

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
 Data File : BM043765.D
 Acq On : 05 Jan 2024 18:02
 Operator : MA/JU
 Sample : 05952-14ME
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF97ME

Manual Integrations
 APPROVED

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

Quant Time: Jan 05 22:04:29 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	309824	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	1227478	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	727051	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.362	188	1448419	20.000	ng/u1	0.02
79) Chrysene-d12	21.533	240	1354471	20.000	ng/u1	0.01
88) Perylene-d12	23.950	264	1496641	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	26651	2.796	ng/uL	-0.01
4) Pyridine-d5	3.816	84	24377m	0.888	ng/u1	0.03
7) Phenol-d5	7.128	99	512136	14.531	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.292	67	306740	13.742	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	406446	15.104	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	404673	14.796	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	195525	16.464	ng/u1	0.00
24) 2-Nitrophenol-d4	9.851	143	221690	18.066	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.392	165	383877	17.722	ng/u1	0.01
31) 4-Chloroaniline-d4	10.922	131	220555	6.921	ng/u1	0.01
46) Dimethylphthalate-d6	14.016	166	1152476	17.609	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	1426061	18.367	ng/u1	0.00
54) 4-Nitrophenol-d4	14.833	143	210579m	16.999	ng/u1	0.04
60) Fluorene-d10	15.592	176	1013814	18.732	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	161683	16.878	ng/u1	0.02
73) Anthracene-d10	17.456	188	1558272	19.183	ng/u1	0.02
81) Pyrene-d10	19.745	212	1729656	16.175	ng/u1	0.02
92) Benzo(a)pyrene-d12	23.791	264	1719562	18.619	ng/u1	0.02
Target Compounds						
58) 2,3,4,6-Tetrachlorophenol	15.227	232	522204	40.766	ng/u1#	94
71) Pentachlorophenol	17.033	266	19528293	1643.096	ng/u1	98
80) Fluoranthene	19.409	202	788205	5.952	ng/u1	98
82) Pyrene	19.774	202	4141162	30.419	ng/u1	95
85) Benzo(a)anthracene	21.515	228	212221m	1.874	ng/u1	
87) Chrysene	21.568	228	1135935	11.148	ng/u1	98

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

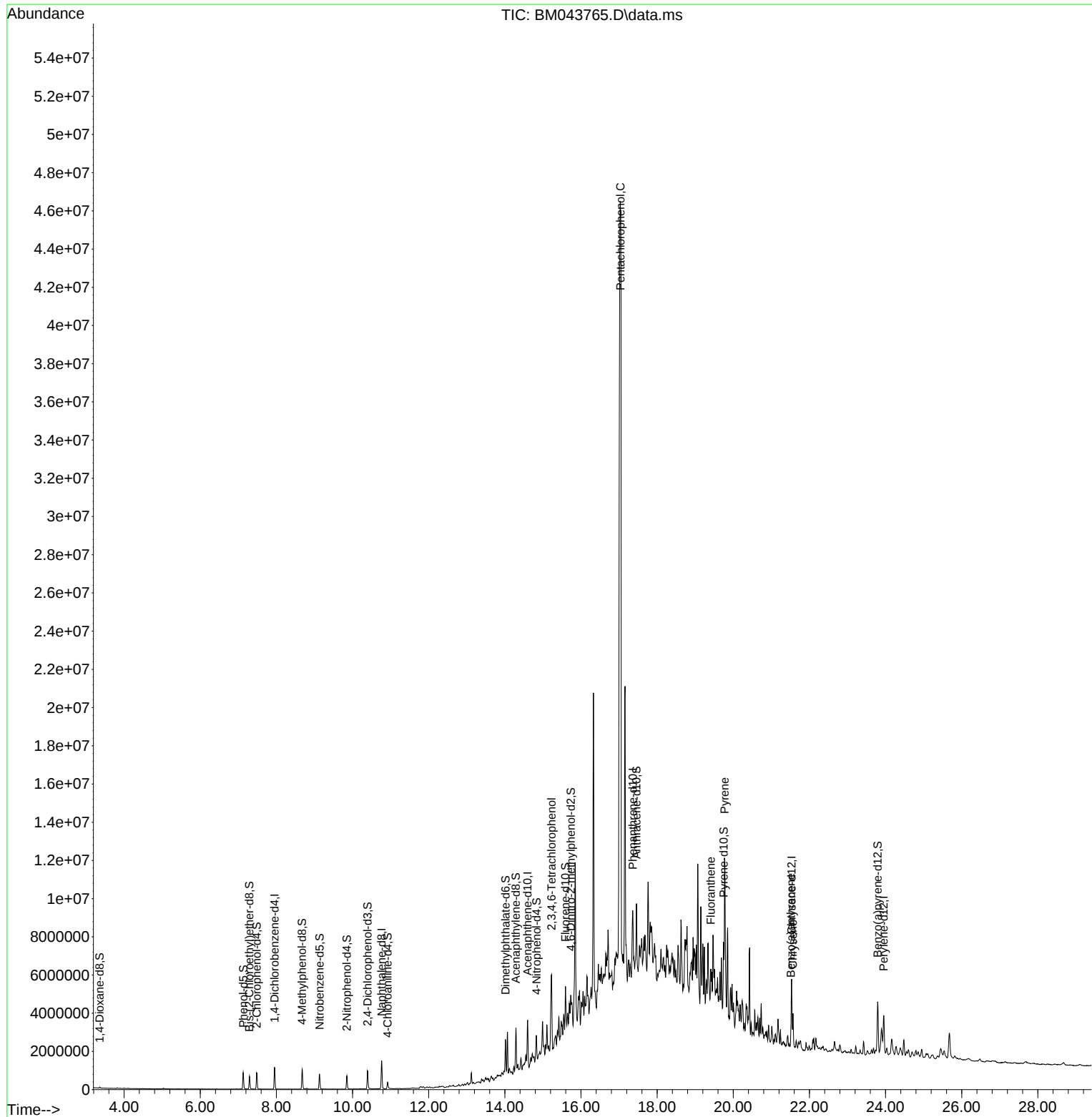
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
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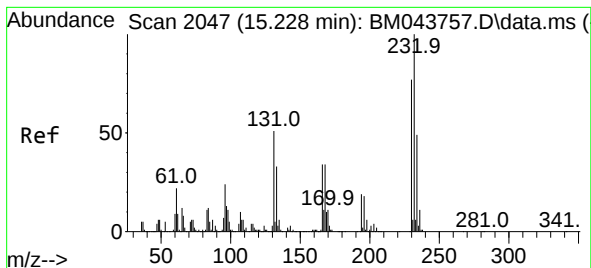
Instrument :
BNA_M
ClientSampleId :
GCF97ME

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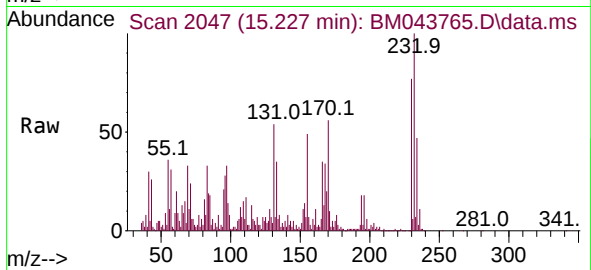
Reviewed By :Yogesh Patel 01/08/2024
Supervised By :mohammad ahmed 01/08/2024





#58
2,3,4,6-Tetrachlorophenol
Concen: 40.766 ng/ul
RT: 15.227 min Scan# 2047
Delta R.T. 0.012 min
Lab File: BM043765.D
Acq: 05 Jan 2024 18:02

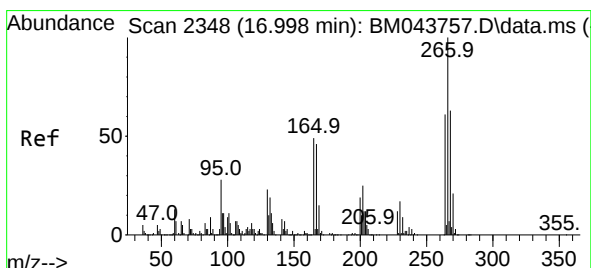
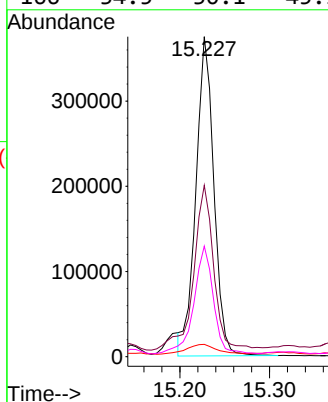
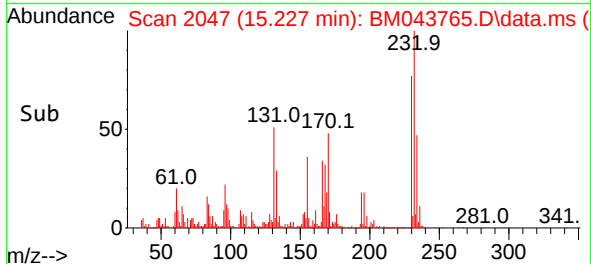
Instrument :
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ClientSampleId :
GCF97ME



Tgt Ion:232 Resp: 522204
Ion Ratio Lower Upper
232 100
131 53.5 47.4 71.0
130 3.9 2.4 3.6
166 34.5 30.1 45.1

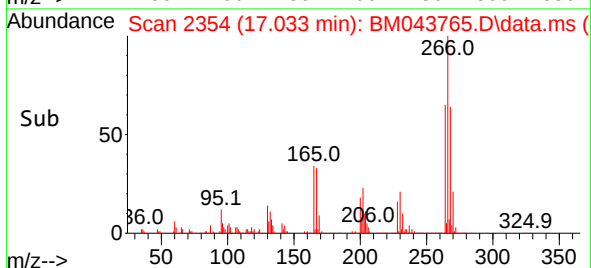
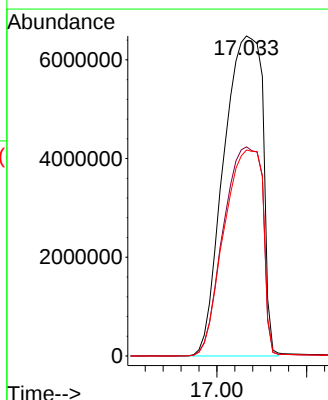
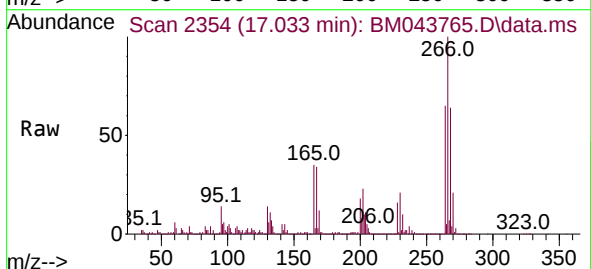
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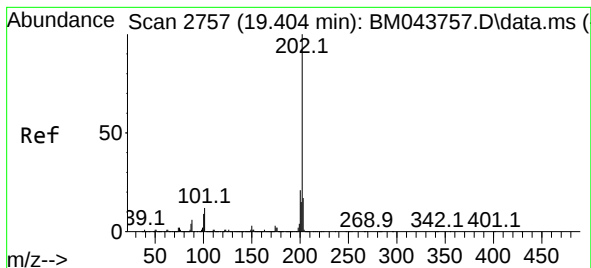
Reviewed By :Yogesh Patel 01/08/2024
Supervised By :mohammad ahmed 01/08/2024



#71
Pentachlorophenol
Concen: 1643.096 ng/ul
RT: 17.033 min Scan# 2354
Delta R.T. 0.053 min
Lab File: BM043765.D
Acq: 05 Jan 2024 18:02

Tgt Ion:266 Resp:19528293
Ion Ratio Lower Upper
266 100
264 65.3 49.9 74.9
268 64.3 51.0 76.6





#80

Fluoranthene

Concen: 5.952 ng/u1

RT: 19.409 min Scan# 21

Delta R.T. 0.017 min

Lab File: BM043765.D

Acq: 05 Jan 2024 18:02

Instrument :

BNA_M

ClientSampleId :

GCF97ME

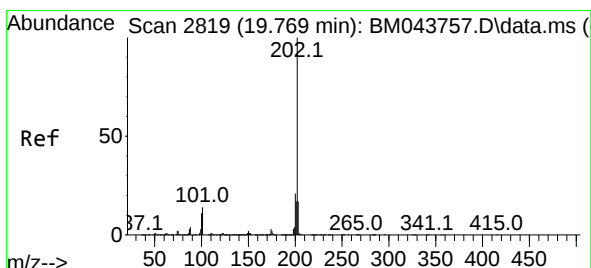
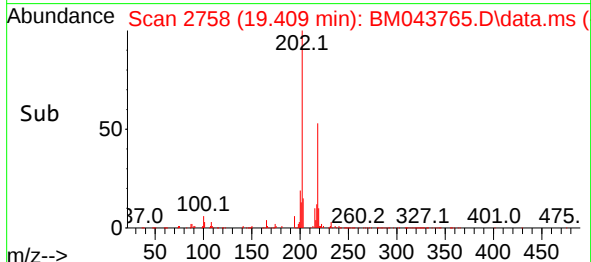
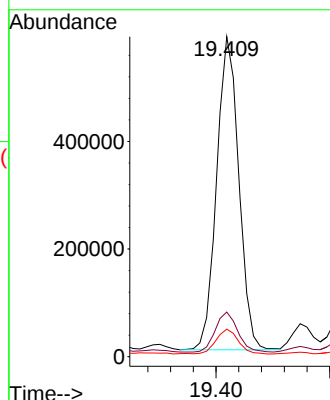
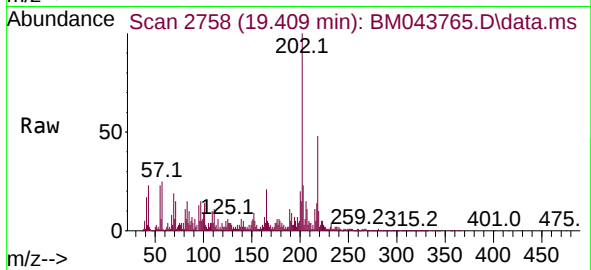
Tgt Ion:202 Resp: 788205
 Ion Ratio Lower Upper
 202 100
 101 13.9 11.4 17.0
 100 8.6 8.2 12.4

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#82

Pyrene

Concen: 30.419 ng/u1

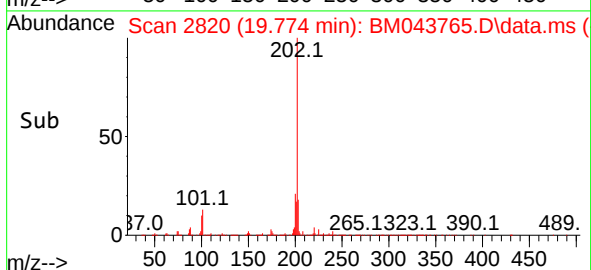
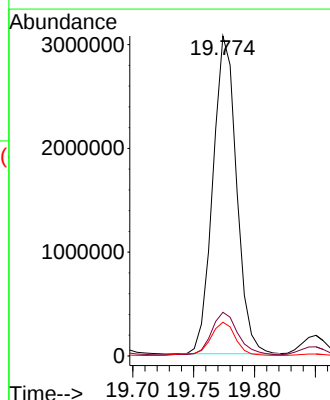
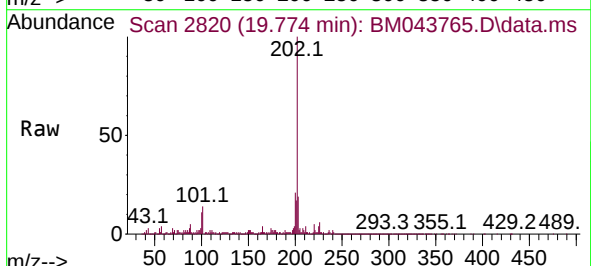
RT: 19.774 min Scan# 2820

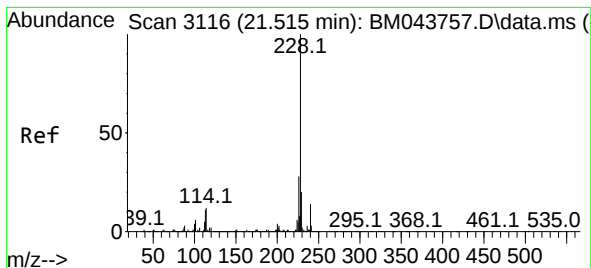
Delta R.T. 0.017 min

Lab File: BM043765.D

Acq: 05 Jan 2024 18:02

Tgt Ion:202 Resp: 4141162
 Ion Ratio Lower Upper
 202 100
 101 13.7 12.7 19.1
 100 10.6 10.1 15.1





#85

Benzo(a)anthracene

Concen: 1.874 ng/ul m

RT: 21.515 min Scan# 3116

Delta R.T. 0.012 min

Lab File: BM043765.D

Acq: 05 Jan 2024 18:02

Instrument :

BNA_M

ClientSampleId :

GCF97ME

Tgt Ion:228 Resp: 21222

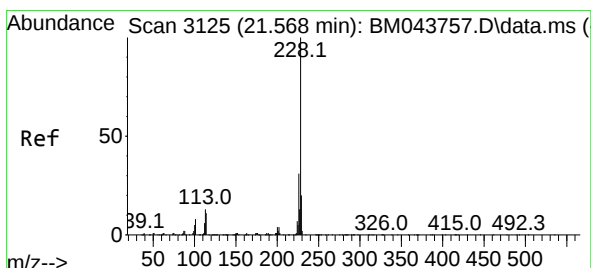
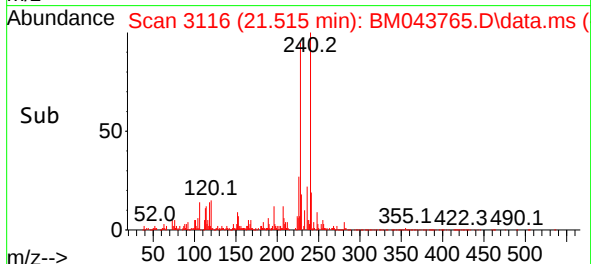
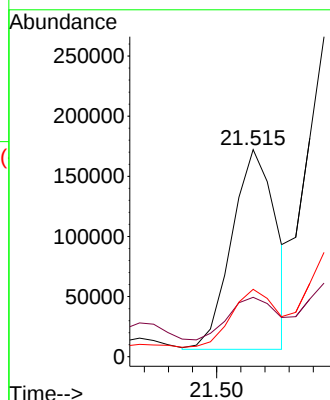
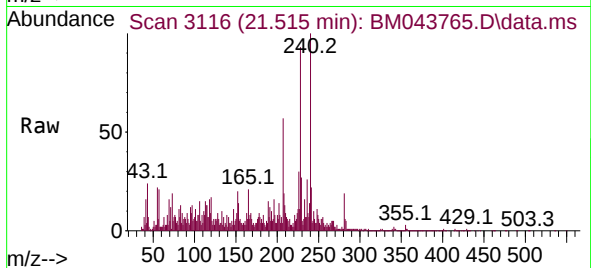
Ion	Ratio	Lower	Upper
228	100		
229	28.7	15.6	23.4
226	32.5	22.2	33.2

Manual Integrations

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#87

Chrysene

Concen: 11.148 ng/ul

RT: 21.568 min Scan# 3125

Delta R.T. 0.012 min

Lab File: BM043765.D

Acq: 05 Jan 2024 18:02

Tgt Ion:228 Resp: 1135935

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.2	36.2
229	20.7	15.9	23.9

