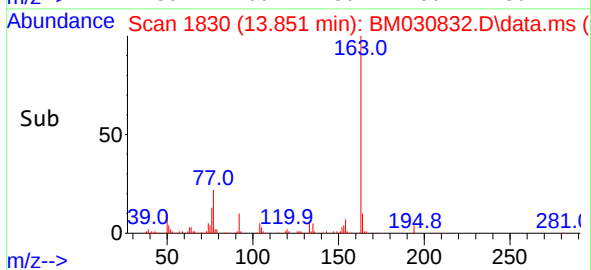
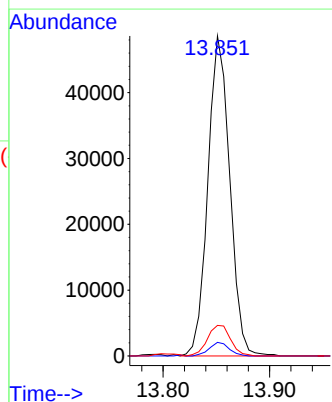
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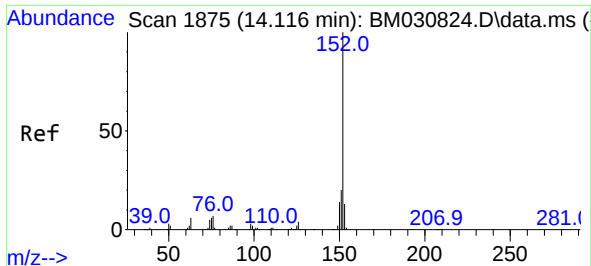


#47
Dimethylphthalate
Concen: 2.898 ng/ul
RT: 13.851 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BM030832.D
Acq: 06 Jul 2021 22:46



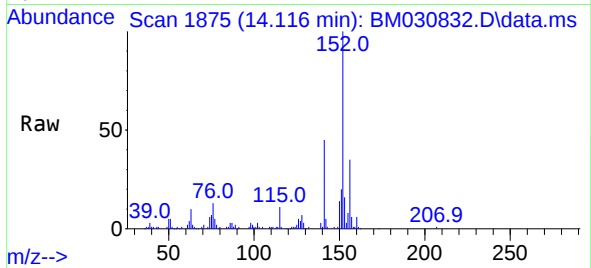
Tgt Ion:163 Resp: 69444
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 9.5 7.8 11.8





#50
Acenaphthylene
Concen: 2.824 ng/ul
RT: 14.116 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BM030832.D
Acq: 06 Jul 2021 22:46

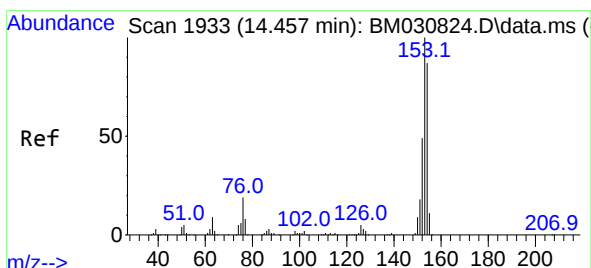
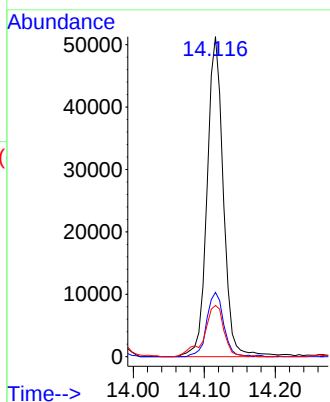
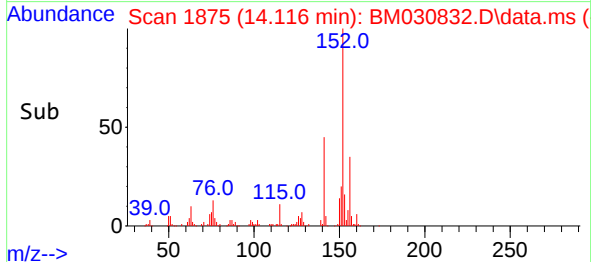
Instrument :
BNA_M
ClientSampleID :
BGDX5DL



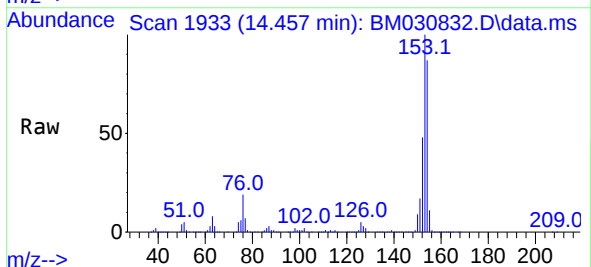
Tgt Ion:152 Resp: 81518
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 16.0 10.2 15.4#

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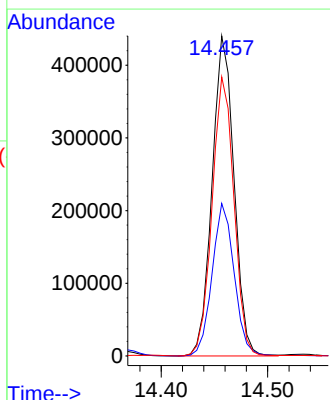
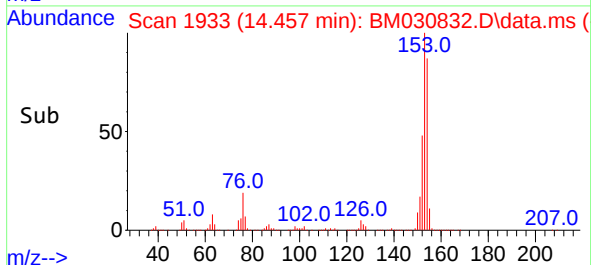
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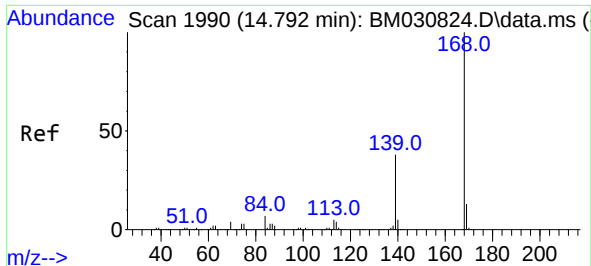


#52
Acenaphthene
Concen: 29.853 ng/ul
RT: 14.457 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BM030832.D
Acq: 06 Jul 2021 22:46

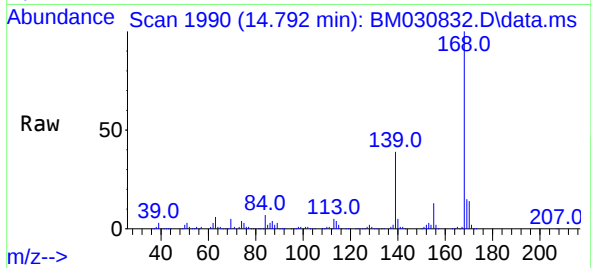


Tgt Ion:153 Resp: 628554
Ion Ratio Lower Upper
153 100
152 47.7 38.8 58.2
154 87.2 71.3 106.9

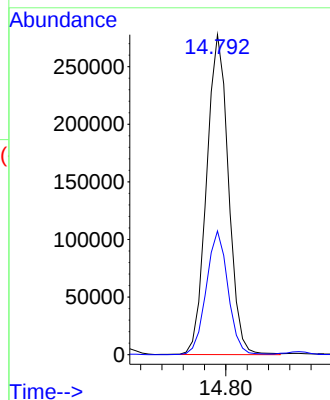
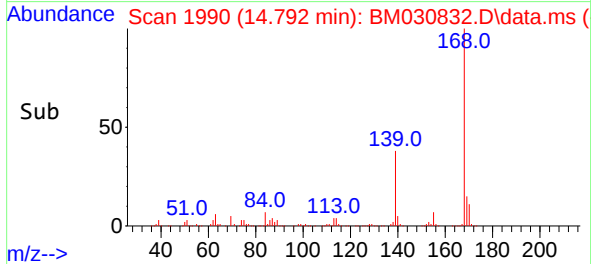




#56
Dibenzenofuran
Concen: 13.337 ng/ul
RT: 14.792 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BM030832.D
Acq: 06 Jul 2021 22:46



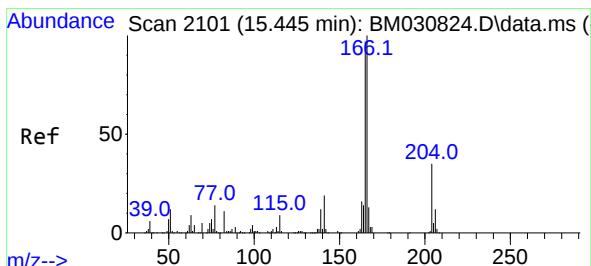
Tgt Ion:168 Resp: 395392
Ion Ratio Lower Upper
168 100
139 38.7 30.2 45.4



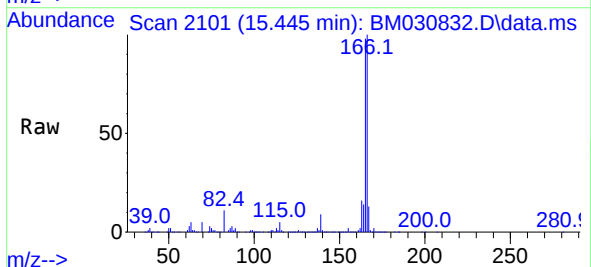
Instrument :
BNA_M
ClientSampleId :
BGDX5DL

Manual Integrations
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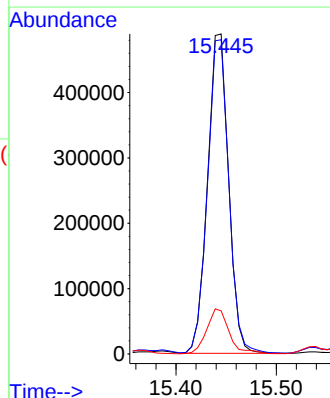
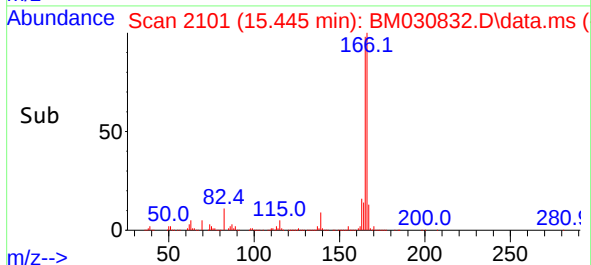
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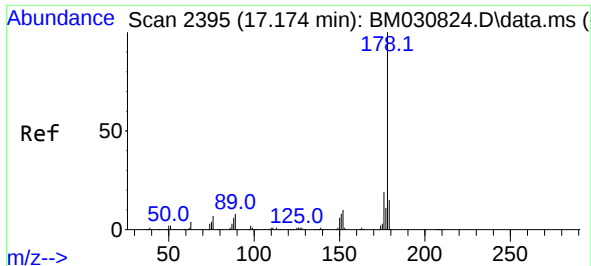


#61
Fluorene
Concen: 29.277 ng/ul
RT: 15.445 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM030832.D
Acq: 06 Jul 2021 22:46



Tgt Ion:166 Resp: 714919
Ion Ratio Lower Upper
166 100
165 98.2 77.4 116.2
167 13.5 10.6 15.8





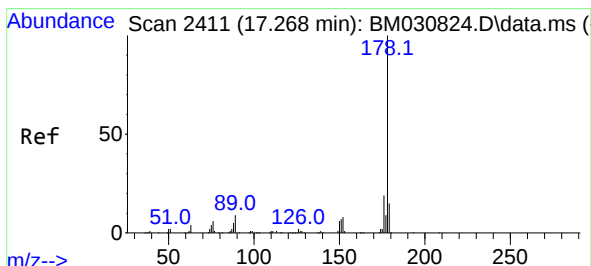
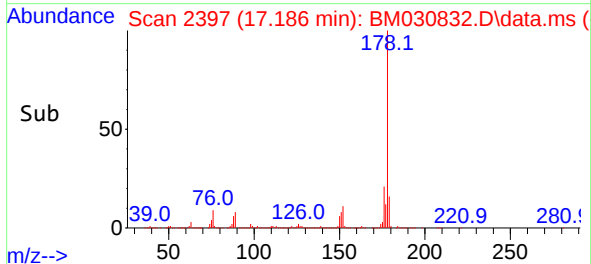
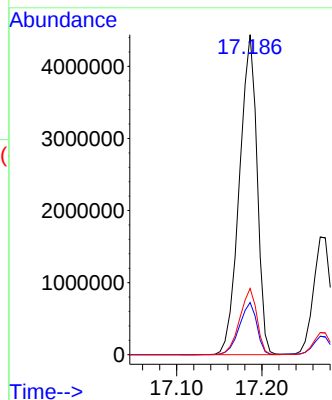
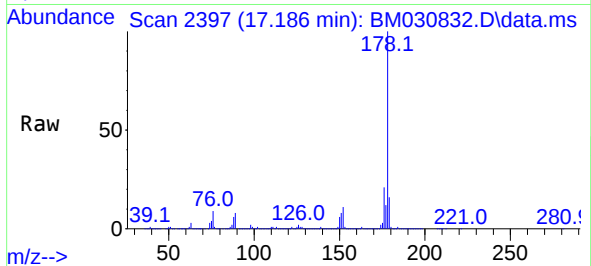
#72
Phenanthrene
Concen: 168.406 ng/u1
RT: 17.186 min Scan# 2397
Delta R.T. 0.012 min
Lab File: BM030832.D
Acq: 06 Jul 2021 22:46

Tgt Ion:178 Resp: 6379072
Ion Ratio Lower Upper
178 100
179 16.3 12.1 18.1
176 20.7 15.4 23.0

Instrument :
BNA_M
ClientSampled :
BGDX5DL

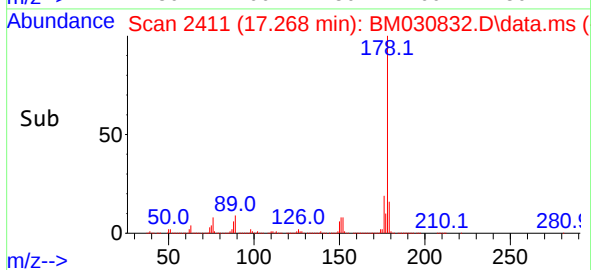
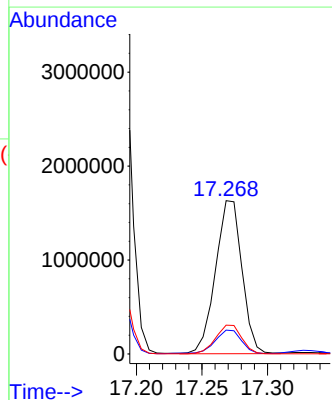
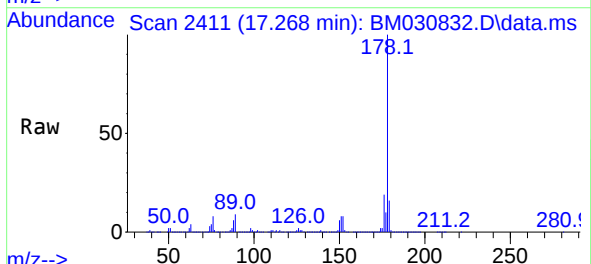
Manual Integrations
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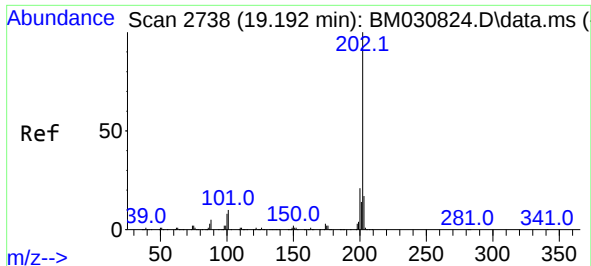
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#74
Anthracene
Concen: 58.822 ng/u1
RT: 17.268 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BM030832.D
Acq: 06 Jul 2021 22:46

Tgt Ion:178 Resp: 2289315
Ion Ratio Lower Upper
178 100
179 15.6 12.1 18.1
176 18.8 14.7 22.1





#80
Fluoranthene
Concen: 153.986 ng/u1
RT: 19.198 min Scan# 2739
Delta R.T. 0.012 min
Lab File: BM030832.D
Acq: 06 Jul 2021 22:46

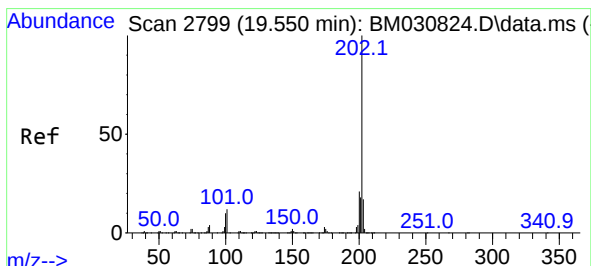
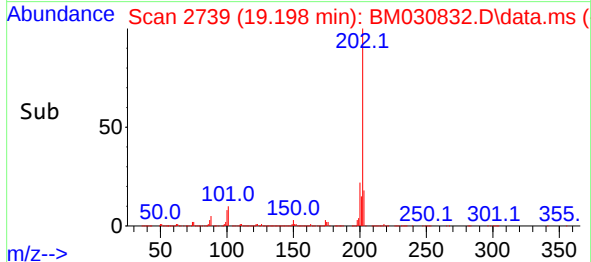
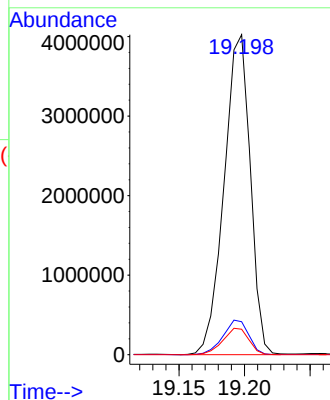
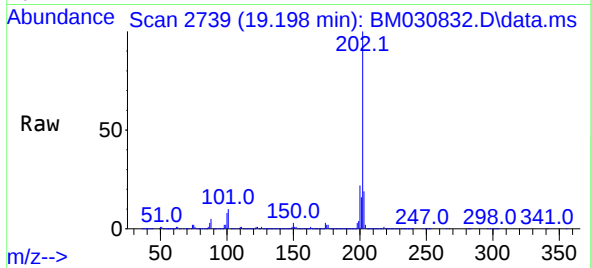
Tgt Ion:202 Resp: 5587908

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.8	13.2
100	7.9	6.7	10.1

Instrument :
BNA_M
ClientSampled :
BGDX5DL

Manual Integrations
APPROVED

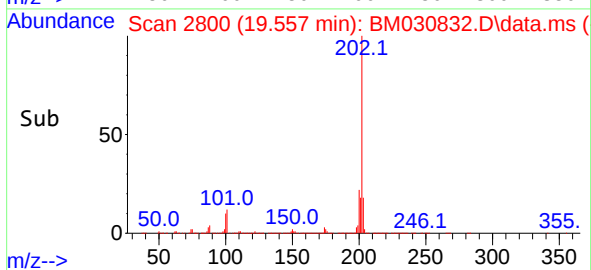
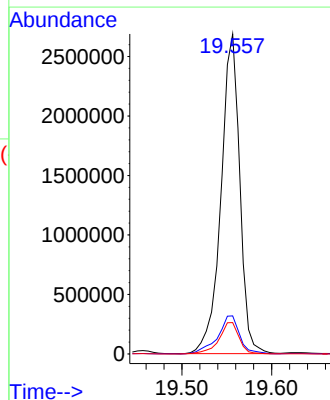
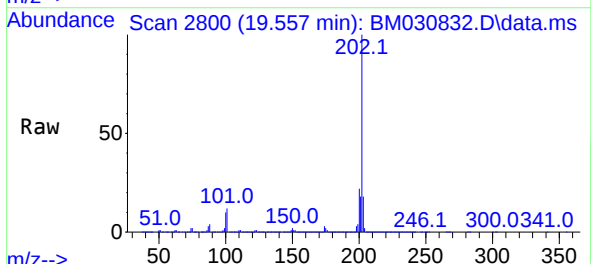
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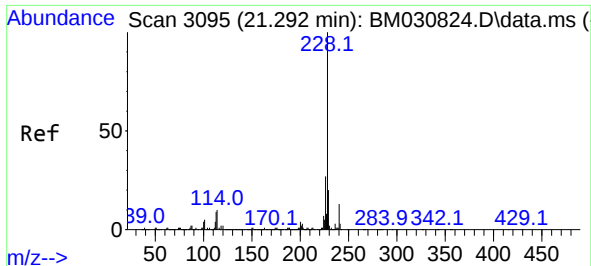


#82
Pyrene
Concen: 103.741 ng/u1
RT: 19.557 min Scan# 2800
Delta R.T. 0.006 min
Lab File: BM030832.D
Acq: 06 Jul 2021 22:46

Tgt Ion:202 Resp: 3901746

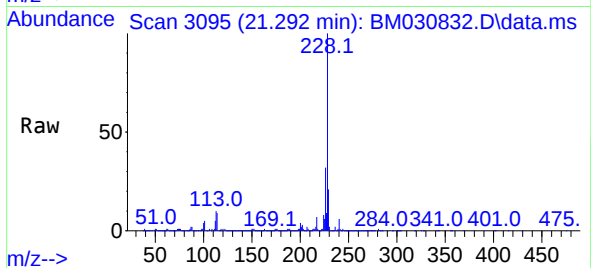
Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.6
100	9.8	8.0	12.0





#85
Benzo(a)anthracene
Concen: 66.365 ng/u1
RT: 21.292 min Scan# 3095
Delta R.T. 0.000 min
Lab File: BM030832.D
Acq: 06 Jul 2021 22:46

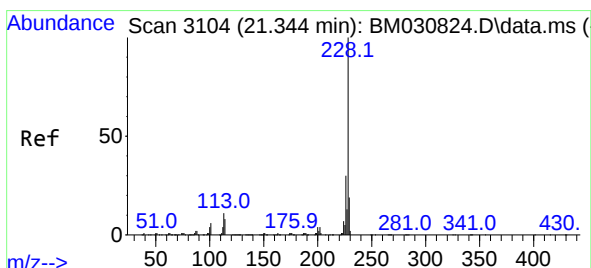
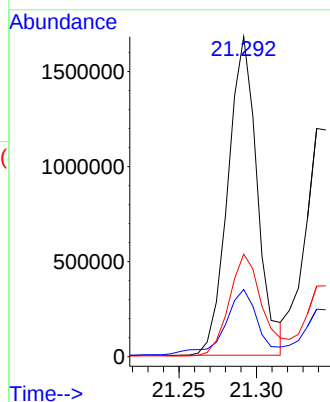
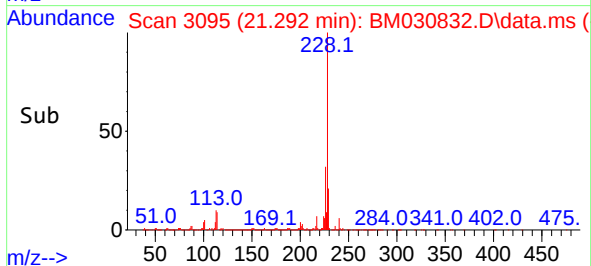
Instrument :
BNA_M
ClientSampled :
BGDX5DL



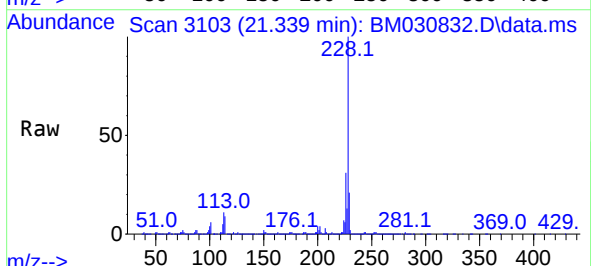
Tgt Ion:228 Resp: 2214165
Ion Ratio Lower Upper
228 100
229 21.0 15.4 23.2
226 32.1 21.8 32.8

Manual Integrations
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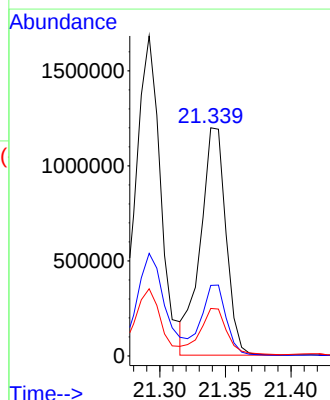
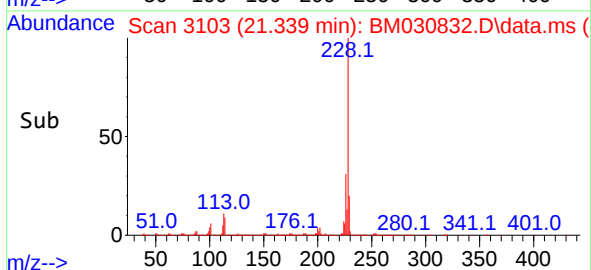
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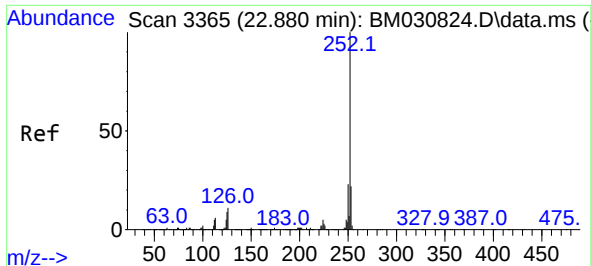


#87
Chrysene
Concen: 49.463 ng/u1
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM030832.D
Acq: 06 Jul 2021 22:46



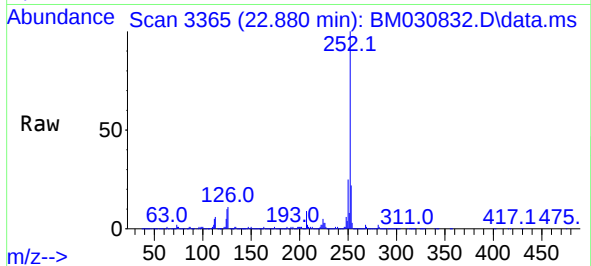
Tgt Ion:228 Resp: 1623739
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 20.8 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 54.034 ng/ul
RT: 22.880 min Scan# 3365
Delta R.T. 0.006 min
Lab File: BM030832.D
Acq: 06 Jul 2021 22:46

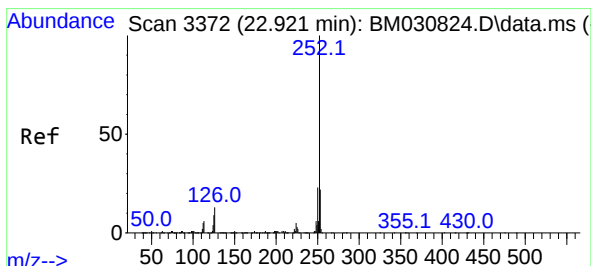
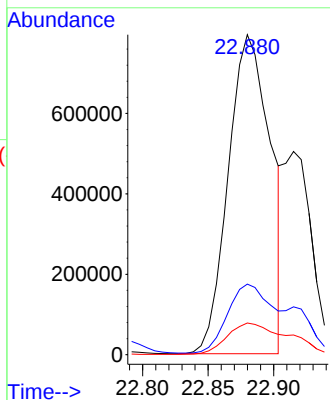
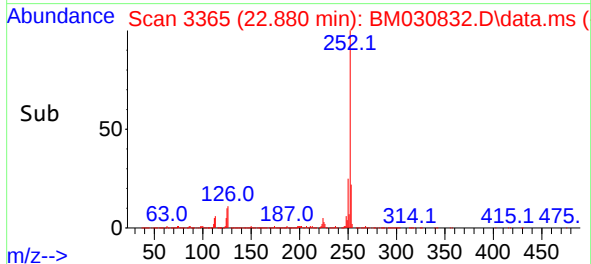
Instrument :
BNA_M
ClientSampled :
BGDX5DL



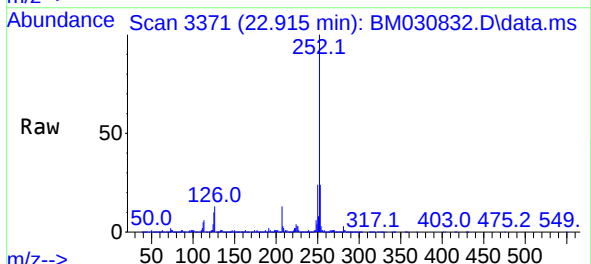
Tgt Ion:252 Resp: 1773476
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.9 7.7 11.5

Manual Integrations
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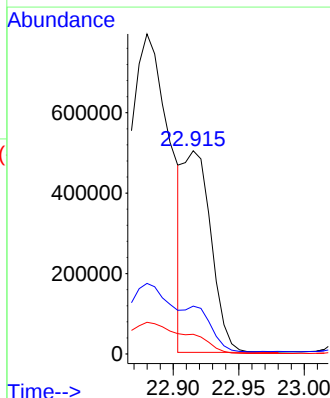
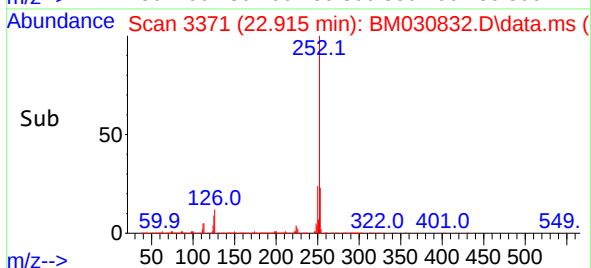
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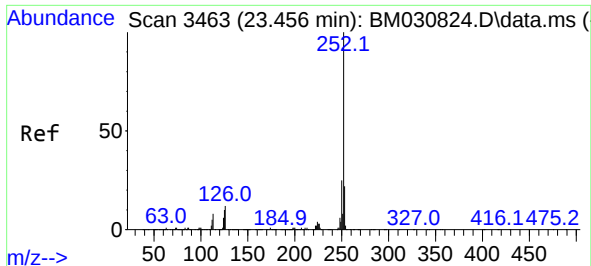


#91
Benzo(k)fluoranthene
Concen: 23.014 ng/ul m
RT: 22.915 min Scan# 3371
Delta R.T. -0.006 min
Lab File: BM030832.D
Acq: 06 Jul 2021 22:46



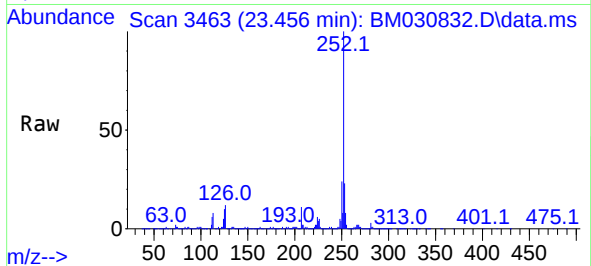
Tgt Ion:252 Resp: 734207
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.0
125 9.7 7.4 11.0





#93
Benzo(a)pyrene
Concen: 39.895 ng/ul
RT: 23.456 min Scan# 3463
Delta R.T. 0.000 min
Lab File: BM030832.D
Acq: 06 Jul 2021 22:46

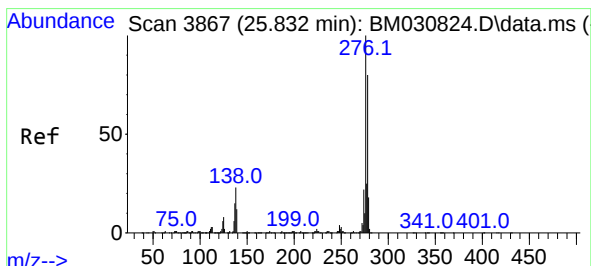
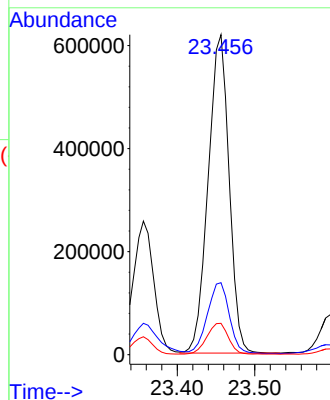
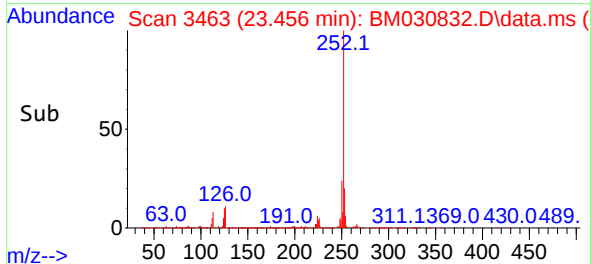
Instrument :
BNA_M
ClientSampled :
BGDX5DL



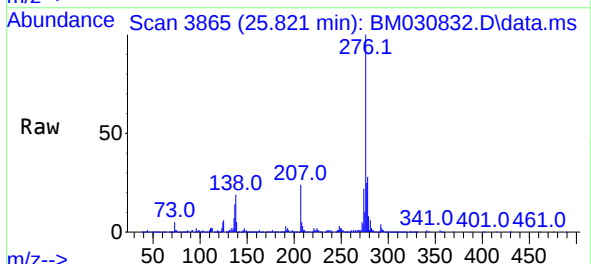
Tgt Ion:252 Resp: 1158740
Ion Ratio Lower Upper
252 100
253 22.5 16.7 25.1
125 9.8 8.5 12.7

Manual Integrations
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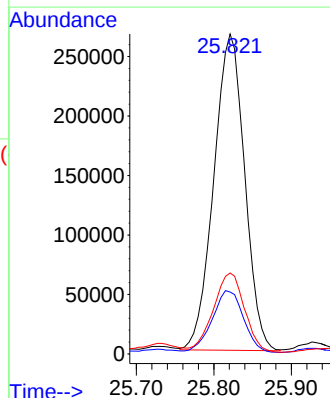
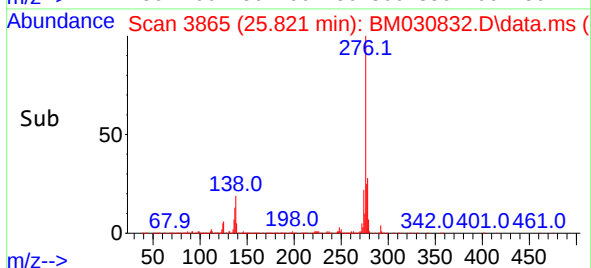
mohammad
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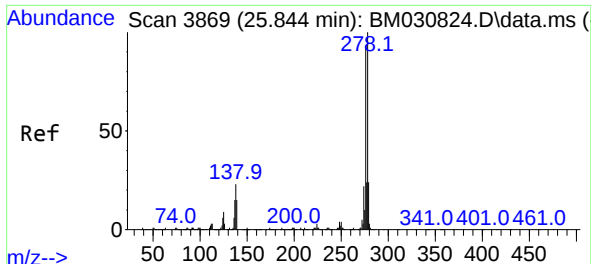


#94
Indeno(1,2,3-cd)pyrene
Concen: 20.361 ng/ul
RT: 25.821 min Scan# 3865
Delta R.T. -0.006 min
Lab File: BM030832.D
Acq: 06 Jul 2021 22:46

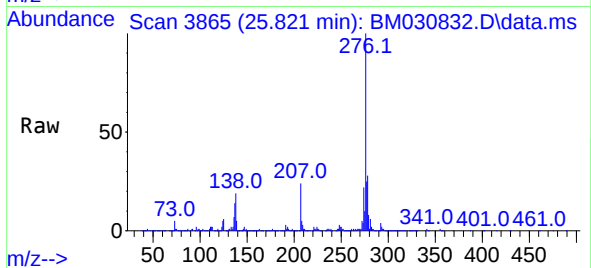


Tgt Ion:276 Resp: 735483
Ion Ratio Lower Upper
276 100
138 19.3 18.1 27.1
277 25.3 20.3 30.5

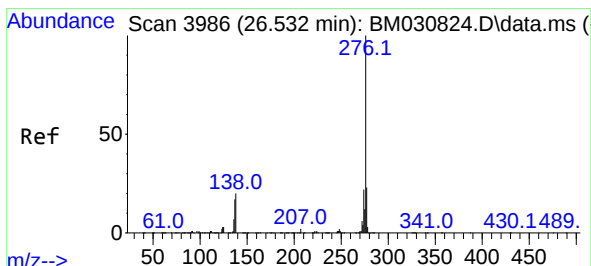
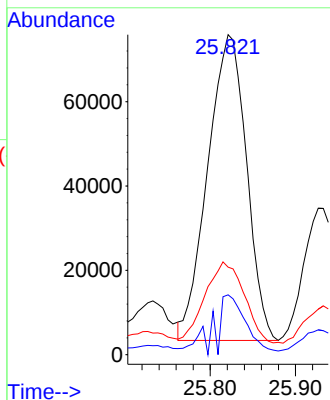
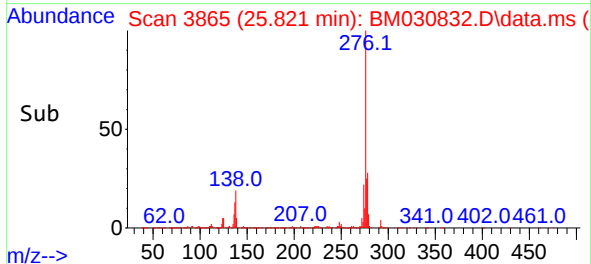




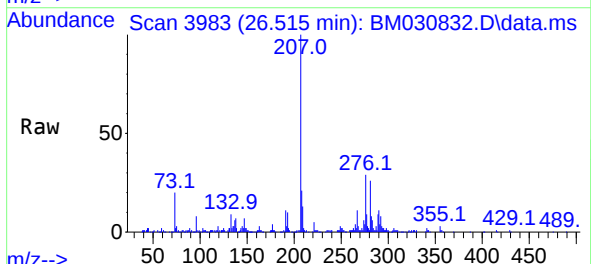
#95
Dibenzo(a,h)anthracene
Concen: 7.577 ng/ul
RT: 25.821 min Scan# 3865
Delta R.T. -0.017 min
Lab File: BM030832.D
Acq: 06 Jul 2021 22:46



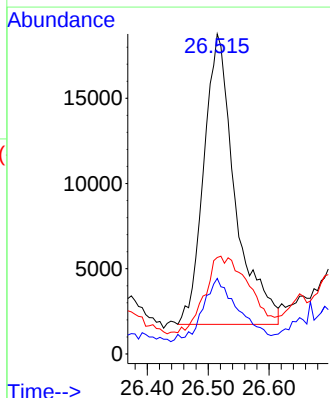
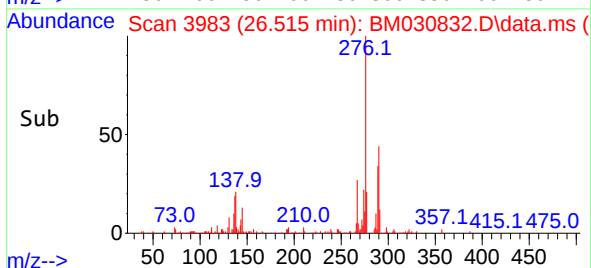
Tgt Ion: 278 Resp: 229486
Ion Ratio Lower Upper
278 100
139 18.7 12.4 18.6#
279 27.3 19.0 28.6



#96
Benzo(g,h,i)perylene
Concen: 2.097 ng/ul
RT: 26.515 min Scan# 3983
Delta R.T. -0.012 min
Lab File: BM030832.D
Acq: 06 Jul 2021 22:46



Tgt Ion: 276 Resp: 60725
Ion Ratio Lower Upper
276 100
138 30.5 15.8 23.6#
277 30.1 19.4 29.0#



Instrument :
BNA_M
ClientSampled :
BGDX5DL

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