

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
 Data File : BM043760.D
 Acq On : 05 Jan 2024 15:00
 Operator : MA/JU
 Sample : 05919-14ME
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF46ME

Quant Time: Jan 06 01:40:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 22:31:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/08/2024
 Supervised By :mohammad ahmed 01/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	377367	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	1534003	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	847124	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	1661930	20.000	ng/u1	0.03
79) Chrysene-d12	21.538	240	1328289	20.000	ng/u1	0.02
88) Perylene-d12	23.956	264	1407679	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	36257	3.123	ng/uL	0.00
4) Pyridine-d5	3.793	84	290304	8.687	ng/u1	0.00
7) Phenol-d5	7.128	99	788413	18.366	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.292	67	497782	18.309	ng/u1	0.00
11) 2-Chlorophenol-d4	7.486	132	616026	18.794	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	575107	17.264	ng/u1	0.00
21) Nitrobenzene-d5	9.133	128	312231	21.037	ng/u1	0.00
24) 2-Nitrophenol-d4	9.851	143	353057	23.023	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.392	165	598696	22.116	ng/u1	0.01
31) 4-Chloroaniline-d4	10.927	131	112791	2.832	ng/u1	0.02
46) Dimethylphthalate-d6	14.015	166	1738852	22.802	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	2112368	23.351	ng/u1	0.00
54) 4-Nitrophenol-d4	14.833	143	342595	23.736	ng/u1	0.04
60) Fluorene-d10	15.592	176	1495259	23.712	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	237208	21.581	ng/u1	0.02
73) Anthracene-d10	17.462	188	2127247	22.823	ng/u1	0.02
81) Pyrene-d10	19.750	212	2355414	22.461	ng/u1	0.02
92) Benzo(a)pyrene-d12	23.803	264	1955240	22.508	ng/u1	0.03
Target Compounds						
16) Acetophenone	8.792	105	55225	1.083	ng/u1	94
36) 2-Methylnaphthalene	12.421	142	105711	1.588	ng/u1	99
37) 1-Methylnaphthalene	12.639	142	96664	1.440	ng/u1#	100
58) 2,3,4,6-Tetrachlorophenol	15.233	232	1630987m	109.276	ng/u1	
71) Pentachlorophenol	17.033	266	25829063m	1894.039	ng/u1	
72) Phenanthrene	17.409	178	3025179	26.857	ng/u1	97
82) Pyrene	19.786	202	345396	2.587	ng/u1	96
83) Butylbenzylphthalate	20.680	149	135350	2.345	ng/u1#	57
86) Bis(2-ethylhexyl)phtha...	21.450	149	465074	5.660	ng/u1#	93

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

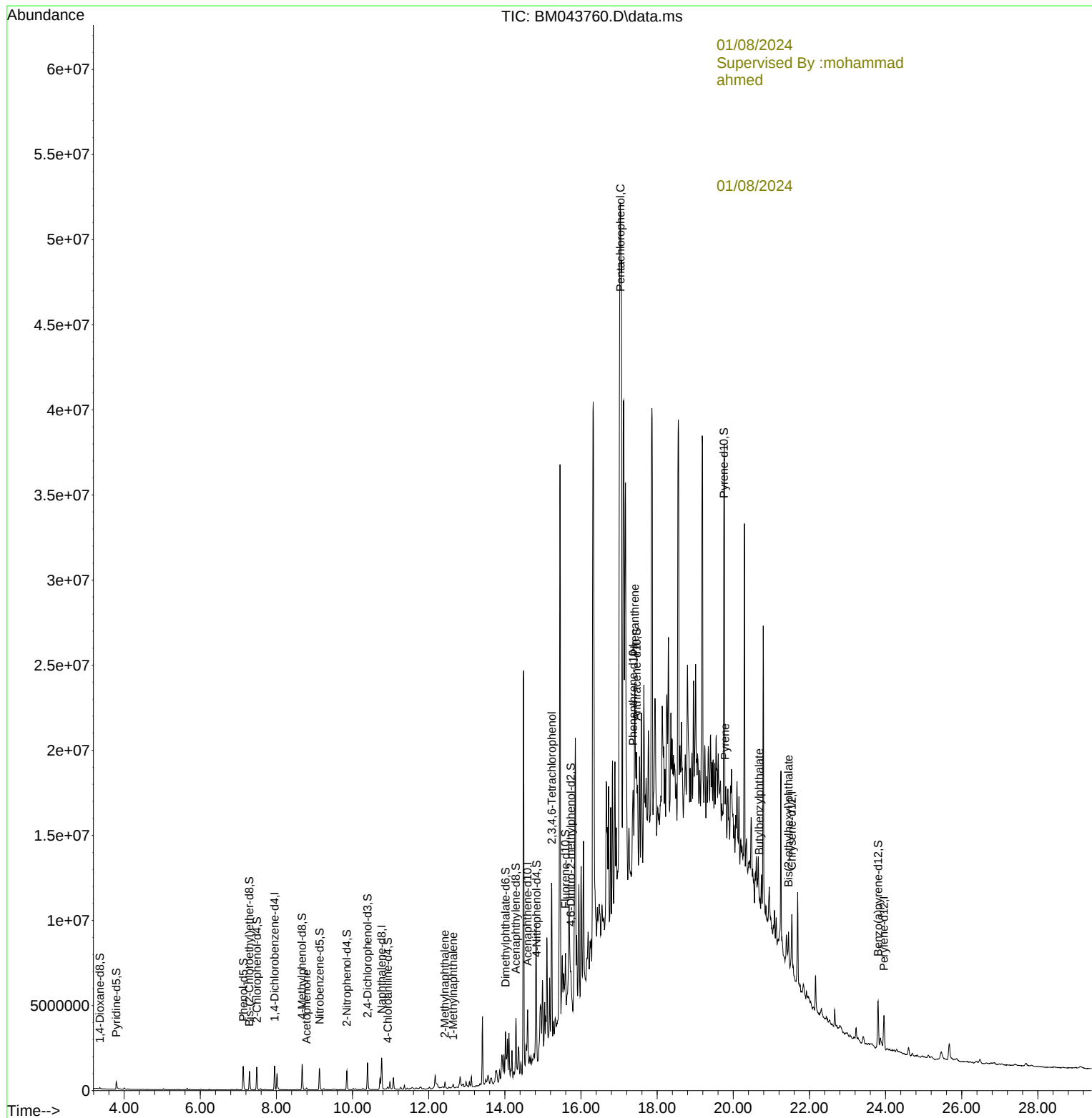
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043760.D
Acq On : 05 Jan 2024 15:00
Operator : MA/JU
Sample : 05919-14ME
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ALS Vial : 5 Sample Multiplier: 1

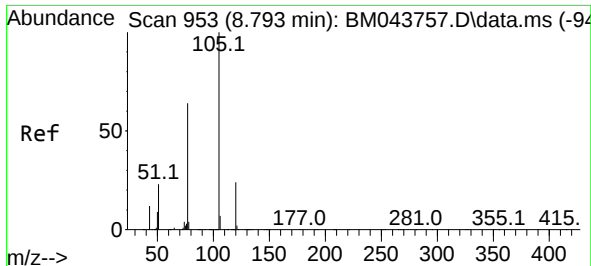
Instrument :
BNA_M
ClientSampleId :
GCF46ME

Quant Time: Jan 06 01:40:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
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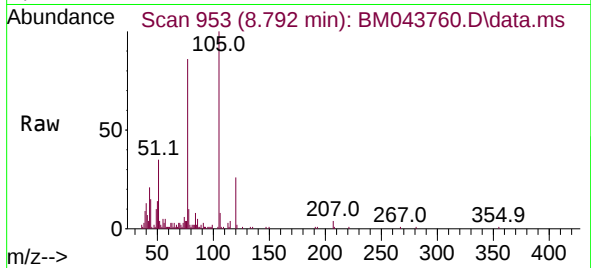
Reviewed By :Yogesh Patel 01/08/2024
Supervised By :mohammad ahmed 01/08/2024





#16
Acetophenone
Concen: 1.083 ng/ul
RT: 8.792 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM043760.D
Acq: 05 Jan 2024 15:00

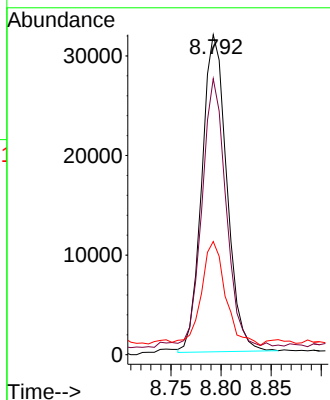
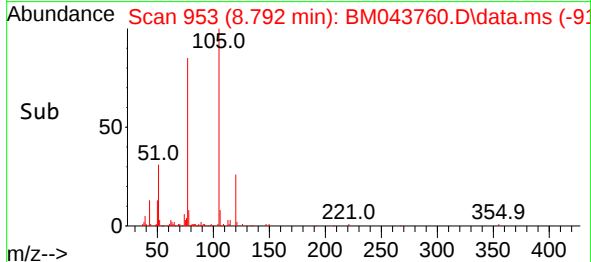
Instrument :
BNA_M
ClientSampleId :
GCF46ME



Tgt Ion:105 Resp: 5522
Ion Ratio Lower Upper
105 100
77 86.2 65.1 97.7
51 35.3 24.3 36.5

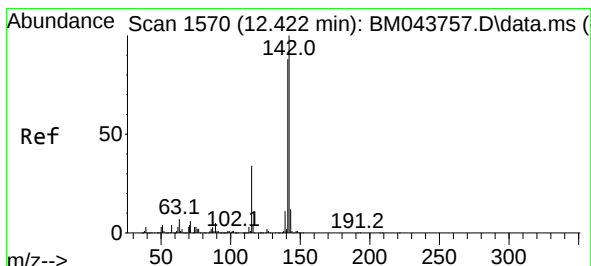
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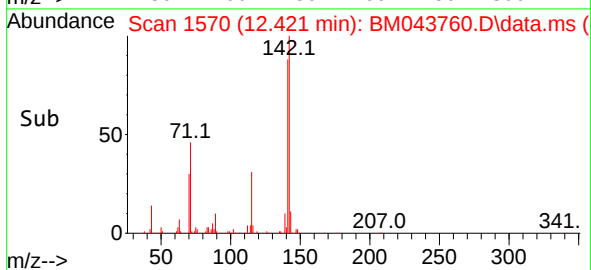
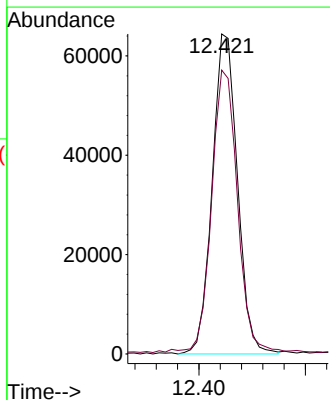
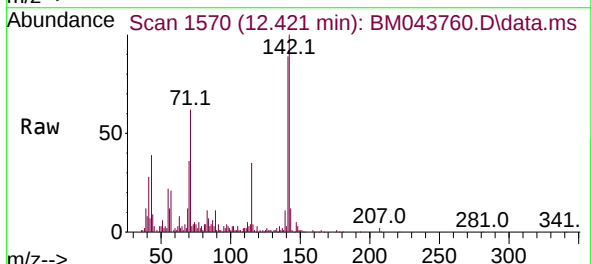
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ahmed

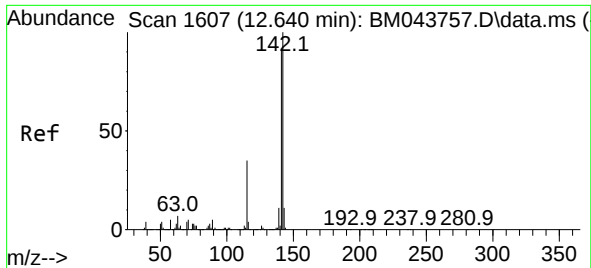
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#36
2-Methylnaphthalene
Concen: 1.588 ng/ul
RT: 12.421 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BM043760.D
Acq: 05 Jan 2024 15:00

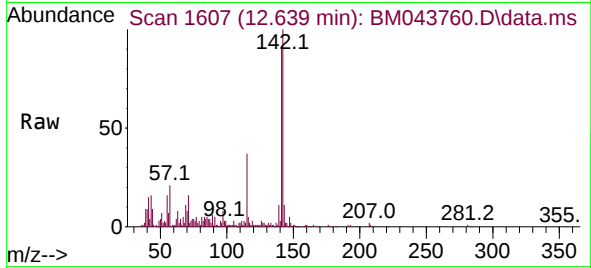
Tgt Ion:142 Resp: 105711
Ion Ratio Lower Upper
142 100
141 88.7 69.9 104.9





#37
1-Methylnaphthalene
Concen: 1.440 ng/ul
RT: 12.639 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM043760.D
Acq: 05 Jan 2024 15:00

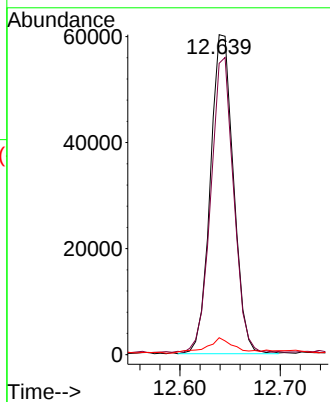
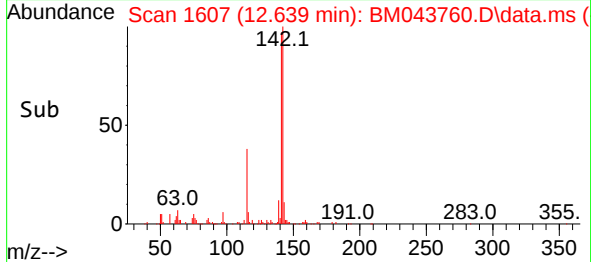
Instrument :
BNA_M
ClientSampleId :
GCF46ME



Tgt Ion:142 Resp: 96664
Ion Ratio Lower Upper
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141 91.1 73.0 109.4
116 5.3 3.0 4.6

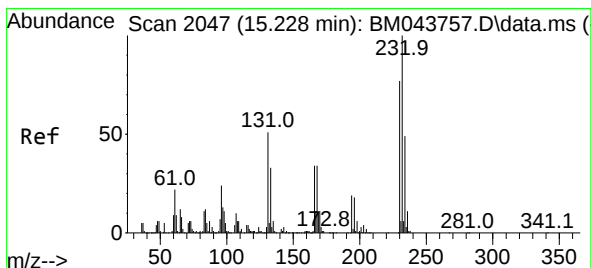
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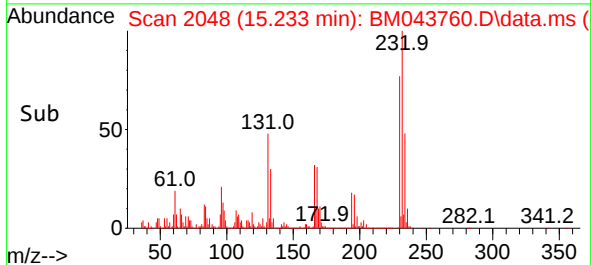
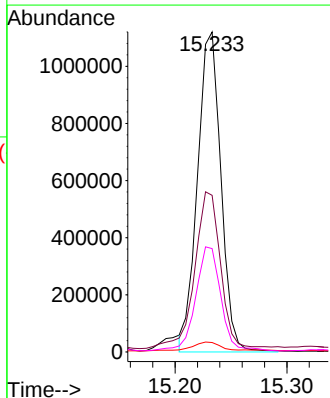
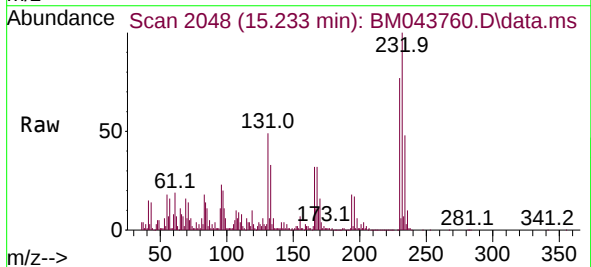
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Supervised By :mohammad
ahmed

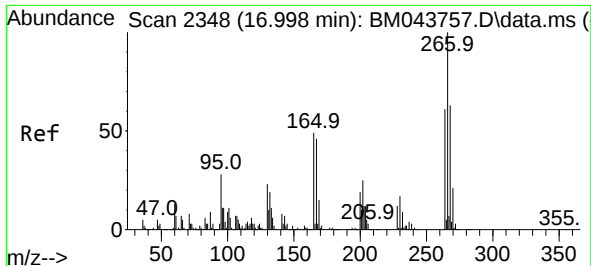
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#58
2,3,4,6-Tetrachlorophenol
Concen: 109.276 ng/ul m
RT: 15.233 min Scan# 2048
Delta R.T. 0.017 min
Lab File: BM043760.D
Acq: 05 Jan 2024 15:00

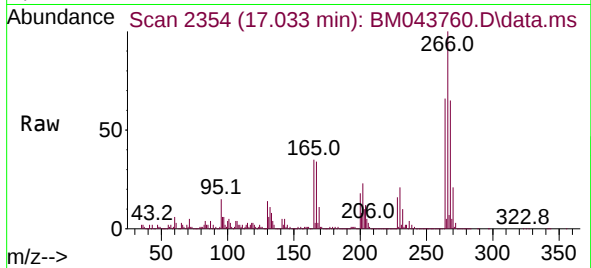
Tgt Ion:232 Resp: 1630987
Ion Ratio Lower Upper
232 100
131 49.0 47.4 71.0
130 3.0 2.4 3.6
166 32.3 30.1 45.1





#71
Pentachlorophenol
Concen: 1894.039 ng/ul m
RT: 17.033 min Scan# 21
Delta R.T. 0.053 min
Lab File: BM043760.D
Acq: 05 Jan 2024 15:00

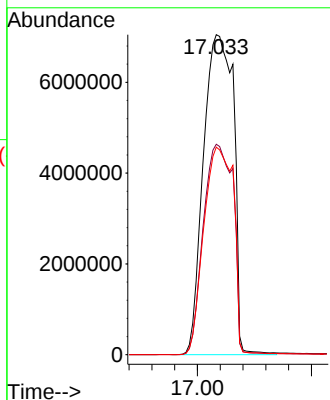
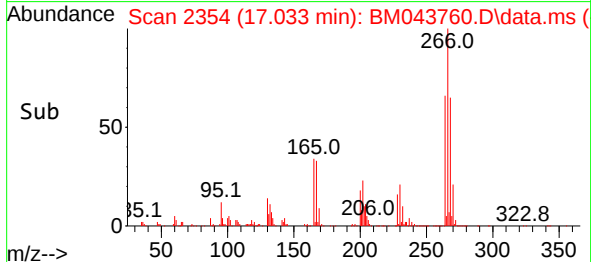
Instrument :
BNA_M
ClientSampleId :
GCF46ME



Tgt Ion:266 Resp:2582906
Ion Ratio Lower Upper
266 100
264 65.7 49.9 74.9
268 64.8 51.0 76.6

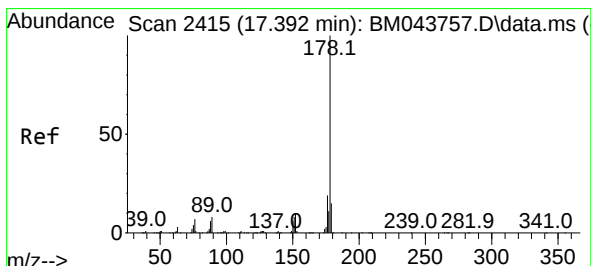
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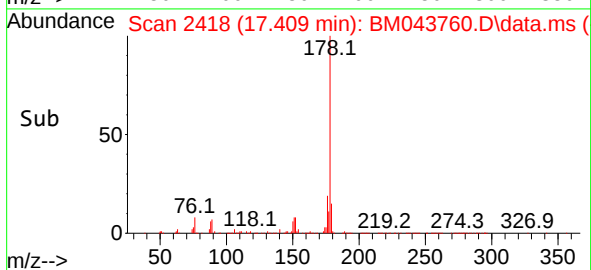
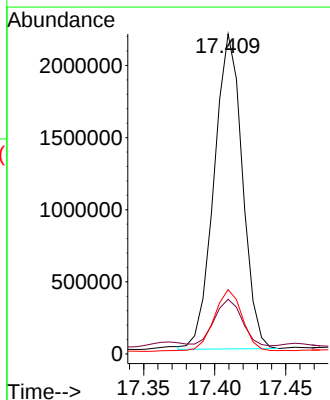
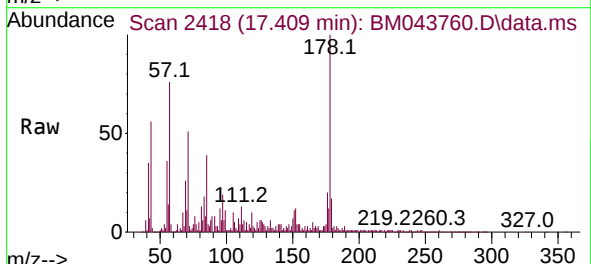
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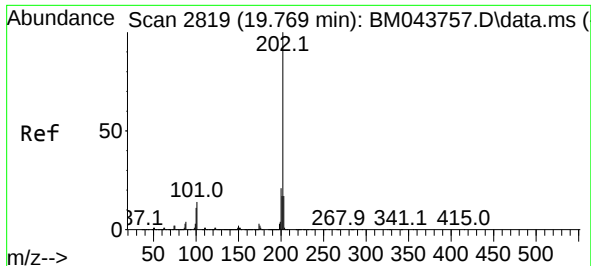
01/08/2024



#72
Phenanthrene
Concen: 26.857 ng/ul
RT: 17.409 min Scan# 2418
Delta R.T. 0.029 min
Lab File: BM043760.D
Acq: 05 Jan 2024 15:00

Tgt Ion:178 Resp: 3025179
Ion Ratio Lower Upper
178 100
179 17.1 12.2 18.4
176 20.1 15.5 23.3





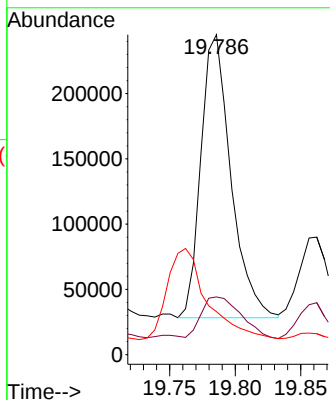
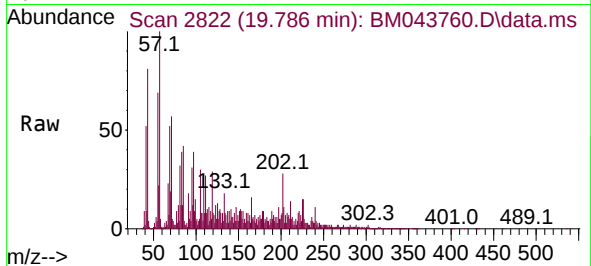
#82
Pyrene
Concen: 2.587 ng/ul
RT: 19.786 min Scan# 21
Delta R.T. 0.029 min
Lab File: BM043760.D
Acq: 05 Jan 2024 15:00

Instrument :
BNA_M
ClientSampleId :
GCF46ME

Tgt Ion:202 Resp: 345390
Ion Ratio Lower Upper
202 100
101 18.1 12.7 19.1
100 13.5 10.1 15.1

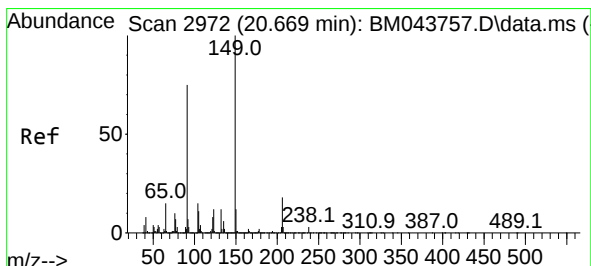
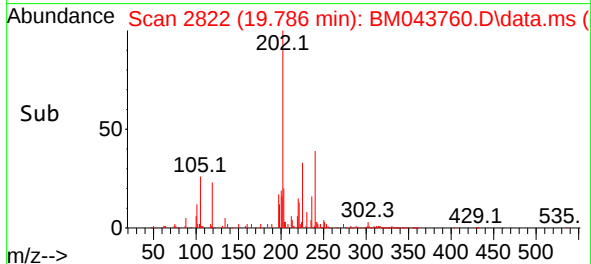
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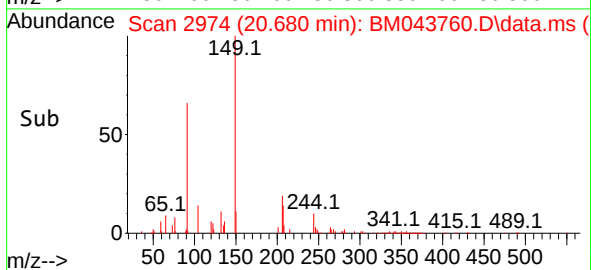
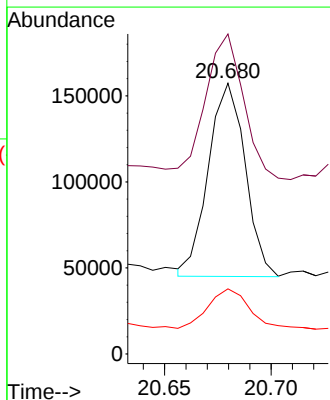
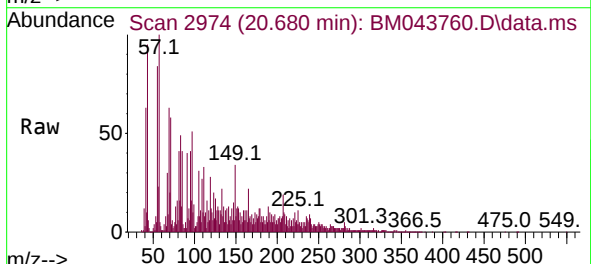
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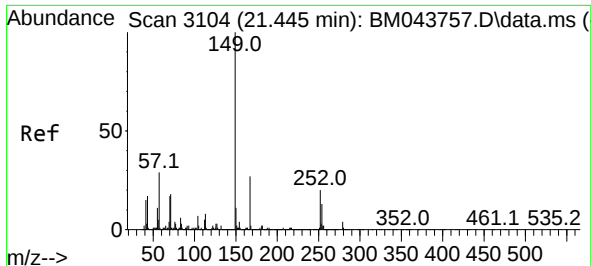
01/08/2024



#83
Butylbenzylphthalate
Concen: 2.345 ng/ul
RT: 20.680 min Scan# 2974
Delta R.T. 0.011 min
Lab File: BM043760.D
Acq: 05 Jan 2024 15:00

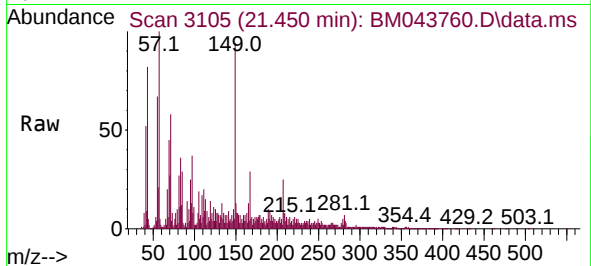
Tgt Ion:149 Resp: 135350
Ion Ratio Lower Upper
149 100
91 118.2 60.5 90.7#
206 24.1 13.9 20.9#





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 5.660 ng/ul
 RT: 21.450 min Scan# 3104
 Delta R.T. 0.006 min
 Lab File: BM043760.D
 Acq: 05 Jan 2024 15:00

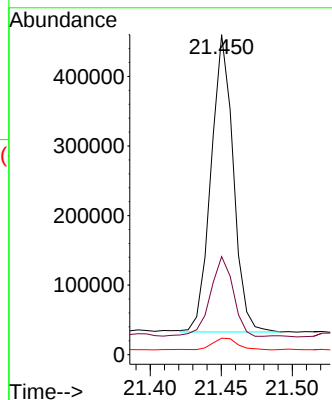
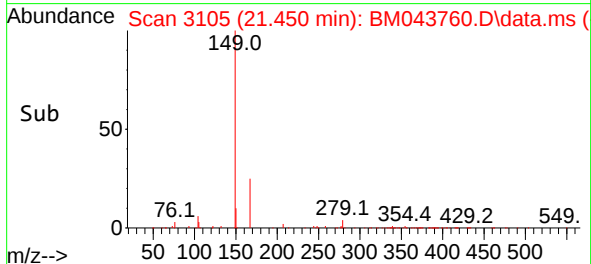
Instrument :
 BNA_M
 ClientSampleId :
 GCF46ME



Tgt Ion:149 Resp: 465074
 Ion Ratio Lower Upper
 149 100
 167 30.6 21.6 32.4
 279 5.1 2.8 4.2

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01/08/2024