

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037832.D
 Acq On : 02 Dec 2022 17:03
 Operator : CG/JU
 Sample : N5738-09DL 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNH8DL

Quant Time: Dec 03 00:09:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 01:14:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/05/2022
 Supervised By :mohammad ahmed 12/05/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	247161	20.000	ng/u1	0.00
20) Naphthalene-d8	10.916	136	1006071	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.727	164	550683	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.474	188	887466	20.000	ng/u1	0.01
79) Chrysene-d12	21.639	240	787718	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	831653	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	1607	0.305	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.251	99	37314	1.676	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	23434	1.804	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	30807	1.830	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	27220	1.537	ng/u1	0.00
21) Nitrobenzene-d5	9.269	128	15823	1.980	ng/u1	0.00
24) 2-Nitrophenol-d4	9.992	143	15839	1.915	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	27690	1.805	ng/u1	0.00
31) 4-Chloroaniline-d4	11.028	131	5220	0.222	ng/u1	-0.02
46) Dimethylphthalate-d6	14.133	166	82989	2.195	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	93542	2.034	ng/u1	0.00
54) 4-Nitrophenol-d4	14.922	143	16757	2.135	ng/u1	0.01
60) Fluorene-d10	15.716	176	67017	1.953	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	13535	2.895	ng/u1	0.00
73) Anthracene-d10	17.568	188	93729m	2.297	ng/u1	0.00
81) Pyrene-d10	19.851	212	94615	2.319	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	88774	2.131	ng/u1	0.00
Target Compounds					Qvalue	
58) 2,3,4,6-Tetrachlorophenol	15.345	232	210548	21.829	ng/u1#	83
71) Pentachlorophenol	17.157	266	7153496	1093.650	ng/u1	99
72) Phenanthrene	17.515	178	671217	13.955	ng/u1	96
77) Carbazole	17.874	167	74563	1.651	ng/u1#	36
80) Fluoranthene	19.515	202	1069230	21.454	ng/u1	99
82) Pyrene	19.880	202	1076388	20.917	ng/u1	99
83) Butylbenzylphthalate	20.756	149	118139	5.265	ng/u1	89
86) Bis(2-ethylhexyl)phtha...	21.527	149	87061	2.568	ng/u1	92
87) Chrysene	21.674	228	384172	8.189	ng/u1	97
90) Benzo(b)fluoranthene	23.362	252	393115	7.360	ng/u1#	91
91) Benzo(k)fluoranthene	23.409	252	116999m	2.271	ng/u1	
93) Benzo(a)pyrene	24.015	252	90302	1.950	ng/u1#	71
94) Indeno(1,2,3-cd)pyrene	26.733	276	127476	2.448	ng/u1	96
96) Benzo(g,h,i)perylene	27.538	276	99480	2.189	ng/u1	97

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

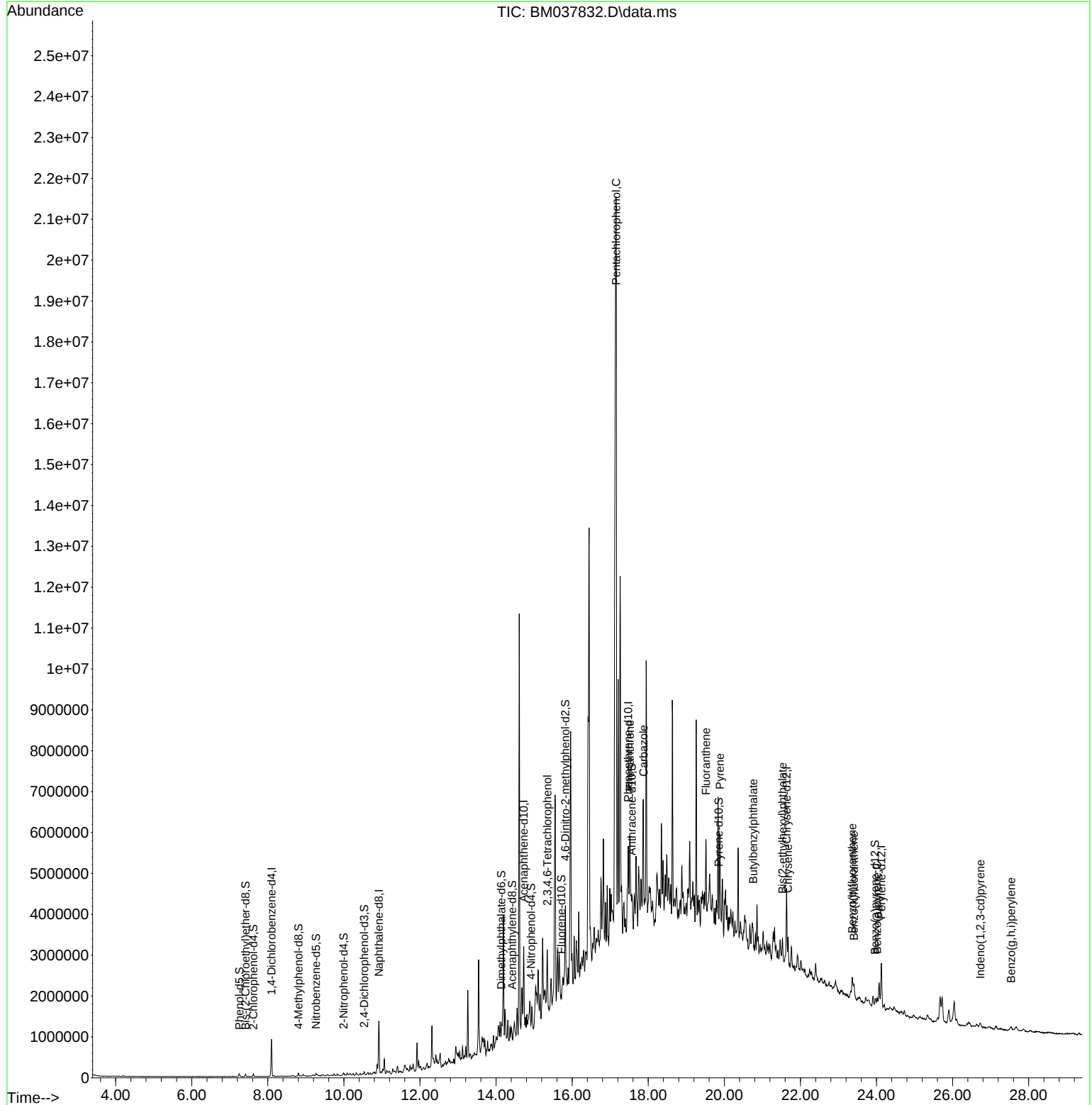
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
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 ALS Vial : 14 Sample Multiplier: 1

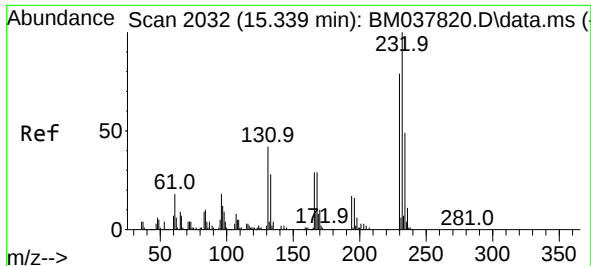
Instrument :
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 ClientSampleId :
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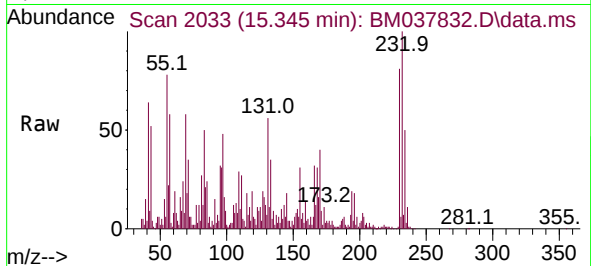
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 01:14:59 2022
 Response via : Initial Calibration





#58
2,3,4,6-Tetrachlorophenol
Concen: 21.829 ng/ul
RT: 15.345 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BM037832.D
Acq: 02 Dec 2022 17:03

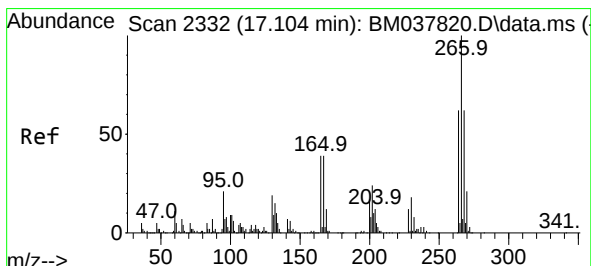
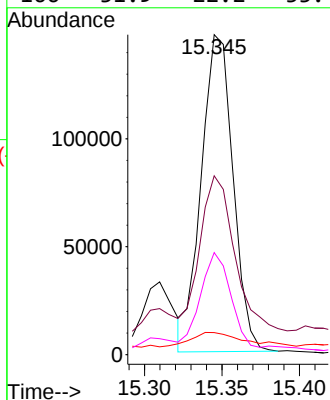
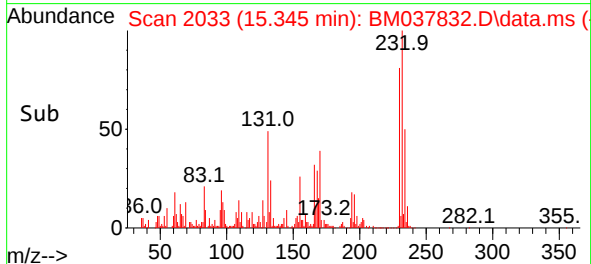
Instrument :
BNA_M
ClientSampleId :
GBNH8DL



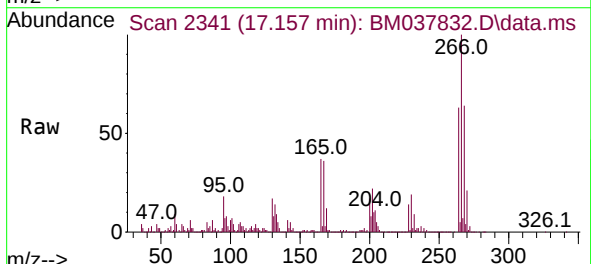
Tgt Ion:232 Resp: 210548
Ion Ratio Lower Upper
232 100
131 55.9 32.7 49.1
130 6.9 1.8 2.6
166 31.9 22.2 33.4

Manual Integrations
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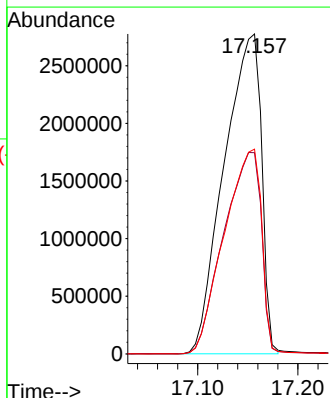
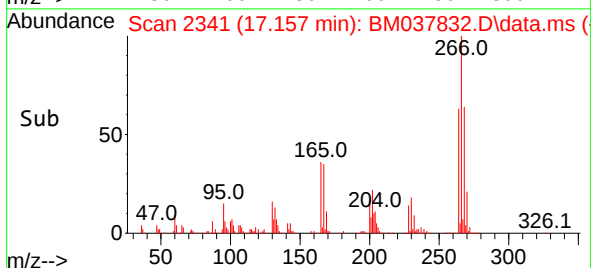
Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022

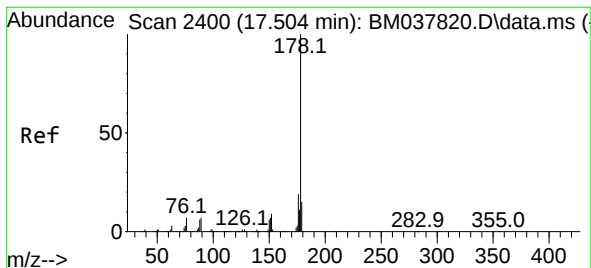


#71
Pentachlorophenol
Concen: 1093.650 ng/ul
RT: 17.157 min Scan# 2341
Delta R.T. 0.047 min
Lab File: BM037832.D
Acq: 02 Dec 2022 17:03



Tgt Ion:266 Resp: 7153496
Ion Ratio Lower Upper
266 100
264 62.9 50.3 75.5
268 64.0 52.2 78.2





#72

Phenanthrene

Concen: 13.955 ng/ul

RT: 17.515 min Scan# 2400

Delta R.T. 0.011 min

Lab File: BM037832.D

Acq: 02 Dec 2022 17:03

Instrument :

BNA_M

ClientSampleId :

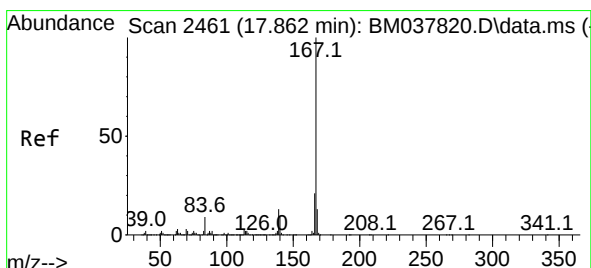
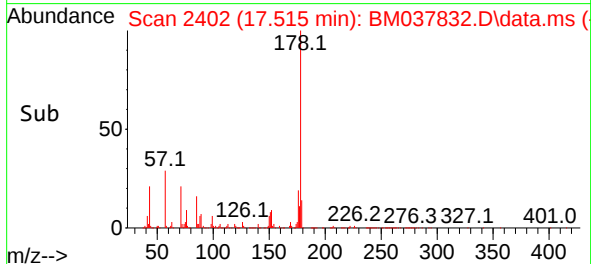
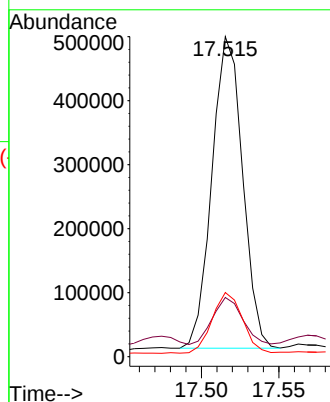
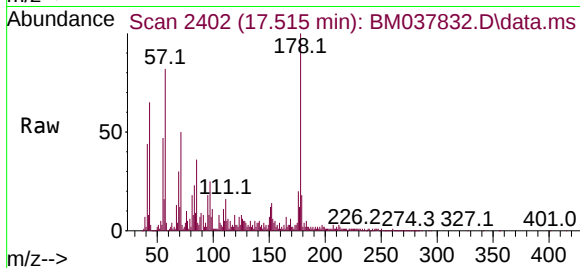
GBNH8DL

Tgt Ion:	178	Resp:	67121
Ion Ratio	Lower	Upper	
178	100		
179	18.5	12.5	18.7
176	20.0	15.3	22.9

Manual Integrations

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#77

Carbazole

Concen: 1.651 ng/ul

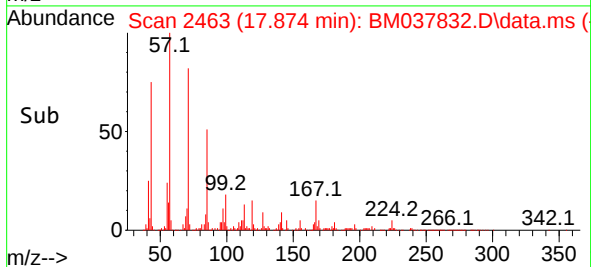
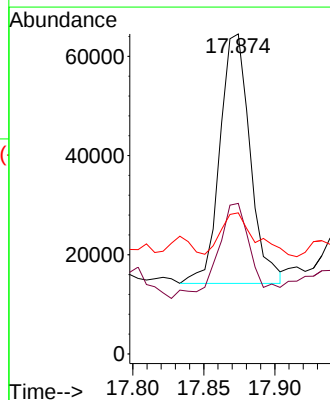
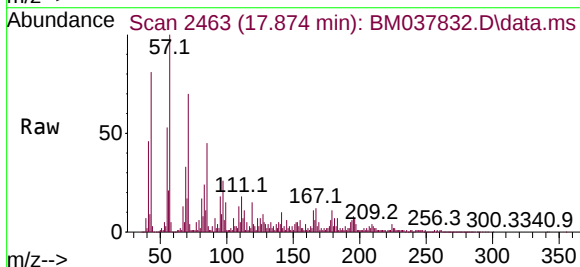
RT: 17.874 min Scan# 2463

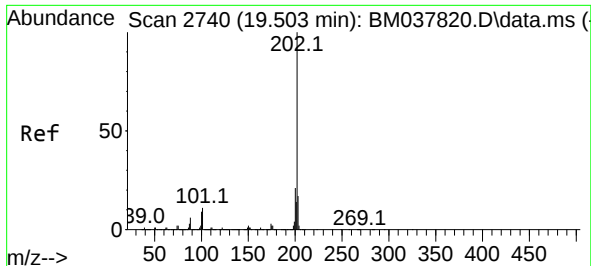
Delta R.T. 0.011 min

Lab File: BM037832.D

Acq: 02 Dec 2022 17:03

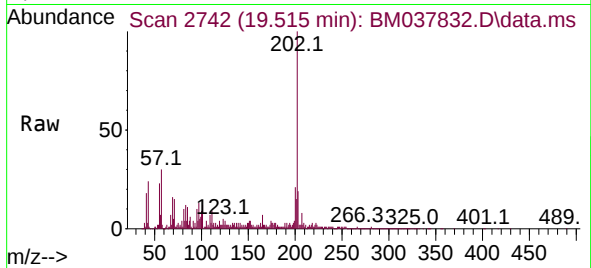
Tgt Ion:	167	Resp:	74563
Ion Ratio	Lower	Upper	
167	100		
166	47.0	17.2	25.8#
139	44.1	10.0	15.0#





#80
Fluoranthene
Concen: 21.454 ng/u1
RT: 19.515 min Scan# 2740
Delta R.T. 0.006 min
Lab File: BM037832.D
Acq: 02 Dec 2022 17:03

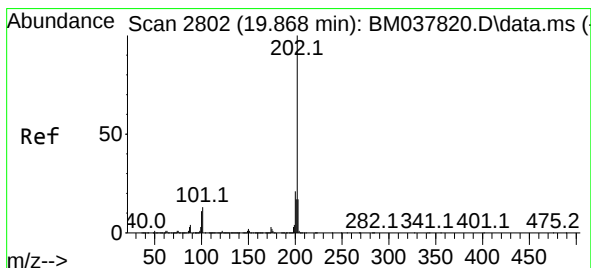
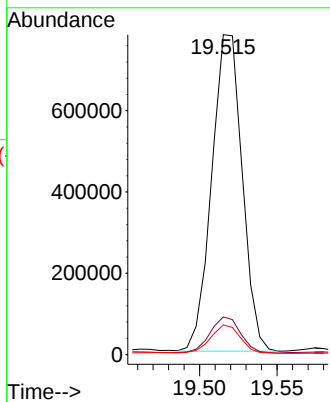
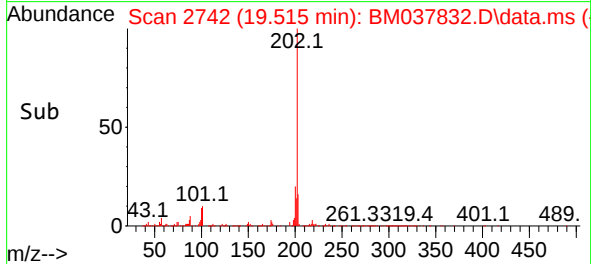
Instrument :
BNA_M
ClientSampleId :
GBNH8DL



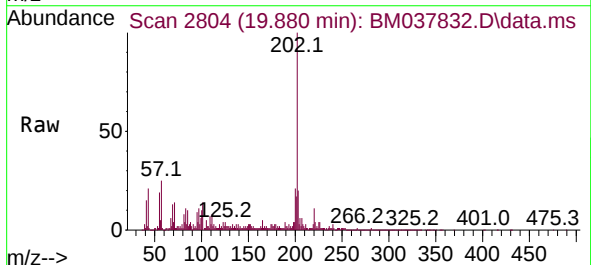
Tgt Ion:202 Resp: 1069230
Ion Ratio Lower Upper
202 100
101 11.8 9.7 14.5
100 9.3 7.7 11.5

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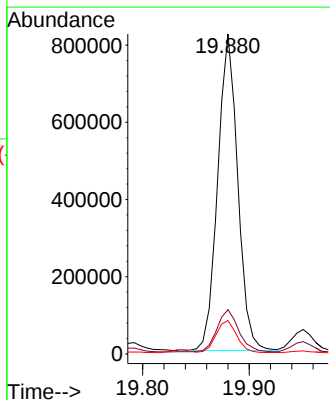
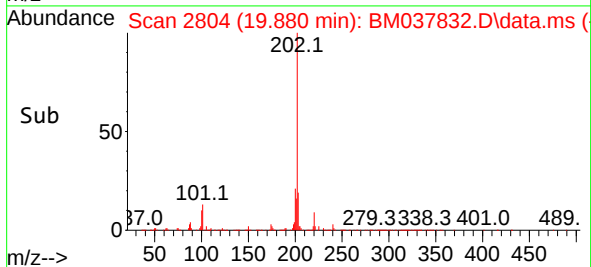
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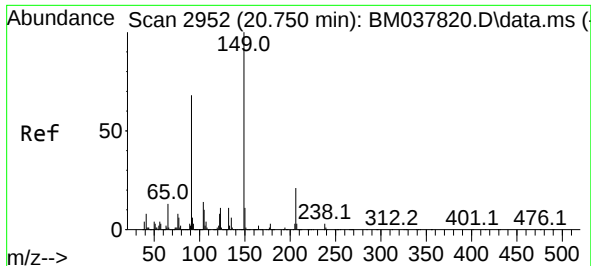


#82
Pyrene
Concen: 20.917 ng/u1
RT: 19.880 min Scan# 2804
Delta R.T. 0.006 min
Lab File: BM037832.D
Acq: 02 Dec 2022 17:03



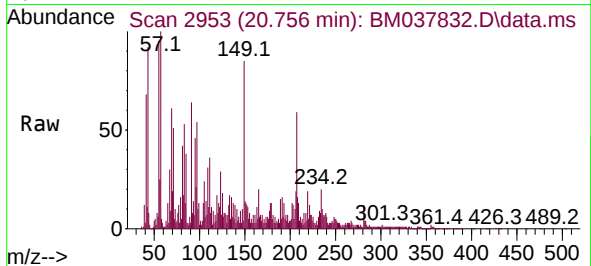
Tgt Ion:202 Resp: 1076388
Ion Ratio Lower Upper
202 100
101 13.8 11.0 16.4
100 10.5 9.0 13.6





#83
Butylbenzylphthalate
Concen: 5.265 ng/ul
RT: 20.756 min Scan# 2953
Delta R.T. -0.000 min
Lab File: BM037832.D
Acq: 02 Dec 2022 17:03

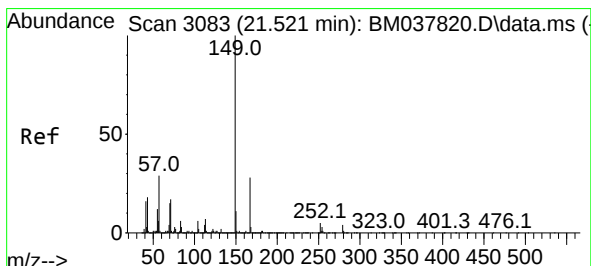
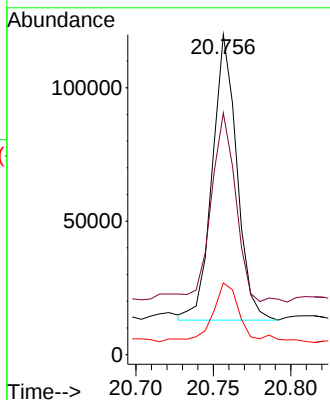
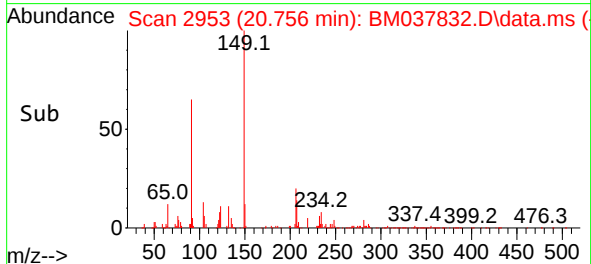
Instrument :
BNA_M
ClientSampleId :
GBNH8DL



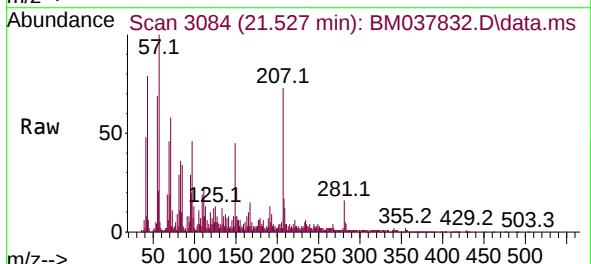
Tgt Ion:149 Resp: 118139
Ion Ratio Lower Upper
149 100
91 75.5 51.7 77.5
206 22.4 17.1 25.7

Manual Integrations
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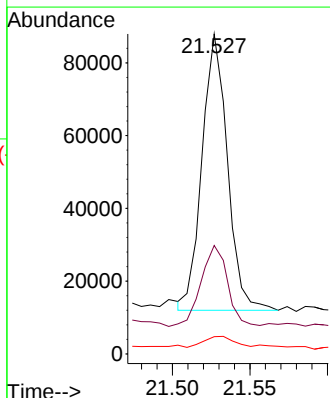
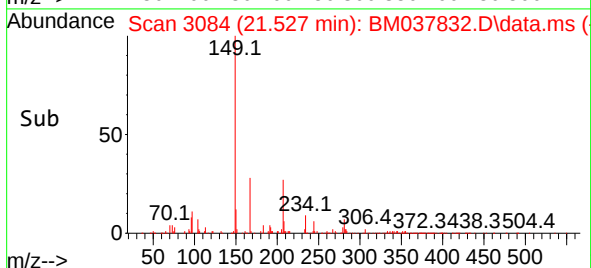
Reviewed By :Jagrut Upadhyay 12/05/2022
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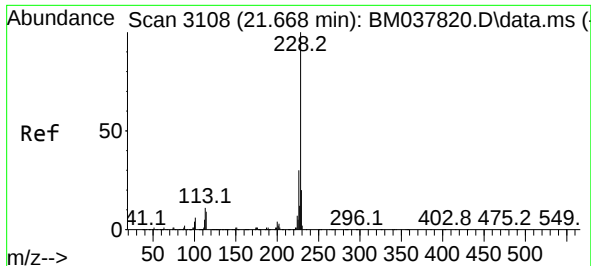


#86
Bis(2-ethylhexyl)phthalate
Concen: 2.568 ng/ul
RT: 21.527 min Scan# 3084
Delta R.T. -0.000 min
Lab File: BM037832.D
Acq: 02 Dec 2022 17:03



Tgt Ion:149 Resp: 87061
Ion Ratio Lower Upper
149 100
167 33.9 23.3 34.9
279 5.4 3.6 5.4





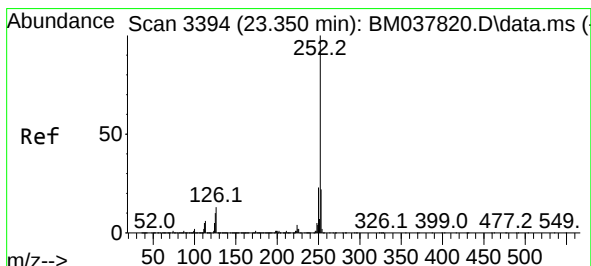
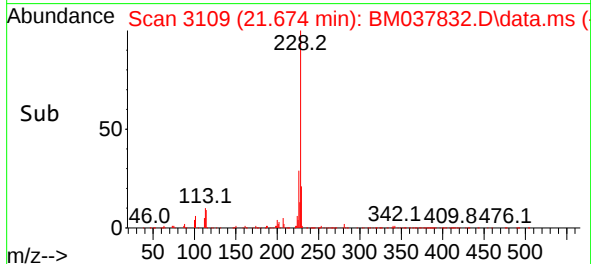
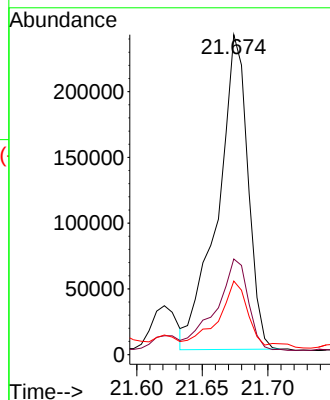
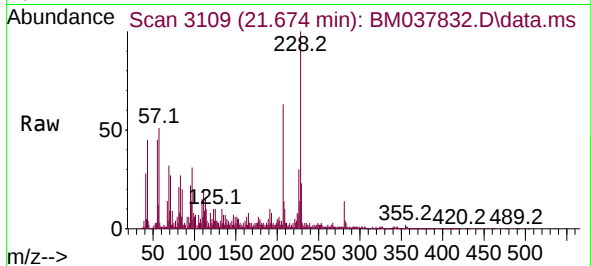
#87
Chrysene
Concen: 8.189 ng/ul
RT: 21.674 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BM037832.D
Acq: 02 Dec 2022 17:03

Instrument :
BNA_M
ClientSampleId :
GBNH8DL

Tgt Ion:228 Resp: 384172
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.2
229 23.0 15.8 23.6

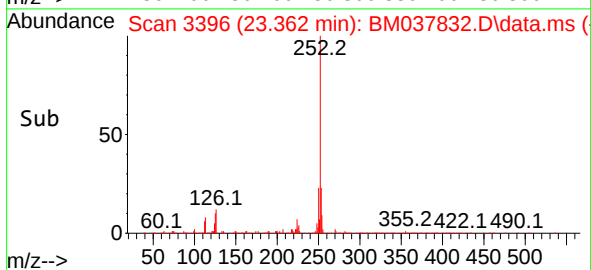
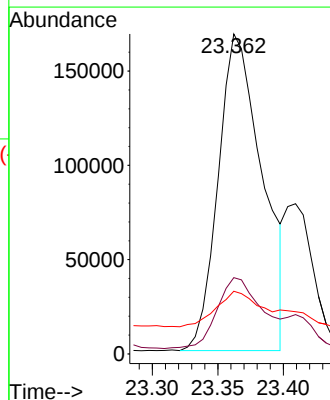
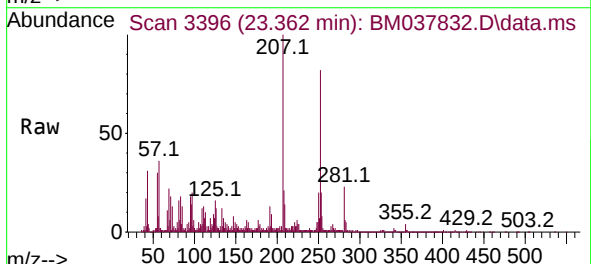
Manual Integrations
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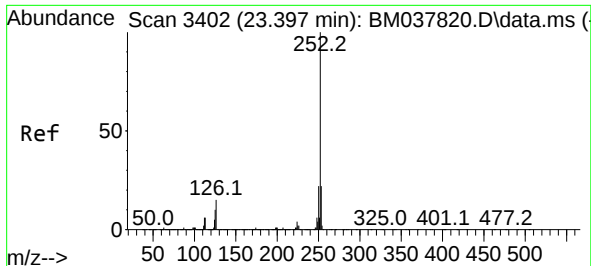
Reviewed By :Jagrut Upadhyay 12/05/2022
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#90
Benzo(b)fluoranthene
Concen: 7.360 ng/ul
RT: 23.362 min Scan# 3396
Delta R.T. 0.006 min
Lab File: BM037832.D
Acq: 02 Dec 2022 17:03

Tgt Ion:252 Resp: 393115
Ion Ratio Lower Upper
252 100
253 23.8 17.7 26.5
125 19.6 9.3 13.9#





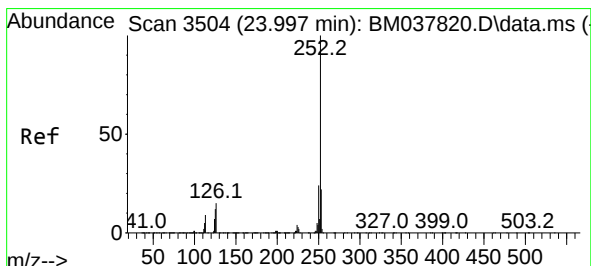
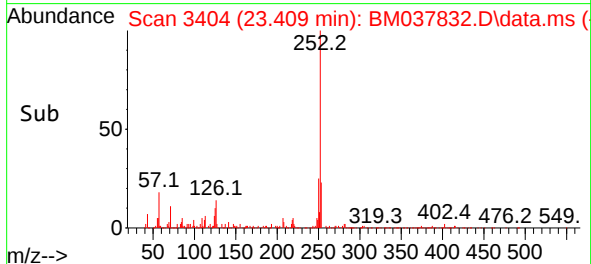
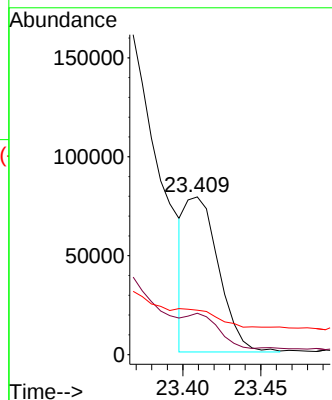
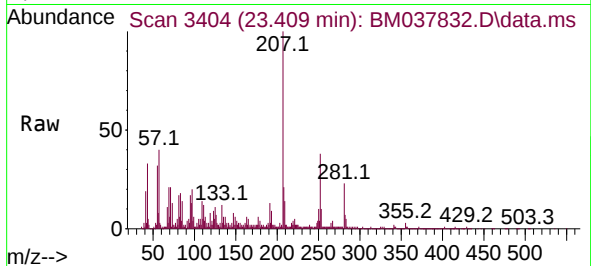
#91
Benzo(k)fluoranthene
Concen: 2.271 ng/ul m
RT: 23.409 min Scan# 3402
Delta R.T. -0.000 min
Lab File: BM037832.D
Acq: 02 Dec 2022 17:03

Instrument :
BNA_M
ClientSampleId :
GBNH8DL

Tgt Ion:252 Resp: 116999
Ion Ratio Lower Upper
252 100
253 26.2 17.8 26.8
125 28.1 9.3 13.9

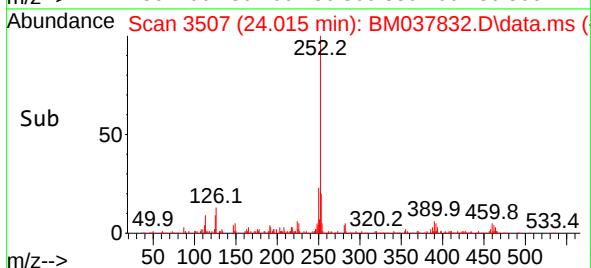
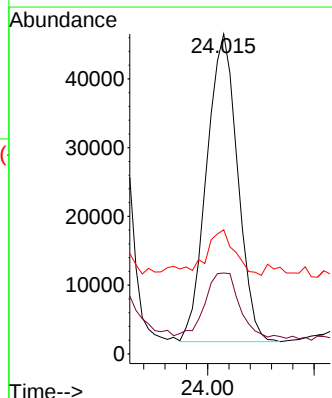
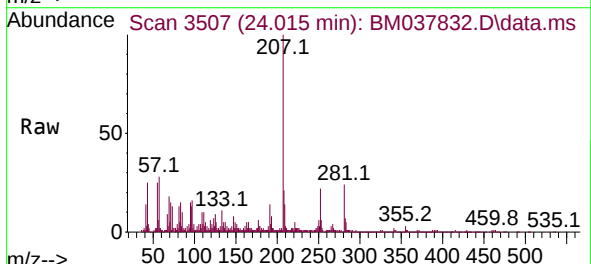
Manual Integrations
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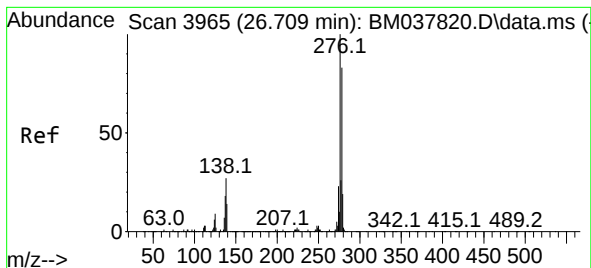
Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022



#93
Benzo(a)pyrene
Concen: 1.950 ng/ul
RT: 24.015 min Scan# 3507
Delta R.T. 0.006 min
Lab File: BM037832.D
Acq: 02 Dec 2022 17:03

Tgt Ion:252 Resp: 90302
Ion Ratio Lower Upper
252 100
253 25.3 17.4 26.2
125 38.8 10.2 15.4





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.448 ng/ul

RT: 26.733 min Scan# 3965

Delta R.T. 0.011 min

Lab File: BM037832.D

Acq: 02 Dec 2022 17:03

Instrument :

BNA_M

ClientSampleId :

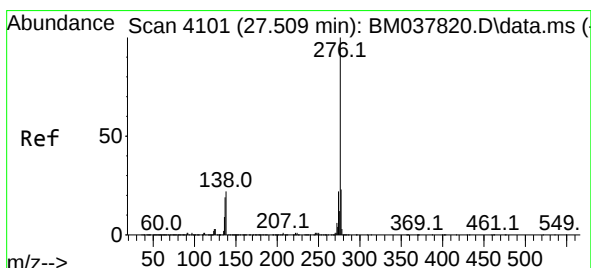
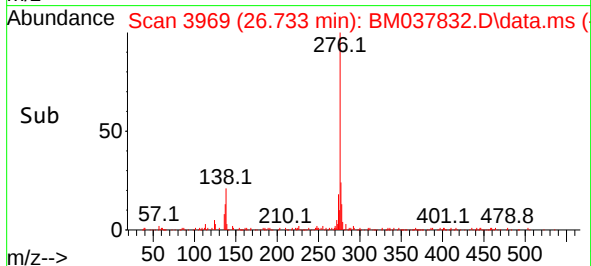
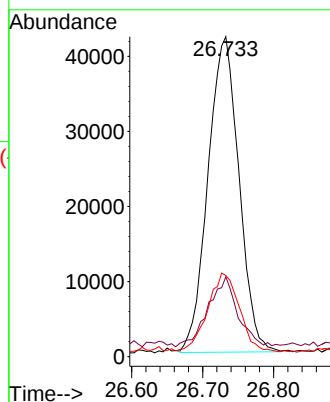
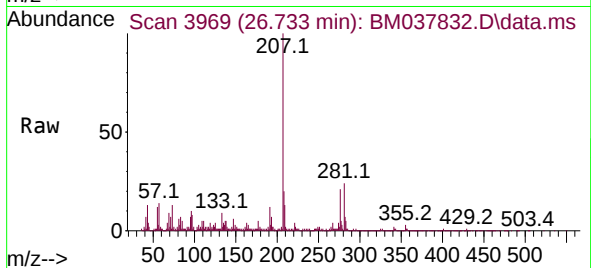
GBNH8DL

Tgt Ion:	276	Resp:	127476
Ion Ratio	Lower	Upper	
276	100		
138	25.0	22.7	34.1
277	25.4	20.1	30.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022



#96

Benzo(g,h,i)perylene

Concen: 2.189 ng/ul

RT: 27.538 min Scan# 4106

Delta R.T. 0.011 min

Lab File: BM037832.D

Acq: 02 Dec 2022 17:03

Tgt Ion:	276	Resp:	99480
Ion Ratio	Lower	Upper	
276	100		
138	25.4	19.2	28.8
277	22.6	19.1	28.7

