

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030545.D
 Acq On : 23 Jun 2021 09:54
 Operator : CG/JU
 Sample : M2662-04DL 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDF4DL

Manual Integrations
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Quant Time: Jun 23 10:31:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 22 15:07:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	179725	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	727241	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	428059	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.174	188	784034	20.000	ng/u1	0.00
79) Chrysene-d12	21.344	240	714728	20.000	ng/u1	0.00
88) Perylene-d12	23.615	264	777617	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	1921	0.433	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.975	99	36723	2.369	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.139	67	22934	2.354	ng/u1	0.00
11) 2-Chlorophenol-d4	7.339	132	27074	2.263	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	32137	2.664	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	14630	2.696	ng/u1	0.00
24) 2-Nitrophenol-d4	9.680	143	14946	2.478	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	30323	2.625	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	37267	2.313	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	109049	3.689	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	124459	3.244	ng/u1	0.00
54) 4-Nitrophenol-d4	14.651	143	7820	1.397	ng/u1	0.01
60) Fluorene-d10	15.427	176	98678	3.764	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	4748	0.926	ng/u1	0.00
73) Anthracene-d10	17.274	188	138000	3.771	ng/u1	0.00
81) Pyrene-d10	19.556	212	101783	2.718	ng/u1	-0.01
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/u1	
Target Compounds					Qvalue	
30) Naphthalene	10.645	128	45009	1.222	ng/u1	97
50) Acenaphthylene	14.157	152	145455	4.087	ng/u1	98
52) Acenaphthene	14.498	153	80814	3.129	ng/u1	99
56) Dibenzofuran	14.833	168	127541	3.542	ng/u1	99
61) Fluorene	15.480	166	186765	6.294	ng/u1	98
72) Phenanthrene	17.215	178	2580164	61.281	ng/u1	99
74) Anthracene	17.309	178	873486	20.290	ng/u1	100
80) Fluoranthene	19.227	202	3680450	80.467	ng/u1	99
82) Pyrene	19.586	202	1257743	26.170	ng/u1	100
85) Benzo(a)anthracene	21.327	228	1525879	34.401	ng/u1	98
87) Chrysene	21.380	228	1072615	24.806	ng/u1	97
90) Benzo(b)fluoranthene	22.933	252	1309513	26.525	ng/u1	99
91) Benzo(k)fluoranthene	22.974	252	465770m	9.817	ng/u1	
93) Benzo(a)pyrene	23.509	252	227137	5.117	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	25.909	276	227089	4.064	ng/u1	93
95) Dibenzo(a,h)anthracene	25.909	278	159515	3.443	ng/u1#	93

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

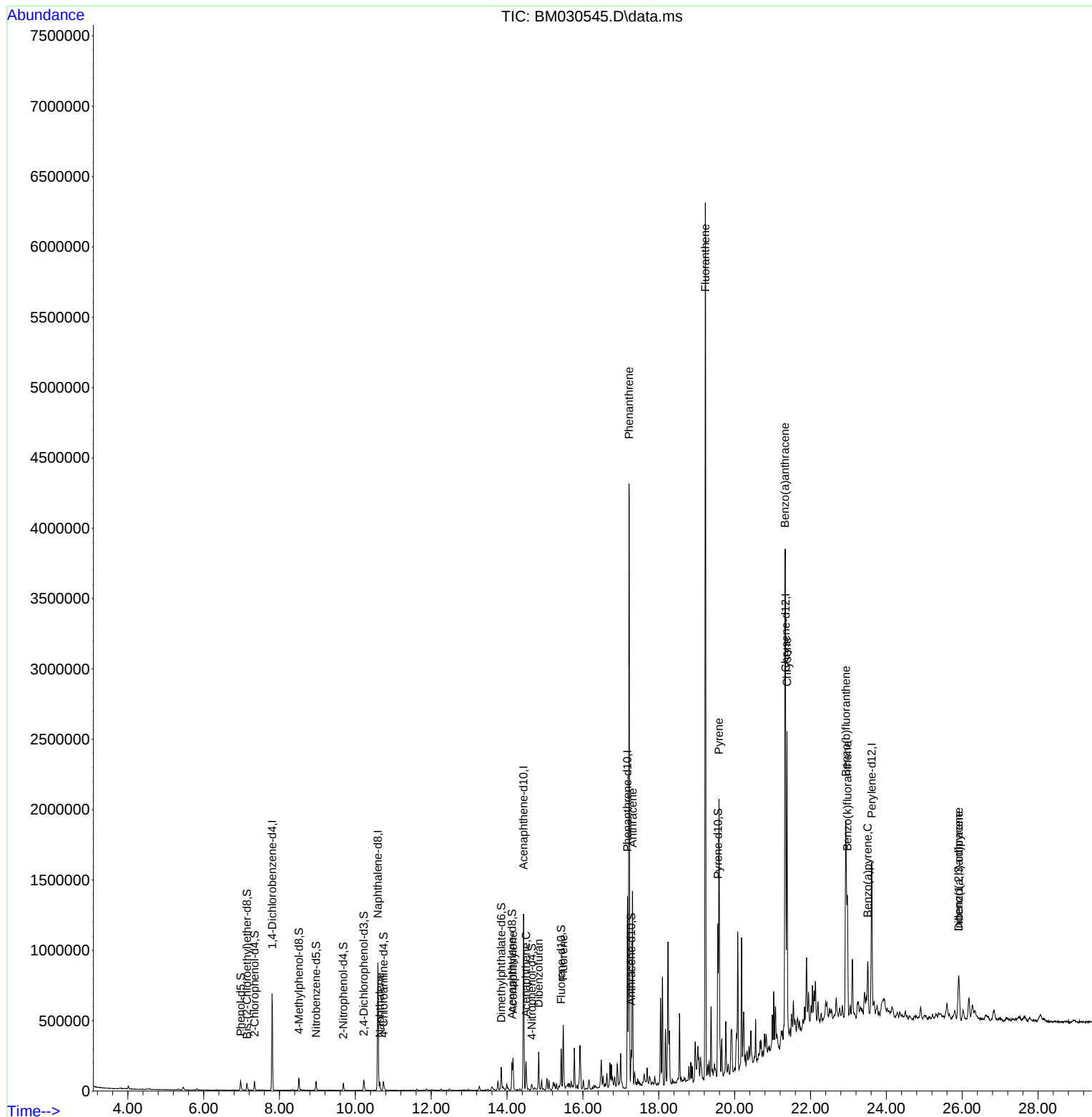
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Data File : BM030545.D
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Operator : CG/JU
Sample : M2662-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

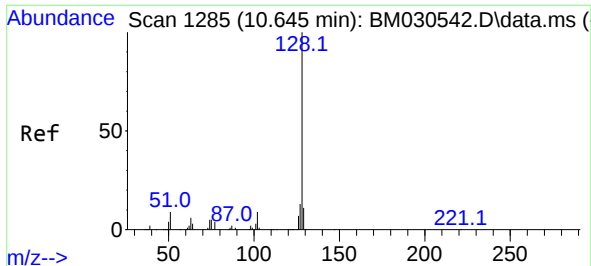
Instrument :
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ClientSampleId :
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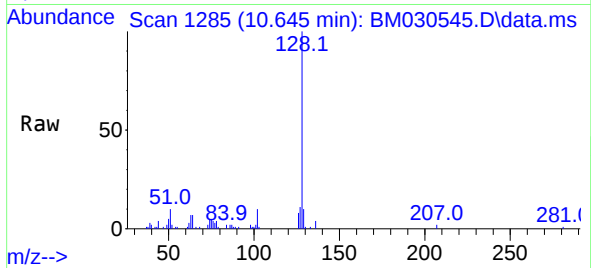
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
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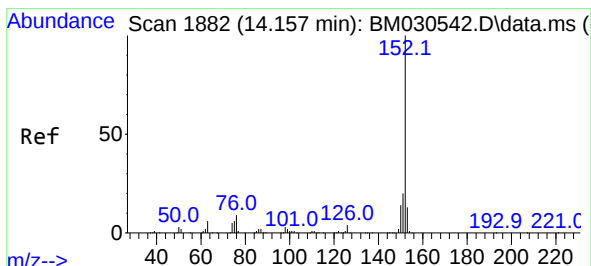
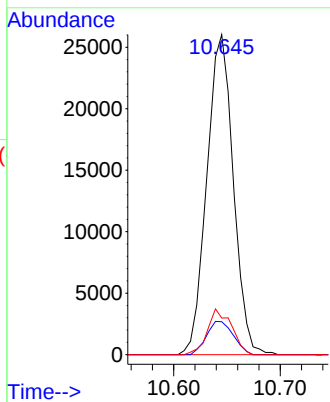
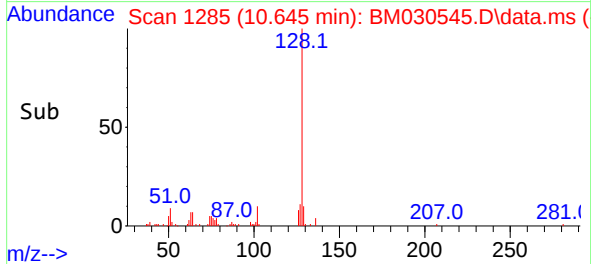




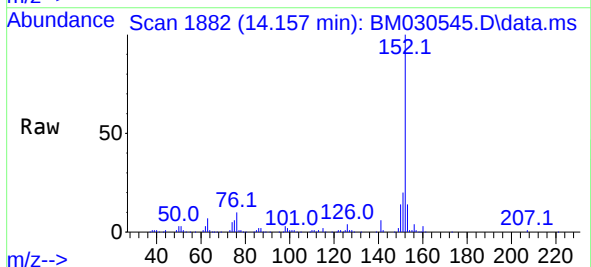
#30
Naphthalene
Concen: 1.222 ng/ul
RT: 10.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM030545.D
Acq: 23 Jun 2021 09:54



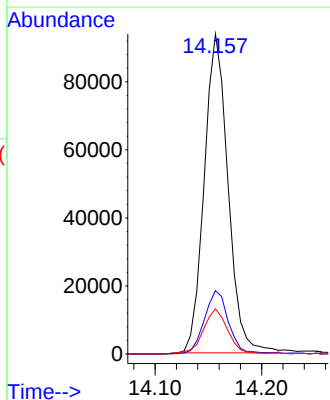
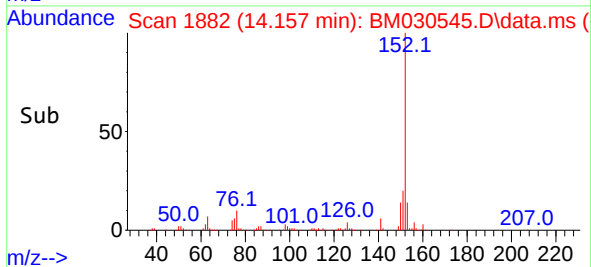
Tgt Ion:128 Resp: 45009
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.4
127 11.5 10.6 15.8



#50
Acenaphthylene
Concen: 4.087 ng/ul
RT: 14.157 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM030545.D
Acq: 23 Jun 2021 09:54



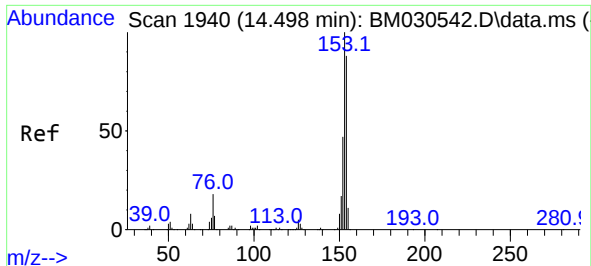
Tgt Ion:152 Resp: 145455
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 14.0 10.2 15.4



Instrument :
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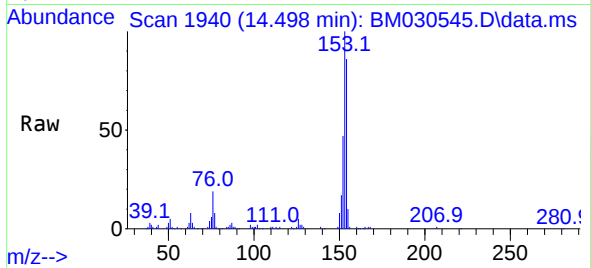
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#52
Acenaphthene
Concen: 3.129 ng/ul
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM030545.D
Acq: 23 Jun 2021 09:54

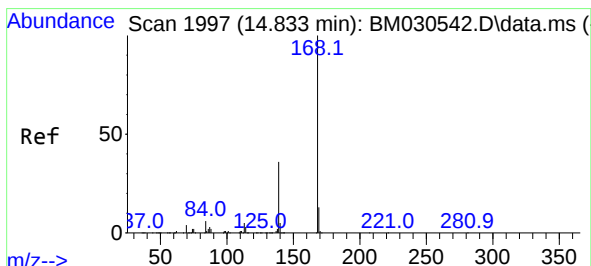
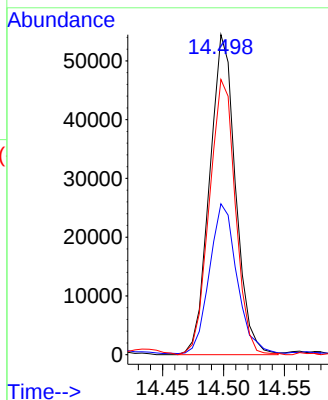
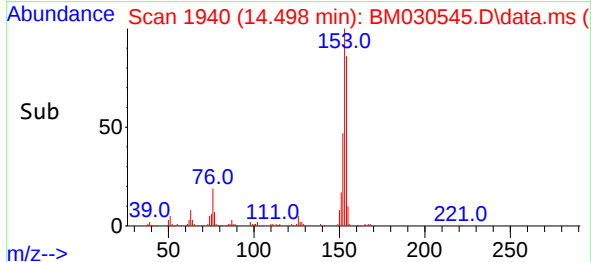
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ClientSampleId :
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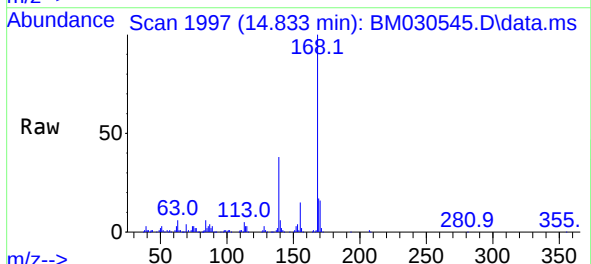
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Ion Ratio Lower Upper
153 100
152 47.2 37.4 56.2
154 86.0 69.4 104.0

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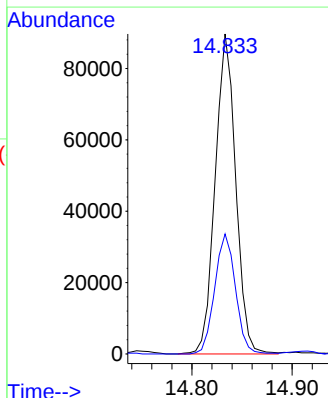
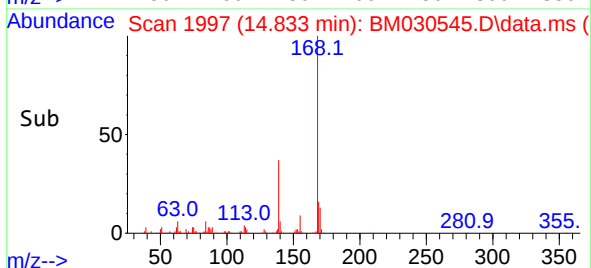
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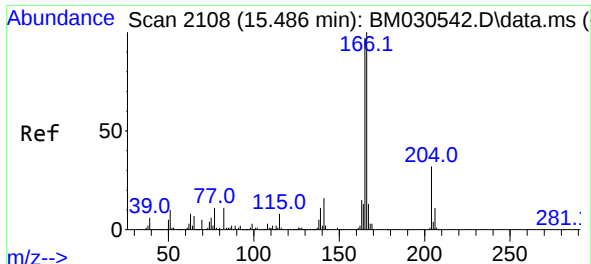


#56
Dibenzofuran
Concen: 3.542 ng/ul
RT: 14.833 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM030545.D
Acq: 23 Jun 2021 09:54



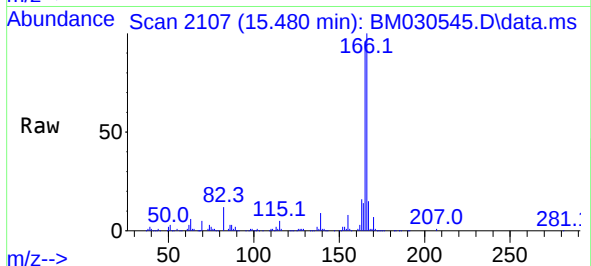
Tgt Ion:168 Resp: 127541
Ion Ratio Lower Upper
168 100
139 37.5 29.5 44.3





#61
Fluorene
Concen: 6.294 ng/ul
RT: 15.480 min Scan# 2107
Delta R.T. -0.012 min
Lab File: BM030545.D
Acq: 23 Jun 2021 09:54

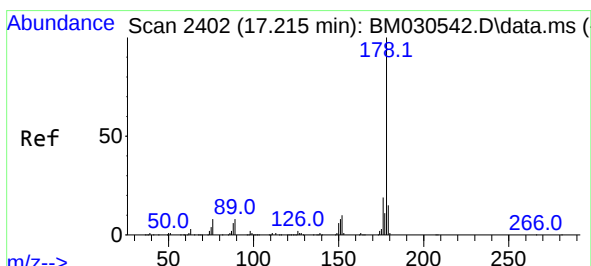
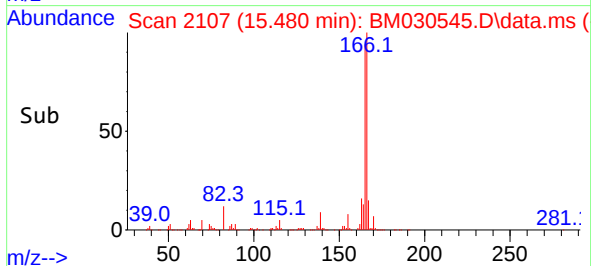
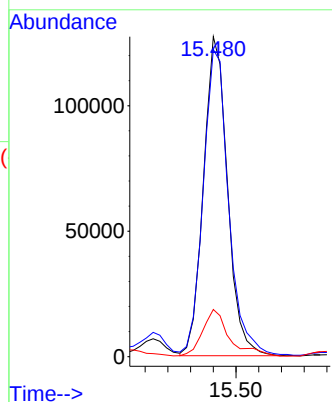
Instrument :
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ClientSampleId :
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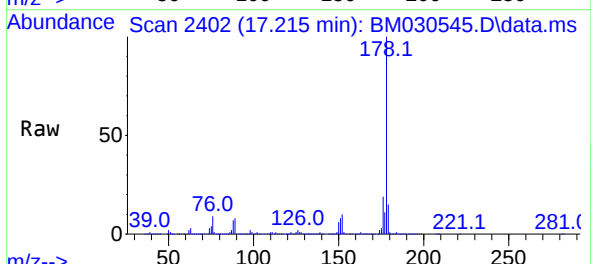
Tgt Ion:166 Resp: 186765
Ion Ratio Lower Upper
166 100
165 96.0 78.4 117.6
167 14.8 10.6 15.8

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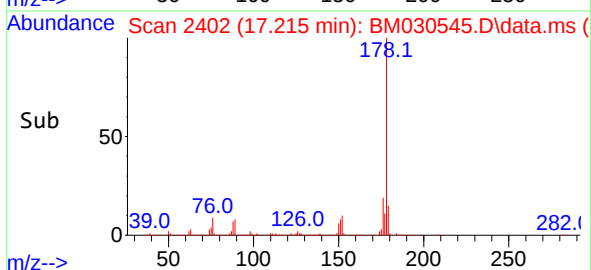
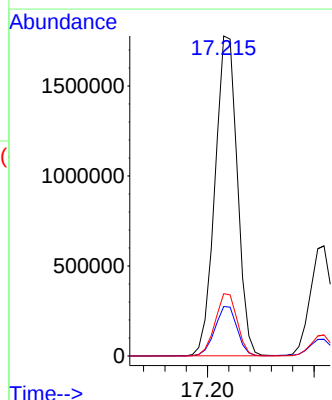
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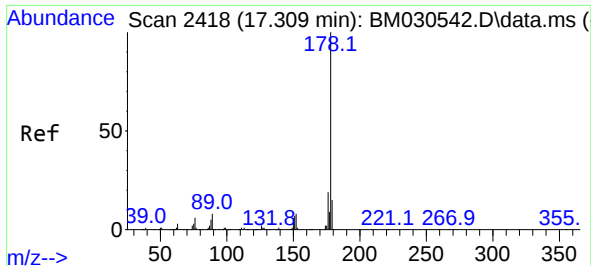


#72
Phenanthrene
Concen: 61.281 ng/ul
RT: 17.215 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM030545.D
Acq: 23 Jun 2021 09:54

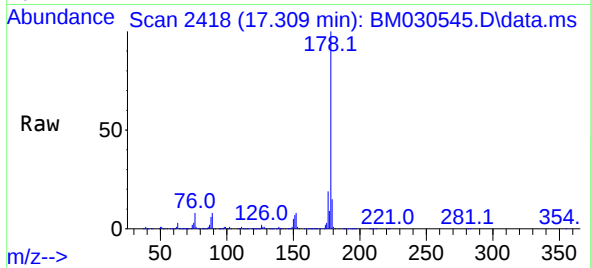


Tgt Ion:178 Resp: 2580164
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 19.4 15.2 22.8

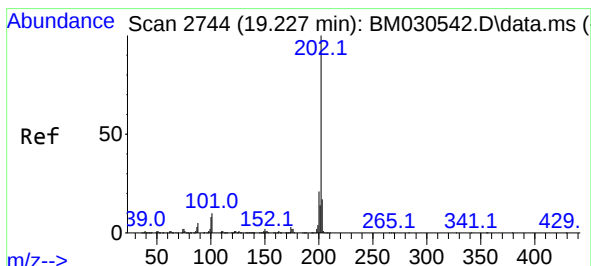
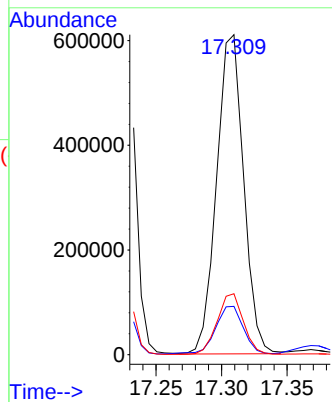
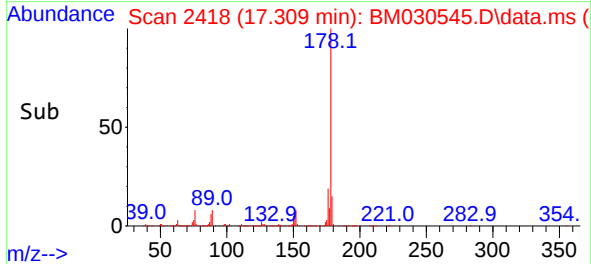




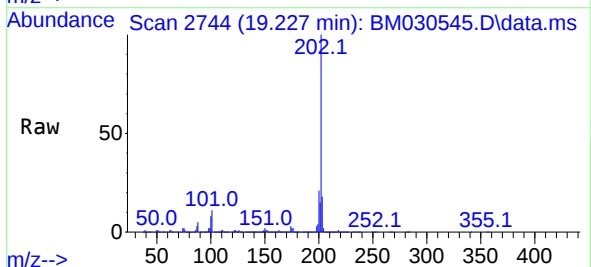
#74
 Anthracene
 Concen: 20.290 ng/ul
 RT: 17.309 min Scan# 2418
 Delta R.T. -0.006 min
 Lab File: BM030545.D
 Acq: 23 Jun 2021 09:54



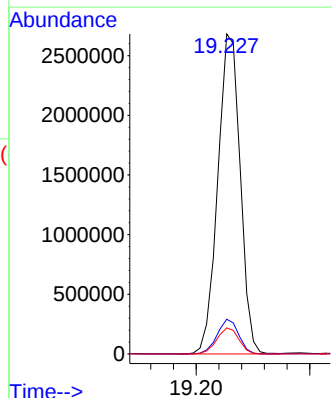
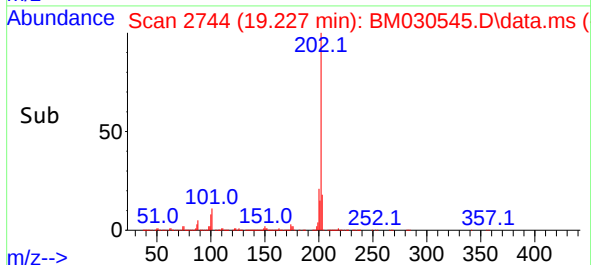
Tgt Ion:178 Resp: 873486
 Ion Ratio Lower Upper
 178 100
 179 15.1 12.1 18.1
 176 19.0 15.2 22.8



#80
 Fluoranthene
 Concen: 80.467 ng/ul
 RT: 19.227 min Scan# 2744
 Delta R.T. -0.006 min
 Lab File: BM030545.D
 Acq: 23 Jun 2021 09:54



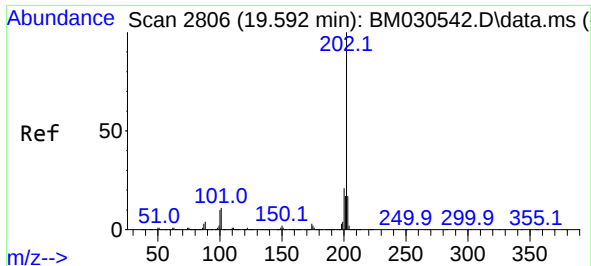
Tgt Ion:202 Resp: 3680450
 Ion Ratio Lower Upper
 202 100
 101 10.9 8.8 13.2
 100 8.1 6.8 10.2



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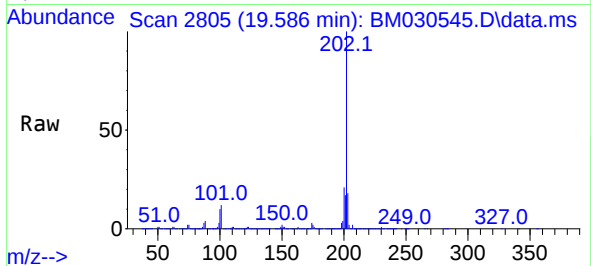
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#82
Pyrene
Concen: 26.170 ng/ul
RT: 19.586 min Scan# 2805
Delta R.T. -0.012 min
Lab File: BM030545.D
Acq: 23 Jun 2021 09:54

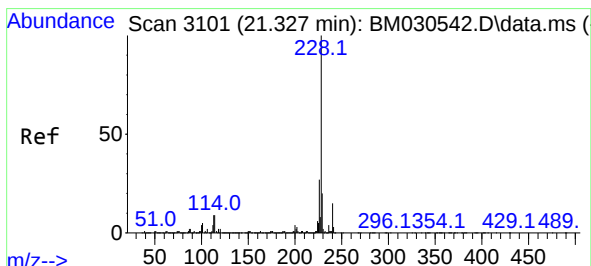
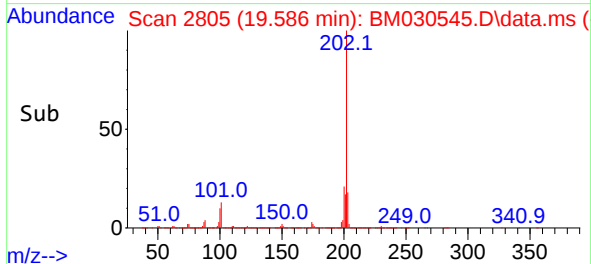
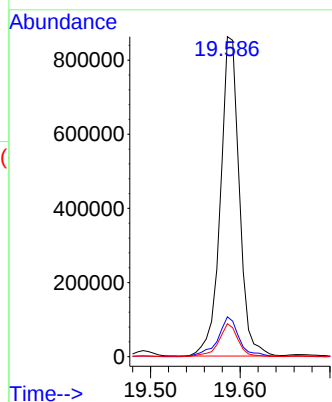
Instrument :
BNA_M
ClientSampleId :
BGDF4DL



Tgt Ion:202 Resp: 1257743
Ion Ratio Lower Upper
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101 12.5 10.0 15.0
100 10.3 8.5 12.7

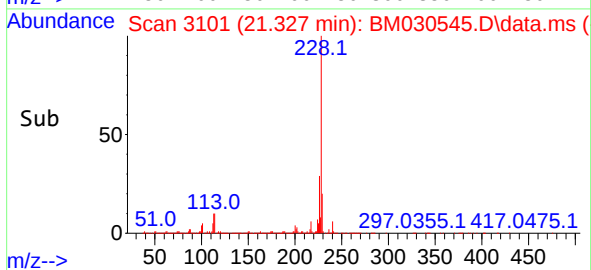
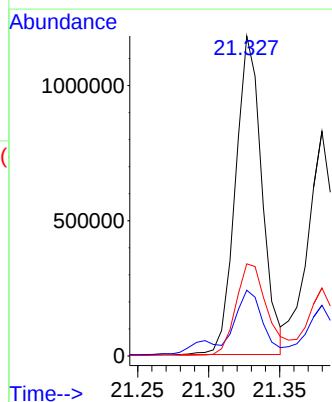
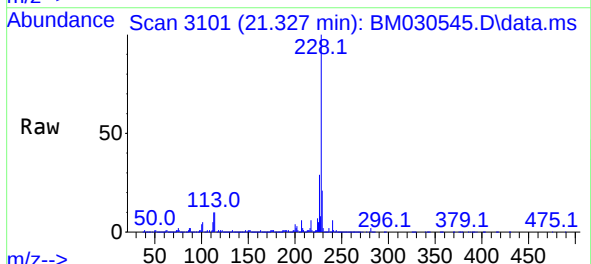
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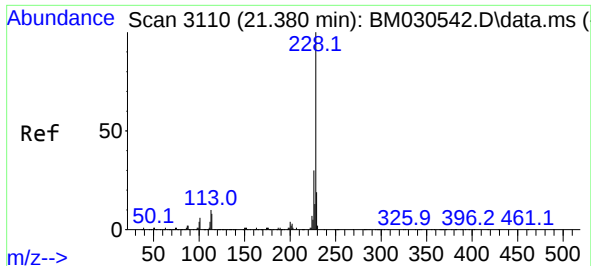
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#85
Benzo(a)anthracene
Concen: 34.401 ng/ul
RT: 21.327 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM030545.D
Acq: 23 Jun 2021 09:54

Tgt Ion:228 Resp: 1525879
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 28.8 22.2 33.2





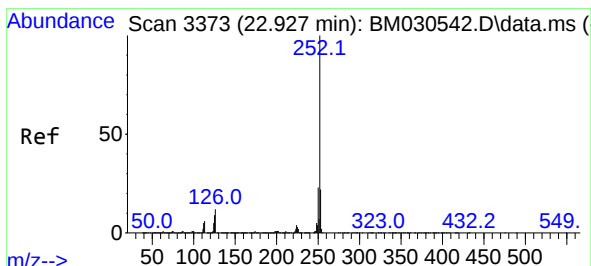
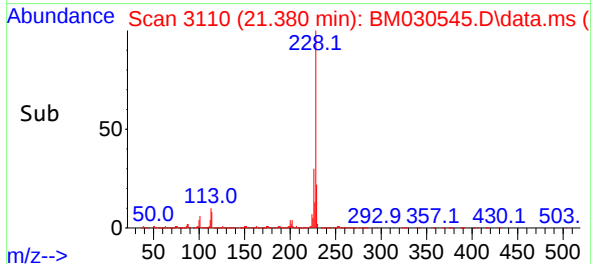
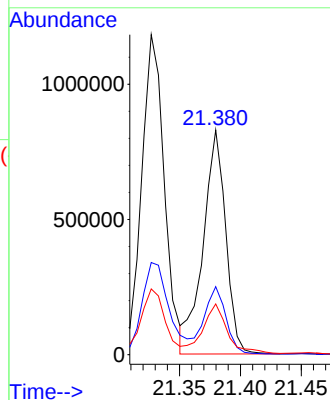
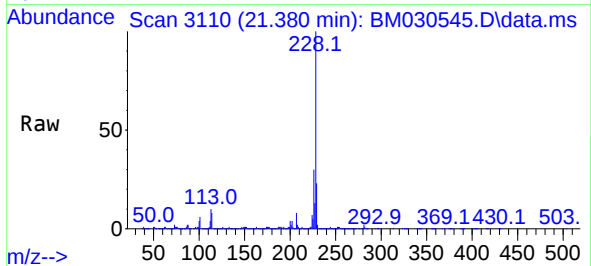
#87
Chrysene
Concen: 24.806 ng/u1
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM030545.D
Acq: 23 Jun 2021 09:54

Tgt Ion:228 Resp: 1072615
Ion Ratio Lower Upper
228 100
226 30.3 23.6 35.4
229 22.6 15.9 23.9

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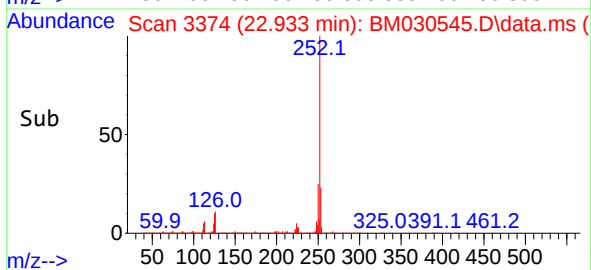
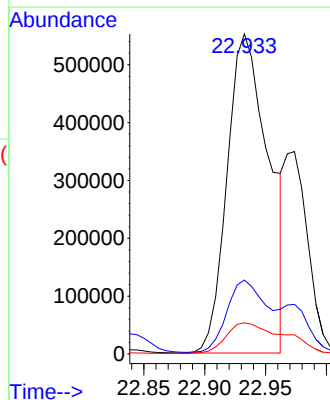
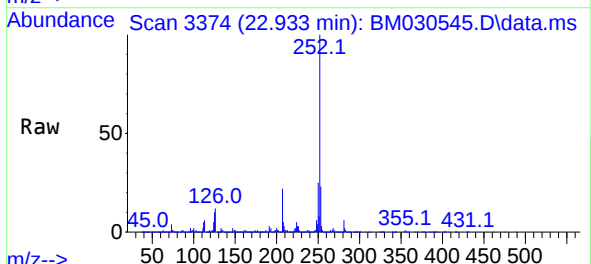
Manual Integrations
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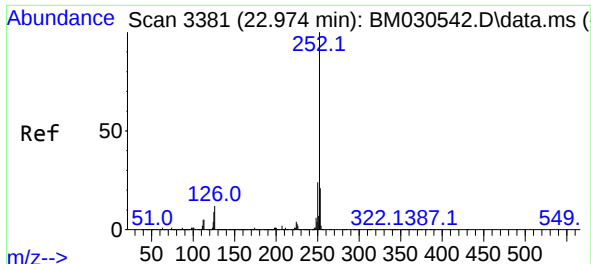
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#90
Benzo(b)fluoranthene
Concen: 26.525 ng/u1
RT: 22.933 min Scan# 3374
Delta R.T. -0.006 min
Lab File: BM030545.D
Acq: 23 Jun 2021 09:54

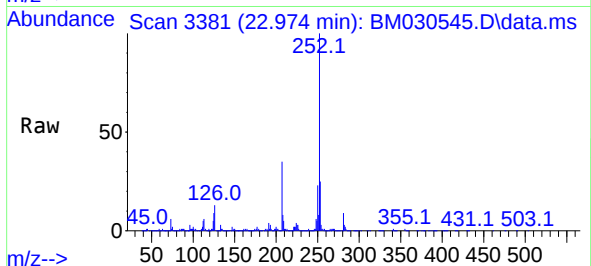
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Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 9.7 7.7 11.5





#91
Benzo(k)fluoranthene
Concen: 9.817 ng/ul m
RT: 22.974 min Scan# 3381
Delta R.T. -0.012 min
Lab File: BM030545.D
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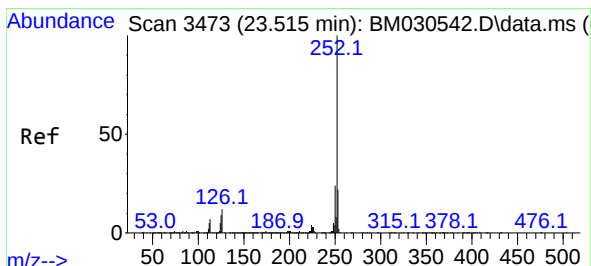
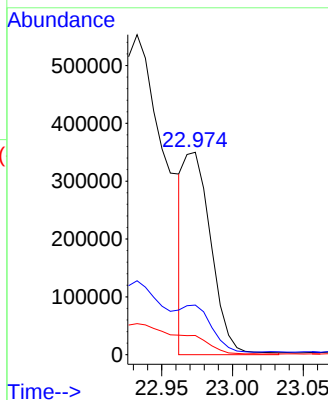
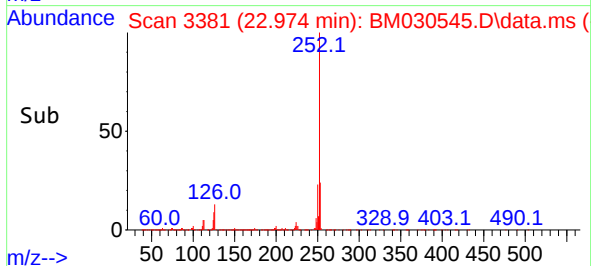
Instrument :
BNA_M
ClientSampleId :
BGDF4DL



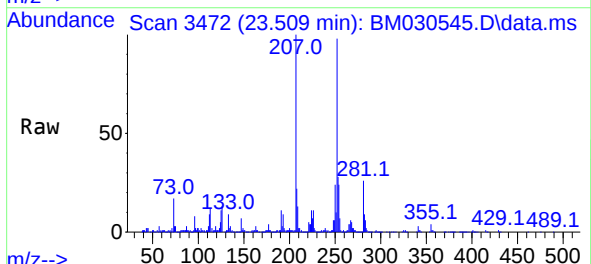
Tgt Ion:252 Resp: 465770
Ion Ratio Lower Upper
252 100
253 24.5 17.4 26.2
125 9.5 7.9 11.9

Manual Integrations
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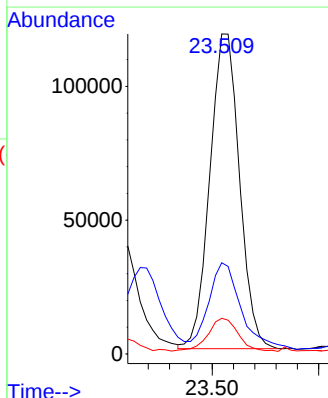
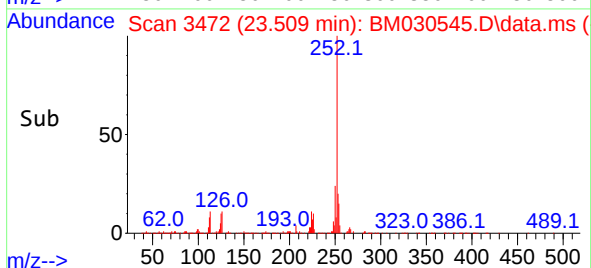
mohammad
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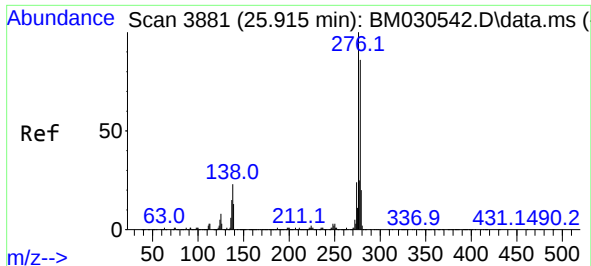


#93
Benzo(a)pyrene
Concen: 5.117 ng/ul
RT: 23.509 min Scan# 3472
Delta R.T. -0.018 min
Lab File: BM030545.D
Acq: 23 Jun 2021 09:54



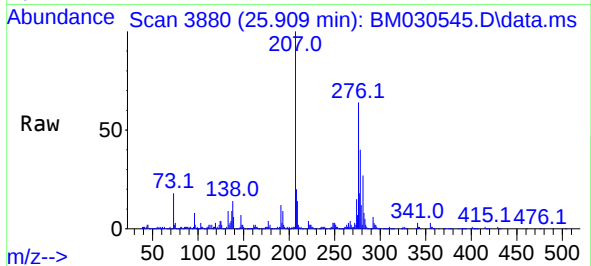
Tgt Ion:252 Resp: 227137
Ion Ratio Lower Upper
252 100
253 28.5 17.5 26.3#
125 11.1 8.6 13.0





#94
Indeno(1,2,3-cd)pyrene
Concen: 4.064 ng/ul
RT: 25.909 min Scan# 3880
Delta R.T. -0.024 min
Lab File: BM030545.D
Acq: 23 Jun 2021 09:54

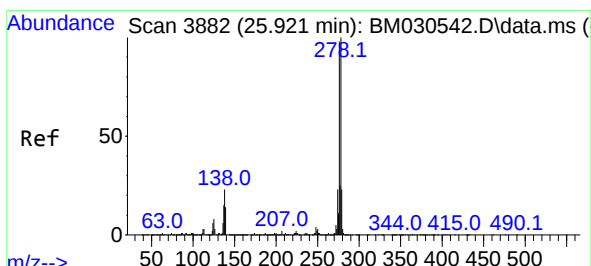
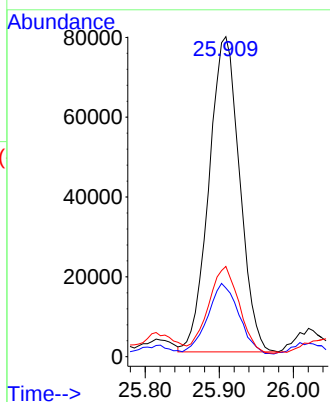
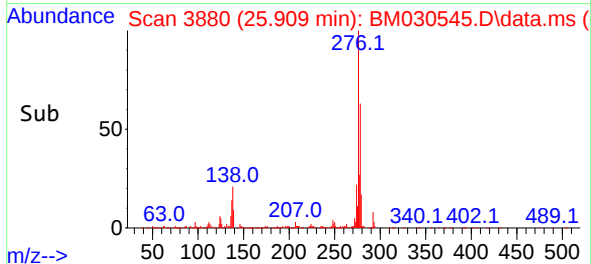
Instrument :
BNA_M
ClientSampleId :
BGDF4DL



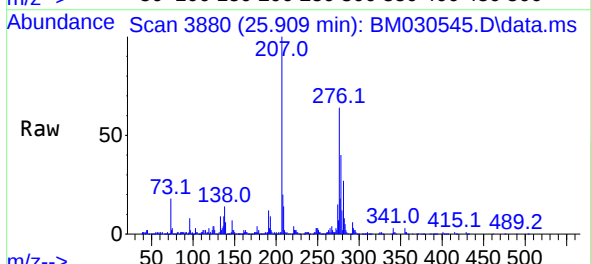
Tgt Ion:276 Resp: 227089
Ion Ratio Lower Upper
276 100
138 21.4 19.5 29.3
277 28.2 19.6 29.4

Manual Integrations
APPROVED

mohammad
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#95
Dibenzo(a,h)anthracene
Concen: 3.443 ng/ul
RT: 25.909 min Scan# 3880
Delta R.T. -0.030 min
Lab File: BM030545.D
Acq: 23 Jun 2021 09:54



Tgt Ion:278 Resp: 159515
Ion Ratio Lower Upper
278 100
139 15.1 12.8 19.2
279 29.3 19.1 28.7#

