

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
 Data File : BM029927.D
 Acq On : 11 May 2021 05:12
 Operator : CG/JU
 Sample : M2177-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG514

Manual Integrations
 APPROVED

mohammad
 5/11/2021 2:33:39 PM

Quant Time: May 11 05:50:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 11 05:09:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	165304	20.00	ng/ul	0.00
20) Naphthalene-d8	10.32	136	719008	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	465652	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.94	188	931845	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	783000	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	701615	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	12971	3.13	ng/uL	0.00
4) Pyridine-d5	3.51	84	62268m	6.01	ng/ul	0.03
7) Phenol-d5	6.74	99	224381	14.60	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	149540	15.69	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	192480	16.22	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	185862	14.62	ng/ul	0.00
21) Nitrobenzene-d5	8.70	128	86976	17.55	ng/ul	0.00
24) 2-Nitrophenol-d4	9.42	143	96846	17.32	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	171618	15.30	ng/ul	0.00
31) 4-Chloroaniline-d4	10.48	131	171640	10.06	ng/ul	0.00
46) Dimethylphthalate-d6	13.62	166	634340	17.57	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	833511	18.22	ng/ul	0.00
54) 4-Nitrophenol-d4	14.44	143	43914	7.47	ng/ul	0.01
60) Fluorene-d10	15.19	176	585181	19.10	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	34958	5.78	ng/ul	0.00
73) Anthracene-d10	17.04	188	900665	19.19	ng/ul	0.00
81) Pyrene-d10	19.34	212	925426	23.04	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.16	264	734814	18.48	ng/ul	0.00

Target Compounds

					Ovalue
47) Dimethylphthalate	13.66	163	63599	1.760	ng/ul 99
52) Acenaphthene	14.26	153	166970	5.341	ng/ul 100
61) Fluorene	15.25	166	96636	2.640	ng/ul 98
72) Phenanthrene	16.99	178	2710944	49.339	ng/ul 99
74) Anthracene	17.08	178	607752	10.819	ng/ul 98
77) Carbazole	17.35	167	458373	8.906	ng/ul 97
80) Fluoranthene	19.02	202	5800178	118.648	ng/ul 97
82) Pyrene	19.37	202	5115873	99.442	ng/ul 98
85) Benzo(a)anthracene	21.12	228	2507701	49.088	ng/ul 98
86) Bis(2-ethylhexyl)phthalate	21.06	149	567772	18.011	ng/ul 99
87) Chrysene	21.17	228	2502381	49.180	ng/ul 97
90) Benzo(b)fluoranthene	22.66	252	3074289	67.551	ng/ul# 97
91) Benzo(k)fluoranthene	22.69	252	899396m	18.798	ng/ul
93) Benzo(a)pyrene	23.20	252	2132510	51.593	ng/ul 97
94) Indeno(1,2,3-cd)pyrene	25.44	276	1359814	27.181	ng/ul 96
95) Dibenzo(a,h)anthracene	25.44	278	364504	8.596	ng/ul# 81
96) Benzo(g,h,i)perylene	26.10	276	1220123	30.102	ng/ul 96

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

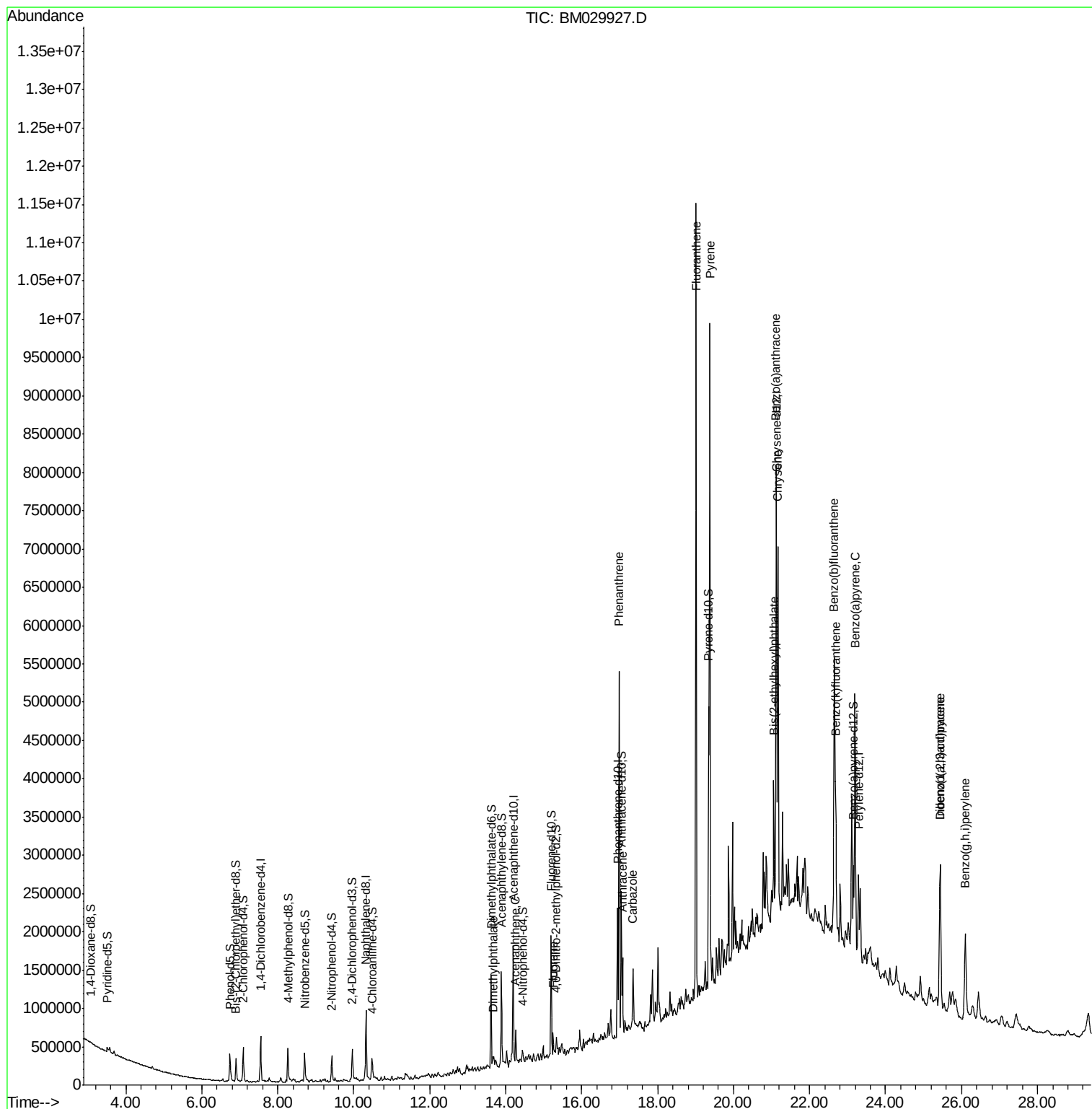
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029927.D
Acq On : 11 May 2021 05:12
Operator : CG/JU
Sample : M2177-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

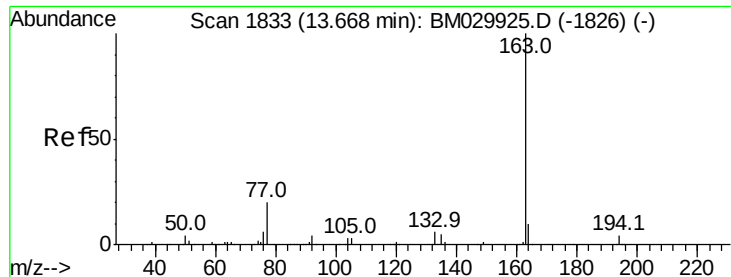
Instrument :
BNA_M
ClientSampleId :
BG514

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Quant Time: May 11 05:50:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 05:09:24 2021
Response via : Initial Calibration





#47

Dimethylphthalate

Concen: 1.760 ng/ul

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM029927.D

Acq: 11 May 2021 05:12

Instrument :

BNA_M

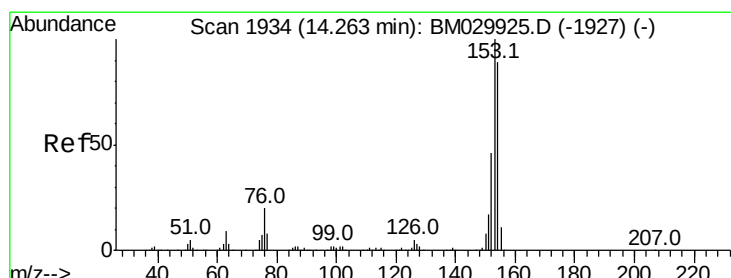
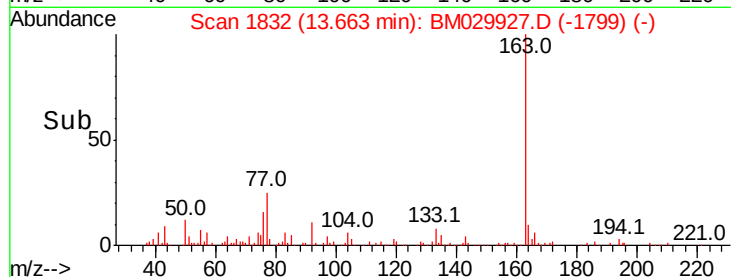
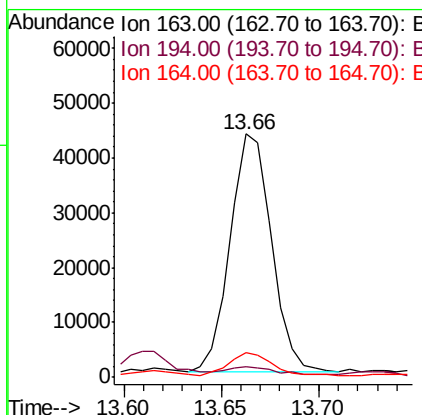
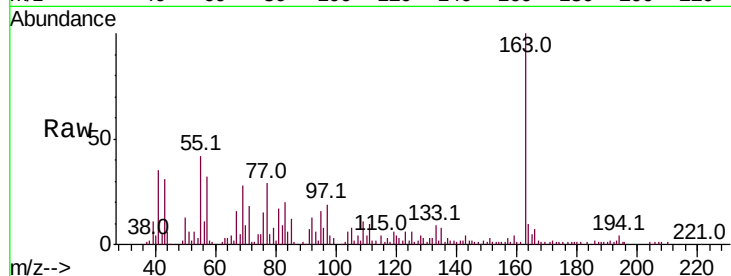
ClientSampleId :

BG514

Tot Ion:	163	Resp:	63599
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.0
164	10.1	7.8	11.8

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#52

Acenaphthene

Concen: 5.341 ng/ul

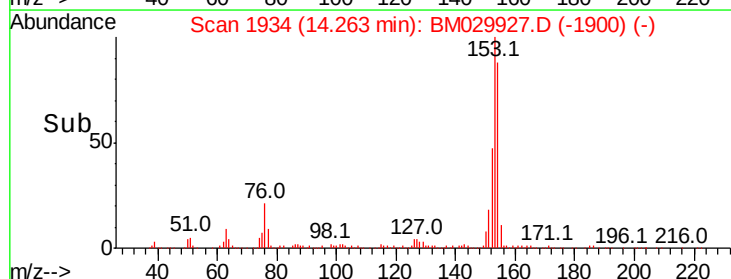
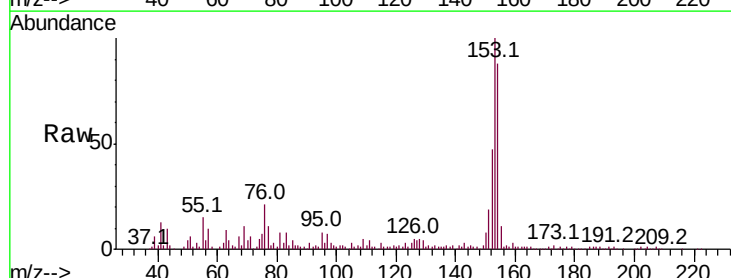
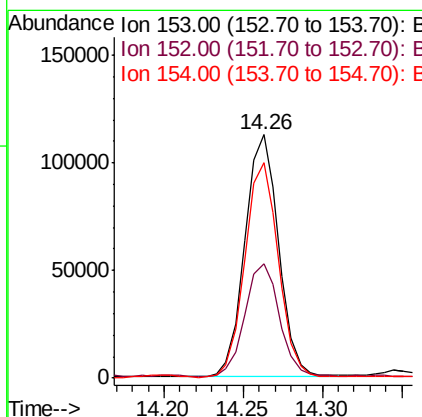
RT: 14.26 min Scan# 1934

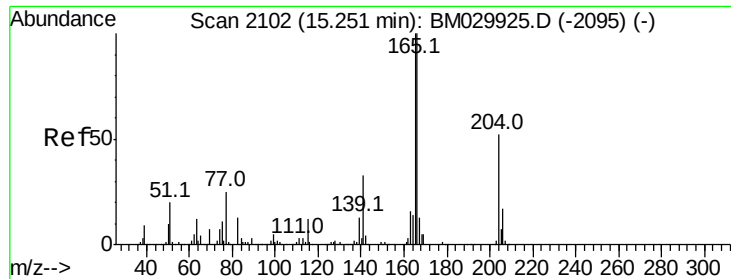
Delta R.T. 0.00 min

Lab File: BM029927.D

Acq: 11 May 2021 05:12

Tgt Ion:	153	Resp:	166970
Ion Ratio	Lower	Upper	
153	100		
152	47.2	37.7	56.5
154	88.3	70.2	105.4





#61

Fluorene

Concen: 2.640 ng/ul

RT: 15.25 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BM029927.D

Acq: 11 May 2021 05:12

Instrument :

BNA_M

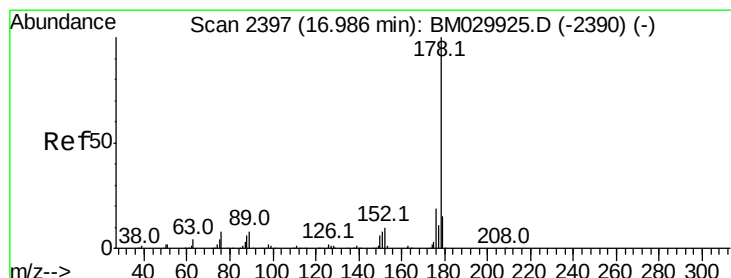
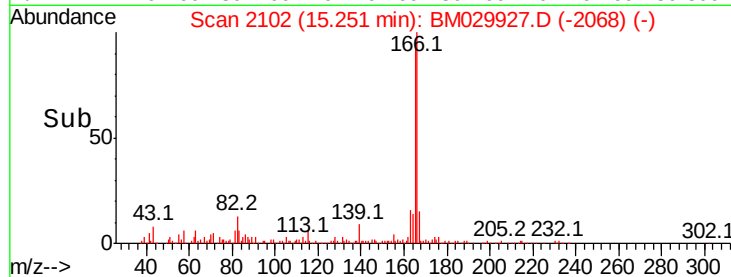
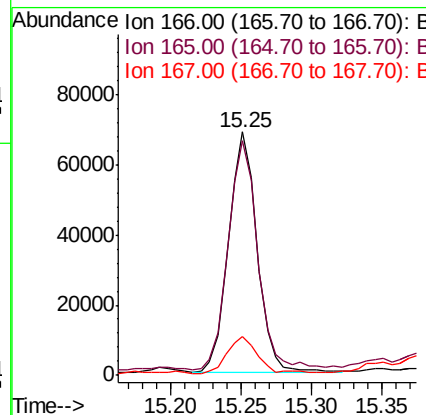
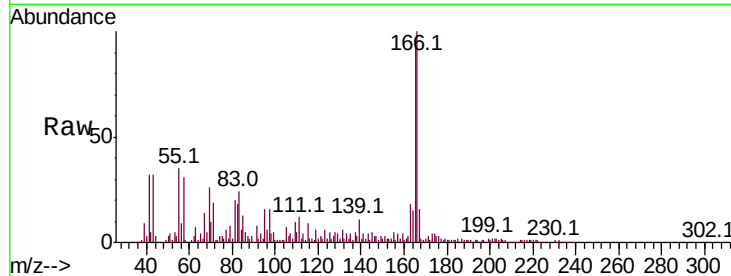
ClientSampleId :

BG514

Tot Ion:	166	Resp:	96636
Ion Ratio	Lower	Upper	
166	100		
165	96.6	78.4	117.6
167	16.1	10.9	16.3

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#72

Phenanthrene

Concen: 49.339 ng/ul

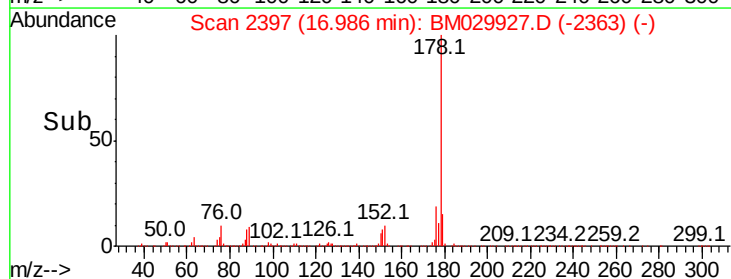
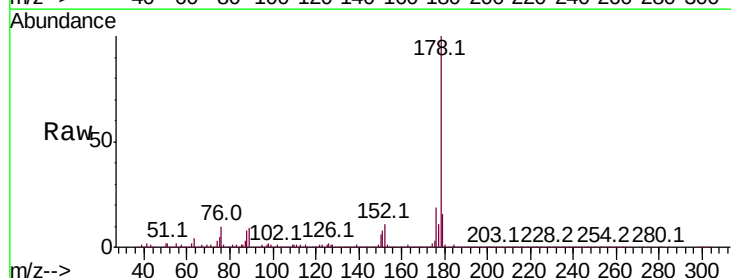
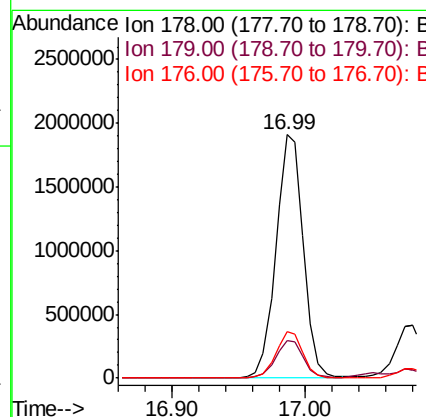
RT: 16.99 min Scan# 2397

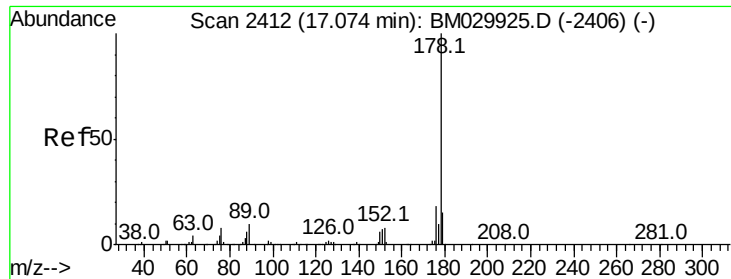
Delta R.T. 0.00 min

Lab File: BM029927.D

Acq: 11 May 2021 05:12

Tgt Ion:	178	Resp:	2710944
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.2	18.4
176	19.1	15.0	22.4





#74

Anthracene

Concen: 10.819 ng/ul

RT: 17.08 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BM029927.D

Acq: 11 May 2021 05:12

Instrument :

BNA_M

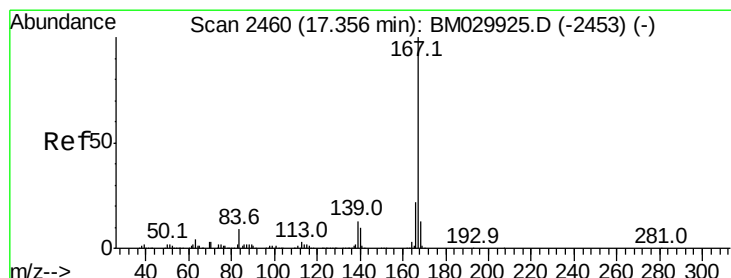
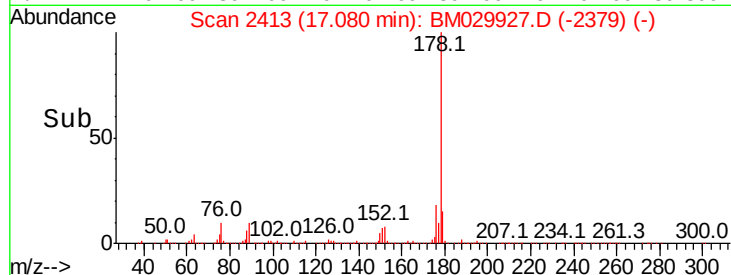
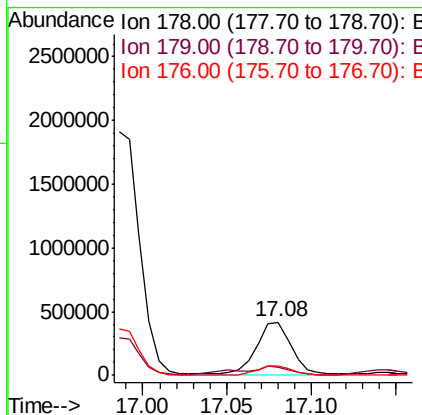
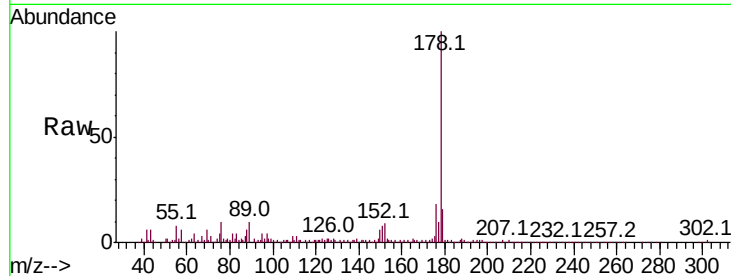
ClientSampled :

BG514

Tot Ion:	178	Resp:	607752
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.2	18.2
176	17.9	14.9	22.3

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#77

Carbazole

Concen: 8.906 ng/ul

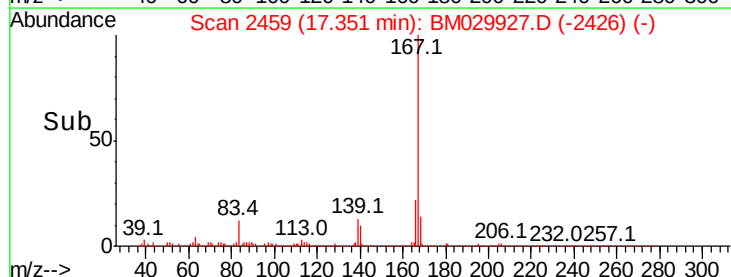
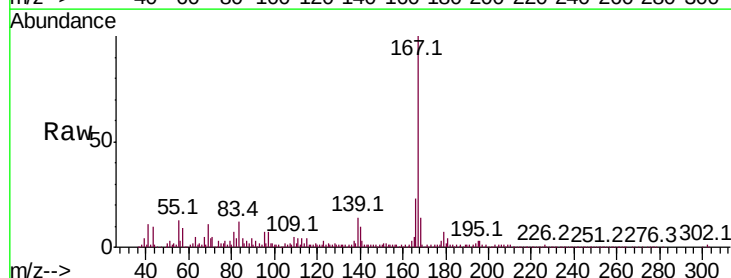
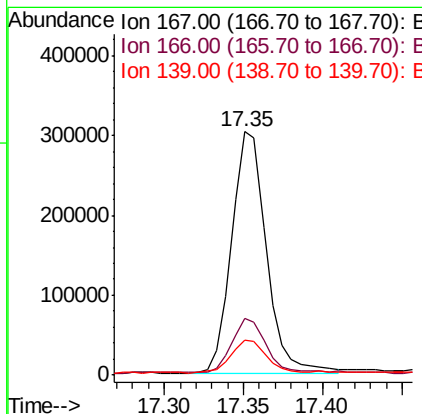
RT: 17.35 min Scan# 2459

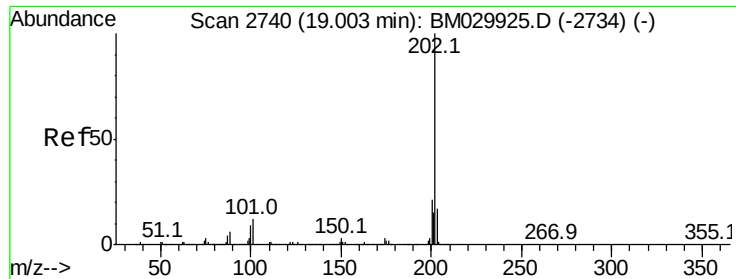
Delta R.T. -0.01 min

Lab File: BM029927.D

Acq: 11 May 2021 05:12

Tgt Ion:	167	Resp:	458373
Ion Ratio	Lower	Upper	
167	100		
166	23.1	17.6	26.4
139	14.2	10.2	15.2





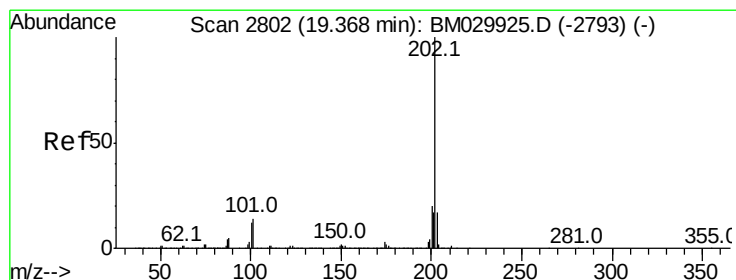
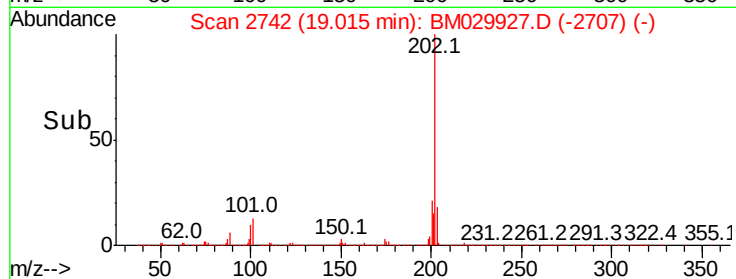
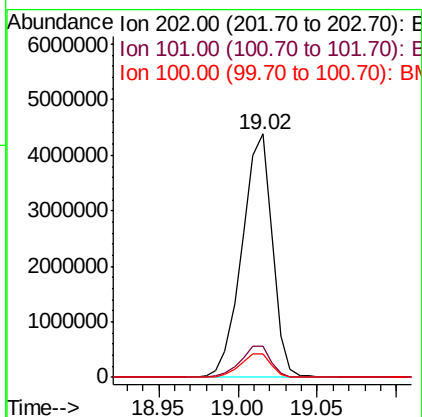
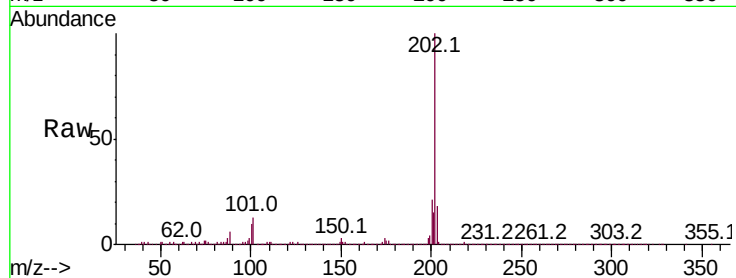
#80
Fluoranthene
Concen: 118.648 ng/ul
RT: 19.02 min Scan# 2742
Delta R.T. 0.01 min
Lab File: BM029927.D
Acq: 11 May 2021 05:12

Instrument :
BNA_M
ClientSampleId :
BG514

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.0	13.4
100	9.6	7.0	10.6

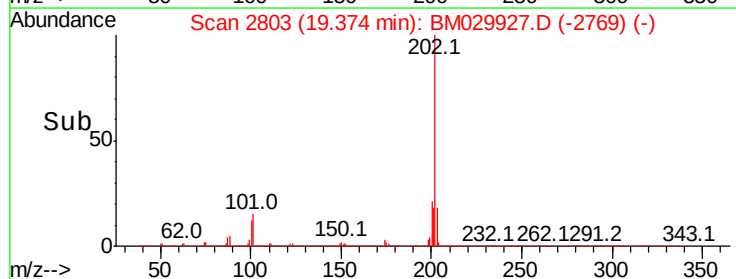
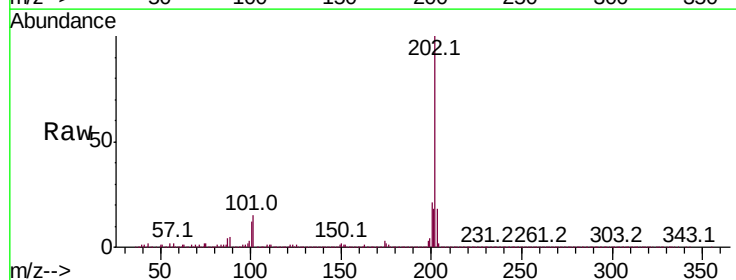
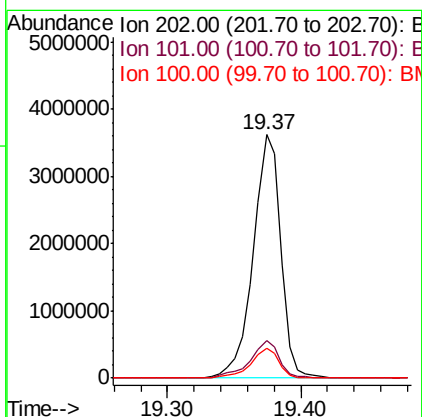
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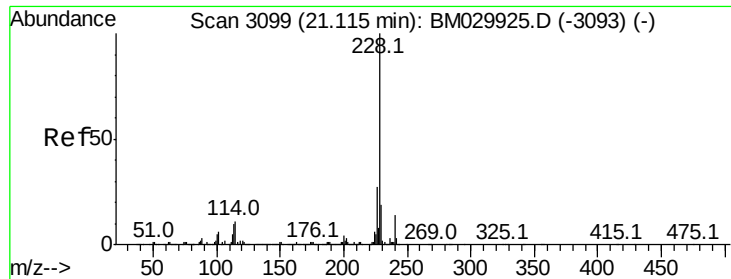
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#82
Pyrene
Concen: 99.442 ng/ul
RT: 19.37 min Scan# 2803
Delta R.T. 0.00 min
Lab File: BM029927.D
Acq: 11 May 2021 05:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.2	11.8	17.6
100	12.5	9.2	13.8





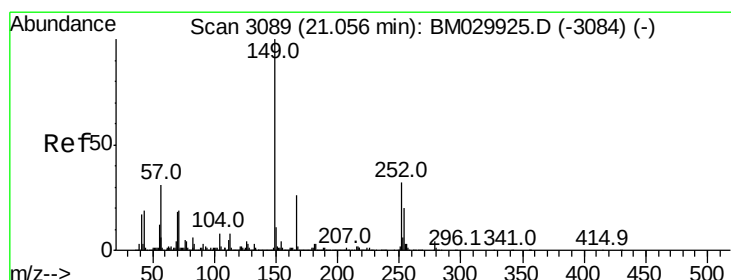
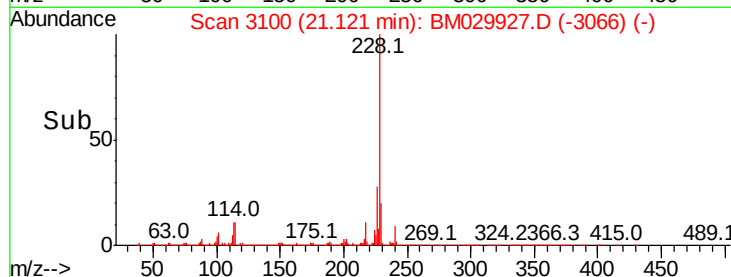
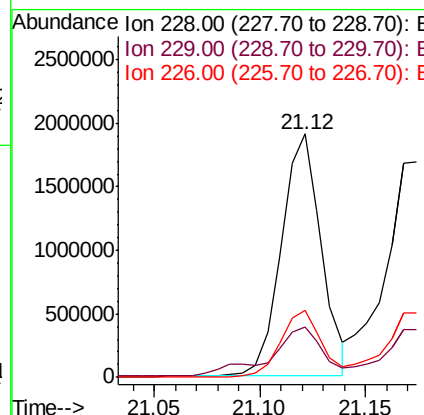
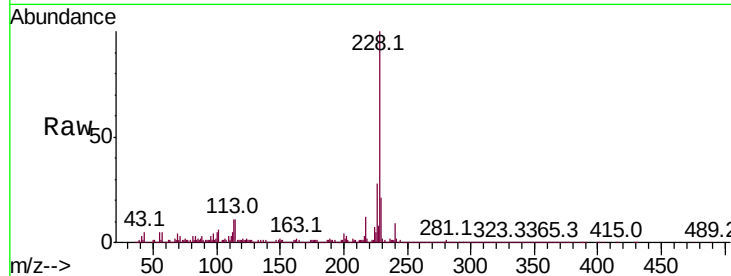
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Benzo(a)anthracene
Concen: 49.088 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BM029927.D
Acq: 11 May 2021 05:12

Instrument :
BNA_M
ClientSampled :
BG514

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.9	23.9
226	27.8	21.4	32.0

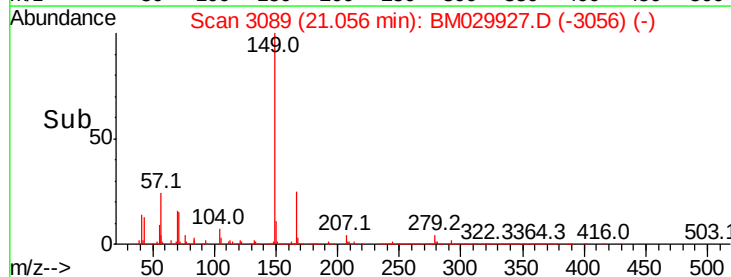
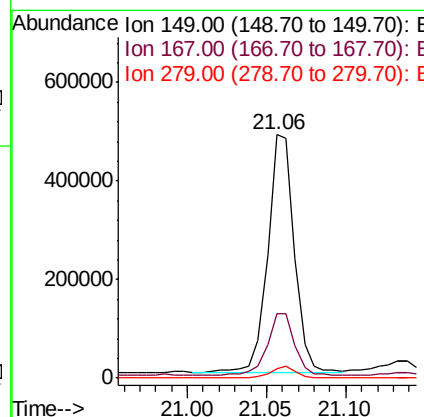
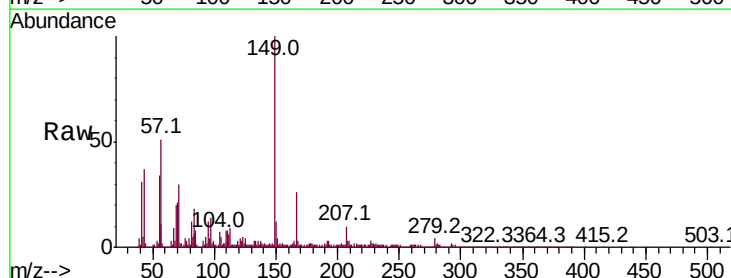
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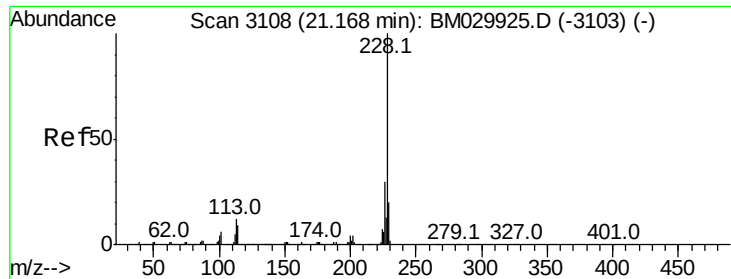
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#86
Bis(2-ethylhexyl)phthalate
Concen: 18.011 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM029927.D
Acq: 11 May 2021 05:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.1	31.7
279	3.9	3.5	5.3





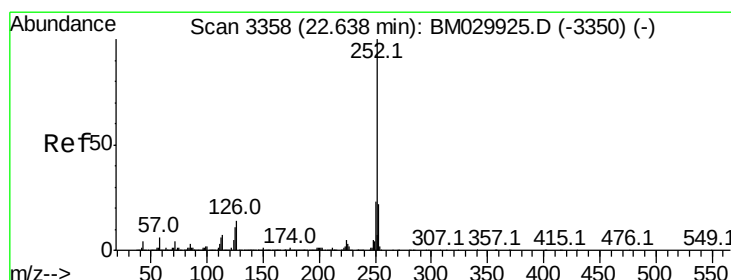
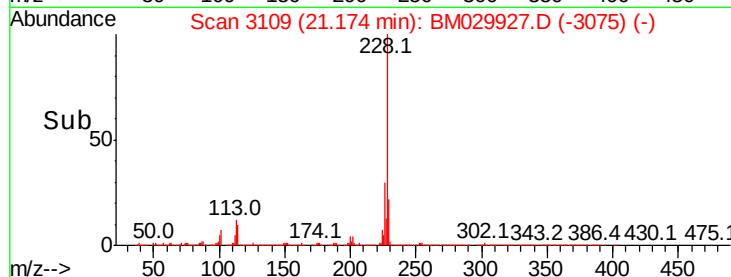
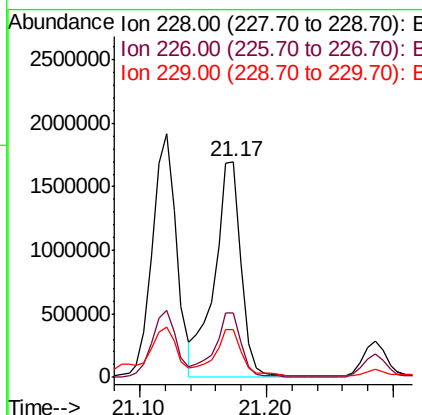
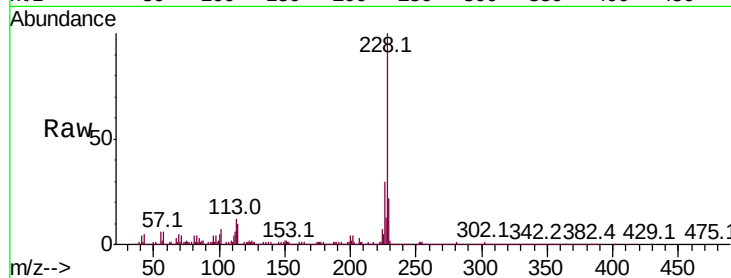
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Chrysene
Concen: 49.180 ng/ul
RT: 21.17 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BM029927.D
Acq: 11 May 2021 05:12

Instrument :
BNA_M
ClientSampleId :
BG514

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	22.3	15.6	23.4

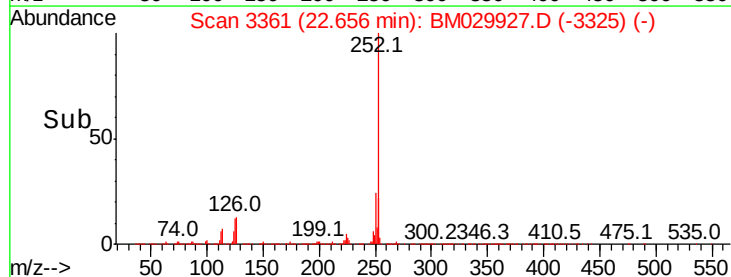
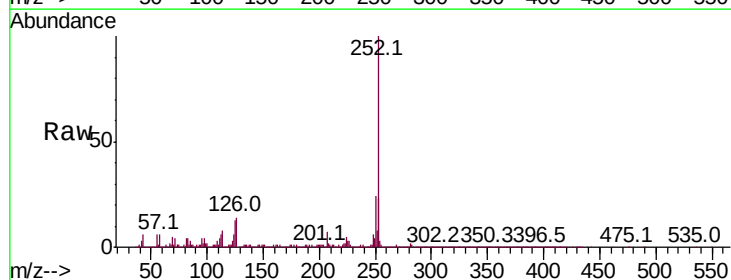
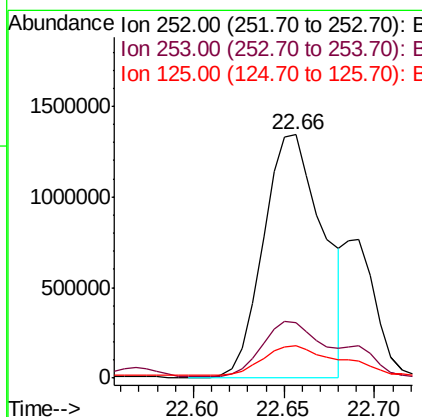
Manual Integrations
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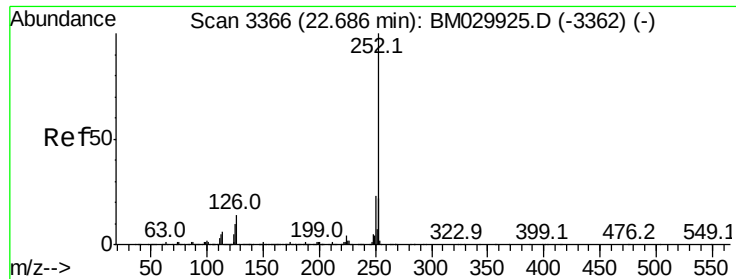
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#90
Benzo(b)fluoranthene
Concen: 67.551 ng/ul
RT: 22.66 min Scan# 3361
Delta R.T. 0.01 min
Lab File: BM029927.D
Acq: 11 May 2021 05:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	13.1	8.6	12.8





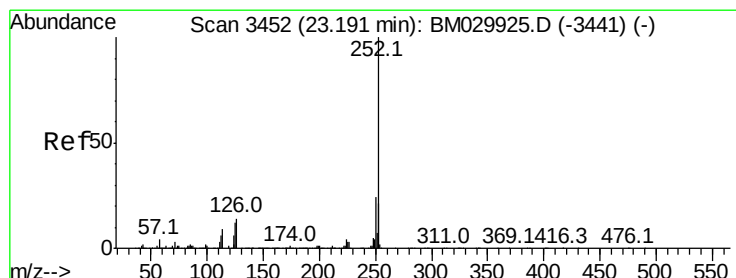
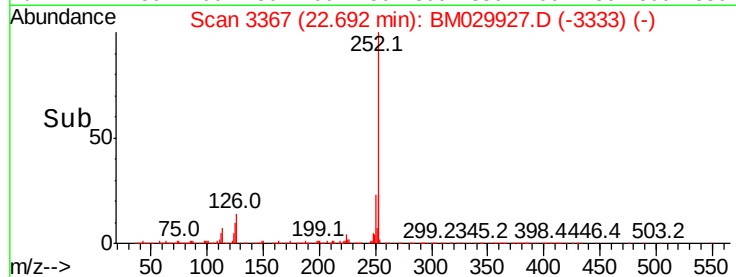
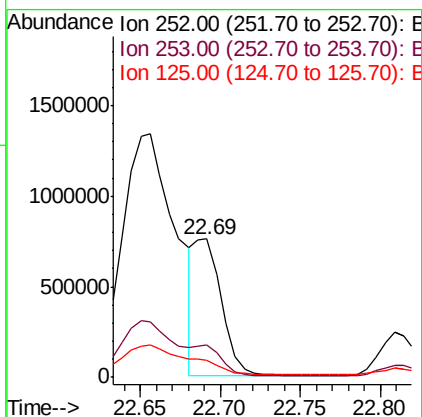
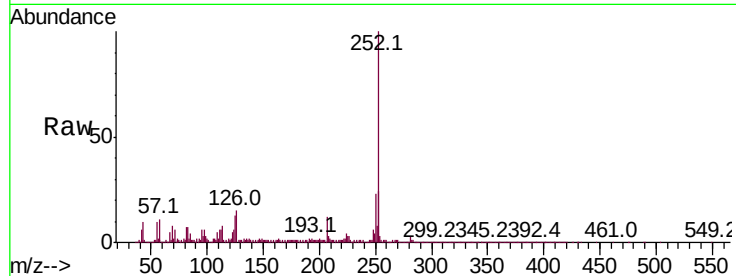
#91
Benzo(k)fluoranthene
Concen: 18.798 ng/ul m
RT: 22.69 min Scan# 3367
Delta R.T. 0.00 min
Lab File: BM029927.D
Acq: 11 May 2021 05:12

Instrument :
BNA_M
ClientSampleId :
BG514

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	12.8	8.4	12.6

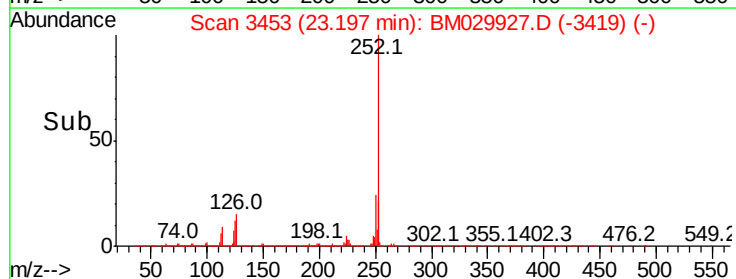
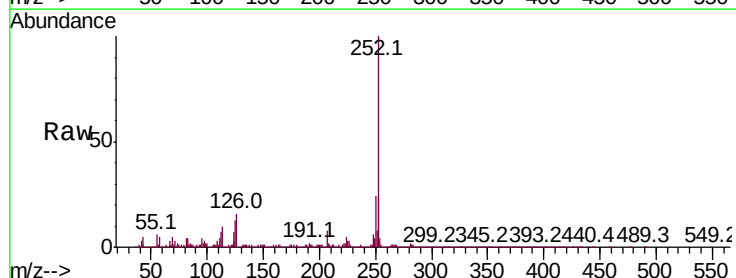
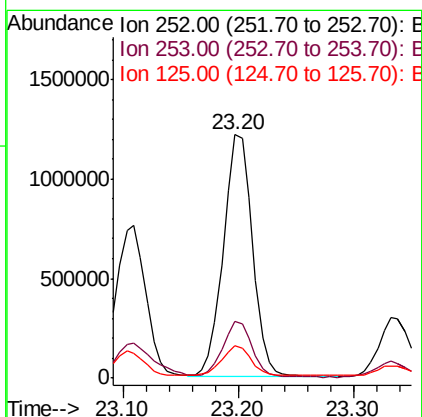
Manual Integrations
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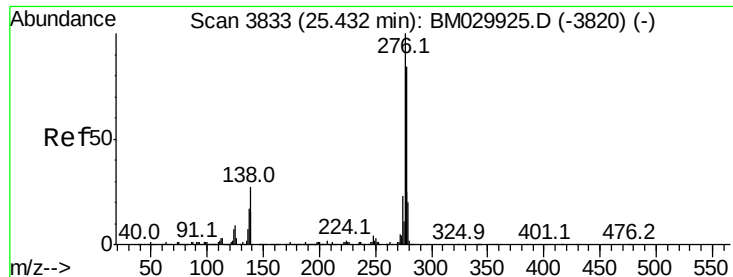
mohammad
5/11/2021 2:33:39 PM



#93
Benzo(a)pyrene
Concen: 51.593 ng/ul
RT: 23.20 min Scan# 3453
Delta R.T. 0.00 min
Lab File: BM029927.D
Acq: 11 May 2021 05:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	13.4	9.6	14.4





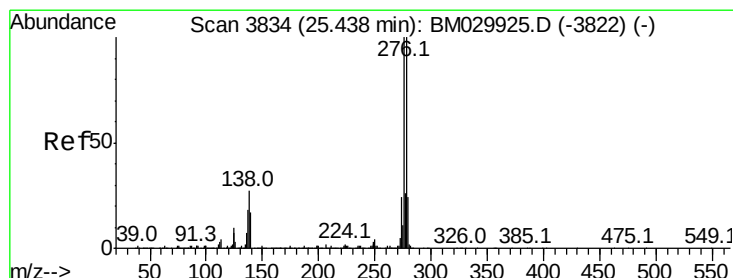
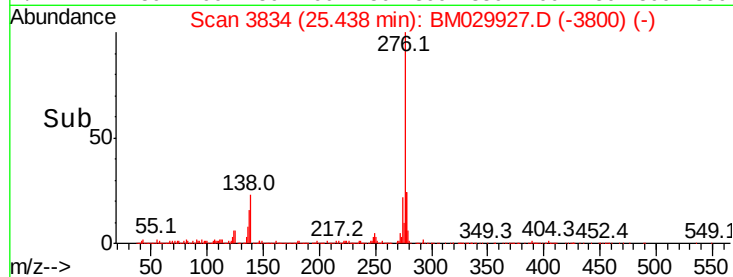
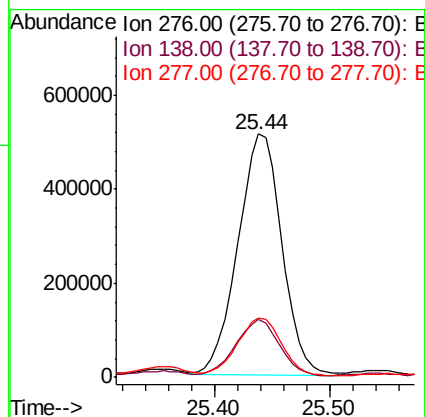
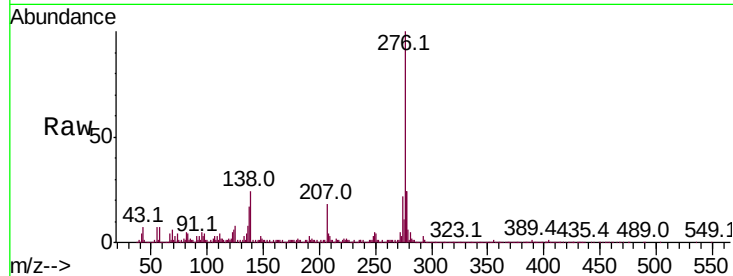
#94
Indeno(1,2,3-cd)pyrene
Concen: 27.181 ng/ul
RT: 25.44 min Scan# 3834
Delta R.T. 0.00 min
Lab File: BM029927.D
Acq: 11 May 2021 05:12

Instrument :
BNA_M
ClientSampleId :
BG514

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.6	21.1	31.7
277	24.4	20.3	30.5

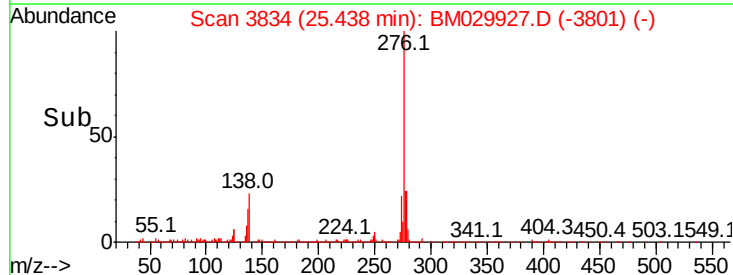
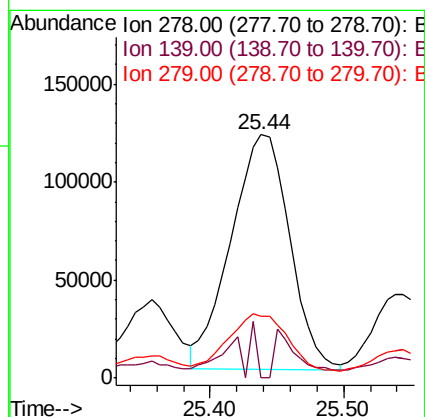
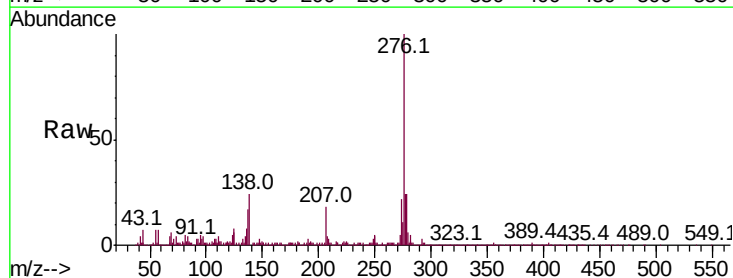
Manual Integrations
APPROVED

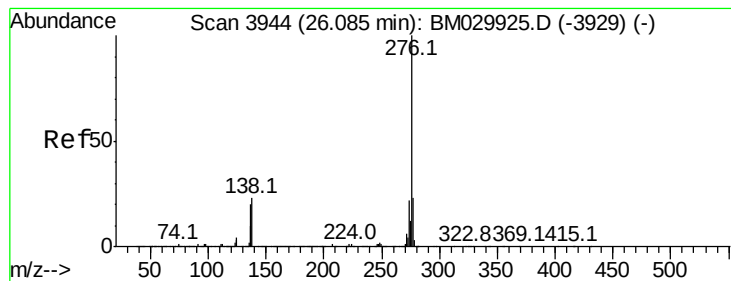
mohammad
5/11/2021 2:33:39 PM



#95
Dibenzo(a,h)anthracene
Concen: 8.596 ng/ul
RT: 25.44 min Scan# 3834
Delta R.T. -0.01 min
Lab File: BM029927.D
Acq: 11 May 2021 05:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.5	20.3#
279	25.4	18.6	28.0





#96

Benzo(a,h,i)perylene

Concen: 30.102 ng/ul

RT: 26.10 min Scan# 3946

Delta R.T. 0.01 min

Lab File: BM029927.D

Acq: 11 May 2021 05:12

Instrument :

BNA_M

ClientSampleId :

BG514

Tot Ion: 276 Resp: 1220123

Ion Ratio Lower Upper

276 100

138 24.3 17.8 26.8

277 24.4 18.5 27.7

Manual Integrations

APPROVED

mohammad

5/11/2021 2:33:39 PM

