

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
 Data File : BM045249.D
 Acq On : 15 Apr 2024 18:06
 Operator : MA/JU
 Sample : P2051-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CORH9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/17/2024
 Supervised By :mohammad ahmed 04/18/2024

Quant Time: Apr 15 19:12:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 15 16:06:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	74667m	20.000	ng/u1	0.05
20) Naphthalene-d8	10.381	136	196803	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.239	164	121315	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.998	188	248029	20.000	ng/u1	0.00
79) Chrysene-d12	21.209	240	261293	20.000	ng/u1	0.00
88) Perylene-d12	23.415	264	321365	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	4585	2.293	ng/uL	0.00
4) Pyridine-d5	3.593	84	25163m	4.628	ng/u1	0.01
7) Phenol-d5	6.775	99	20600	3.254	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.957	67	129039	34.216	ng/u1	0.01
11) 2-Chlorophenol-d4	7.134	132	80610	16.255	ng/u1	0.01
15) 4-Methylphenol-d8	8.304	113	41986	8.474	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	56837	37.598	ng/u1	0.02
24) 2-Nitrophenol-d4	9.469	143	59012	36.985	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.004	165	90415	30.906	ng/u1	0.02
31) 4-Chloroaniline-d4	10.533	131	126646	27.191	ng/u1	0.01
46) Dimethylphthalate-d6	13.669	166	305090	36.119	ng/u1	0.00
49) Acenaphthylene-d8	13.927	160	354163	35.491	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	7939m	4.503	ng/u1	0.04
60) Fluorene-d10	15.239	176	262868	34.907	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.386	200	39386	26.782	ng/u1	0.00
73) Anthracene-d10	17.098	188	404291	36.234	ng/u1	0.00
81) Pyrene-d10	19.404	212	487659	37.903	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.274	264	594092	37.895	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.216	88	3737	1.790	ng/uL#	84
8) Phenol	6.804	94	34893	5.323	ng/u1	96
22) Nitrobenzene	8.851	77	10481150	2825.971	ng/u1	98
32) 4-Chloroaniline	10.551	127	42904	9.467	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.404	216	159966m	48.215	ng/u1	
75) 1,2,3,4-Tetrachloroben...	13.022	216	302329	96.710	ng/uL	100
76) Pentachlorobenzene	14.557	250	7294	2.193	ng/uL	95

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

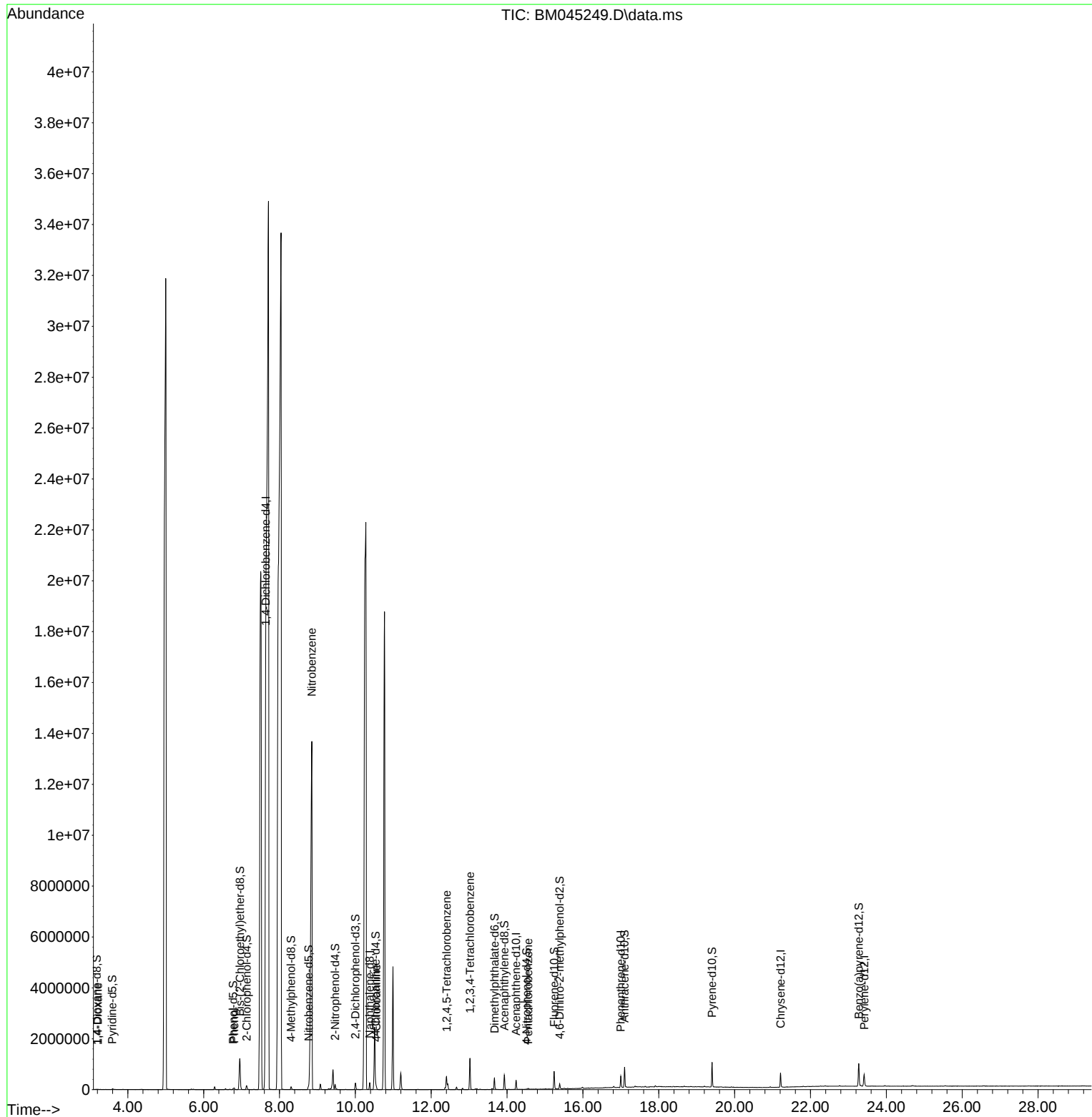
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045249.D
Acq On : 15 Apr 2024 18:06
Operator : MA/JU
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ALS Vial : 7 Sample Multiplier: 1

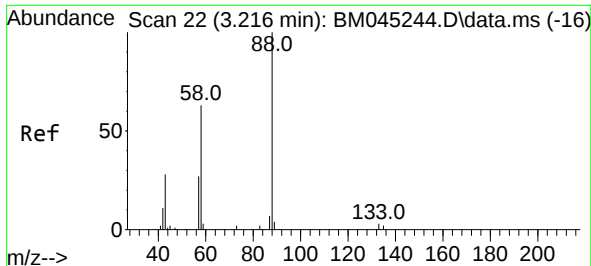
Instrument :
BNA_M
ClientSampleId :
C0RH9

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Supervised By :mohammad ahmed 04/18/2024

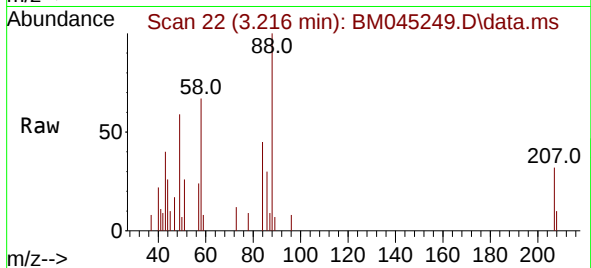
Quant Time: Apr 15 19:12:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 15 16:06:37 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.790 ng/uL
RT: 3.216 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM045249.D
Acq: 15 Apr 2024 18:06

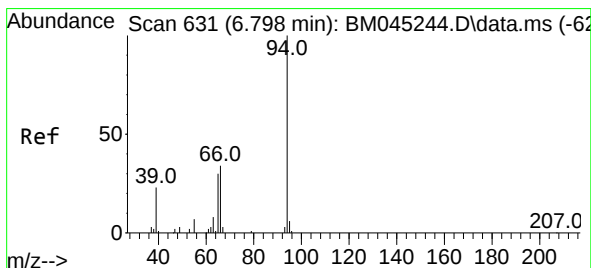
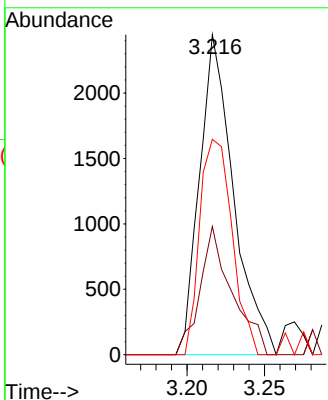
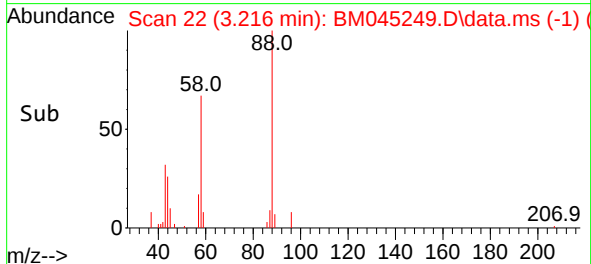
Instrument :
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ClientSampleId :
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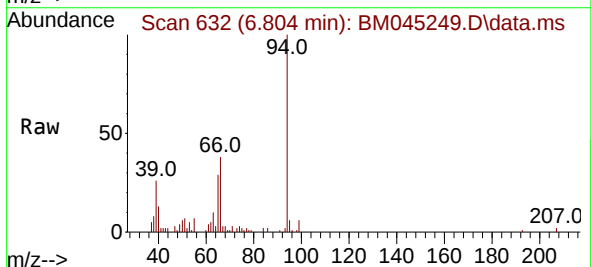
Tgt Ion: 88 Resp: 373
Ion Ratio Lower Upper
88 100
43 40.1 24.0 36.0
58 67.3 45.4 68.2

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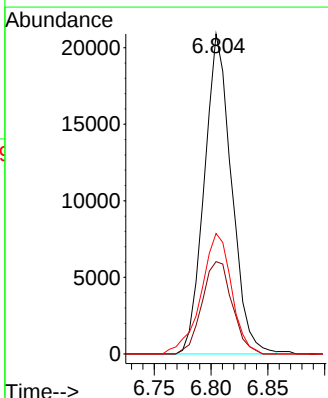
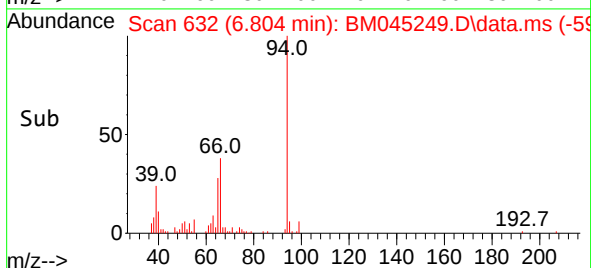
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Supervised By :mohammad ahmed 04/18/2024

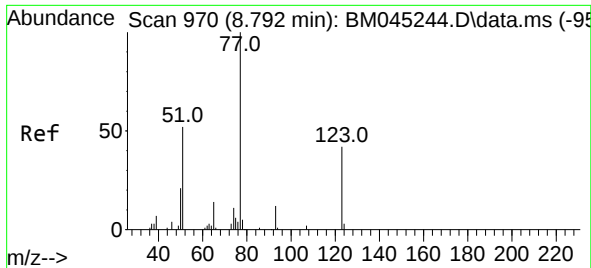


#8
Phenol
Concen: 5.323 ng/uL
RT: 6.804 min Scan# 632
Delta R.T. 0.006 min
Lab File: BM045249.D
Acq: 15 Apr 2024 18:06



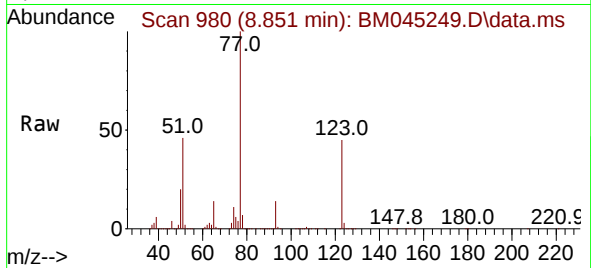
Tgt Ion: 94 Resp: 34893
Ion Ratio Lower Upper
94 100
65 28.9 21.7 32.5
66 37.7 31.9 47.9





#22
Nitrobenzene
Concen: 2825.971 ng/ul
RT: 8.851 min Scan# 91
Delta R.T. 0.059 min
Lab File: BM045249.D
Acq: 15 Apr 2024 18:06

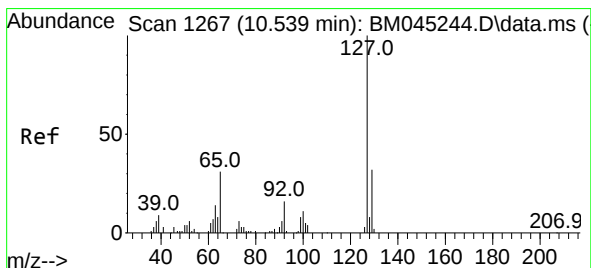
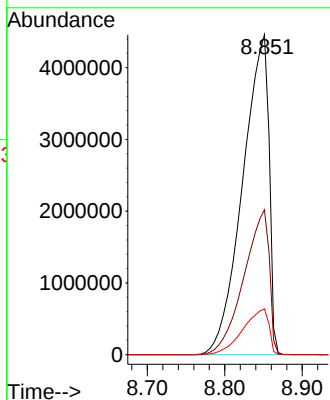
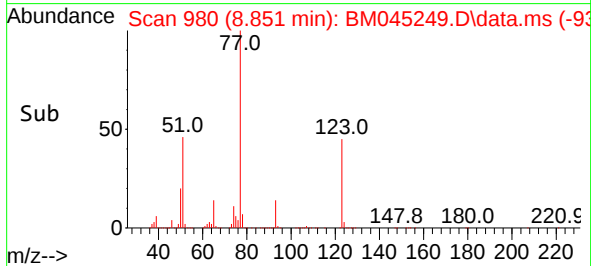
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Tgt Ion: 77 Resp:10481150
Ion Ratio Lower Upper
77 100
123 45.2 37.4 56.2
65 14.3 10.7 16.1

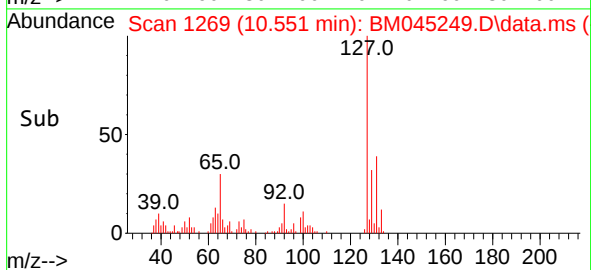
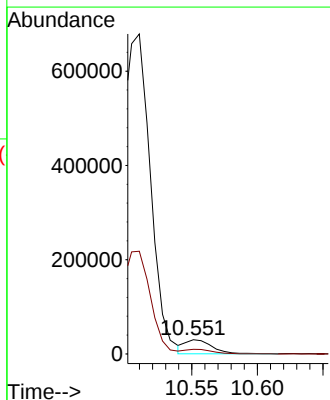
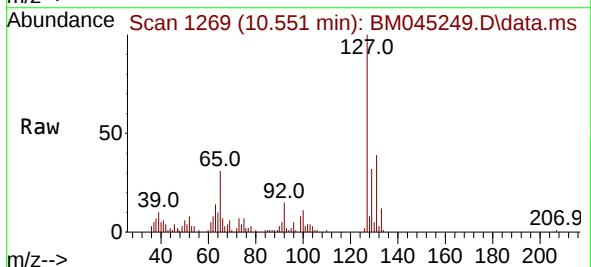
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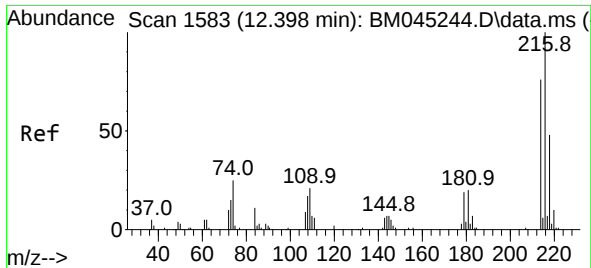
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#32
4-Chloroaniline
Concen: 9.467 ng/ul
RT: 10.551 min Scan# 1269
Delta R.T. 0.012 min
Lab File: BM045249.D
Acq: 15 Apr 2024 18:06

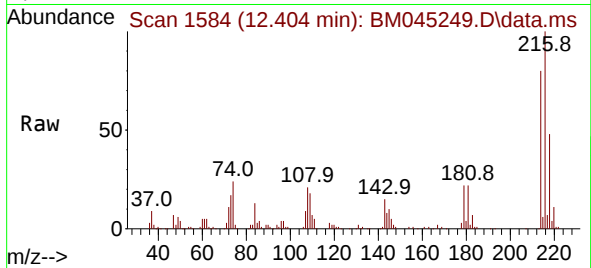
Tgt Ion:127 Resp: 42904
Ion Ratio Lower Upper
127 100
129 32.1 26.2 39.2





#39
1,2,4,5-Tetrachlorobenzene
Concen: 48.215 ng/ul m
RT: 12.404 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BM045249.D
Acq: 15 Apr 2024 18:06

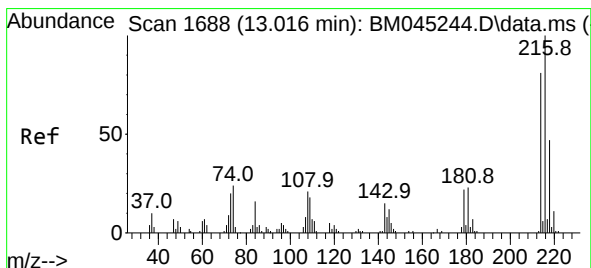
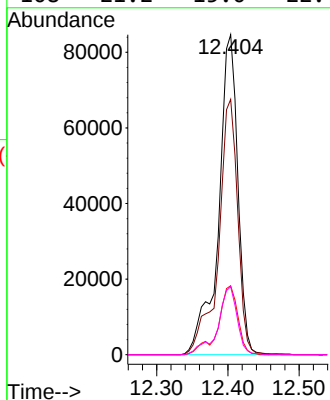
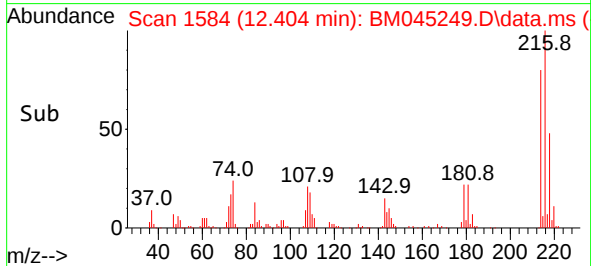
Instrument :
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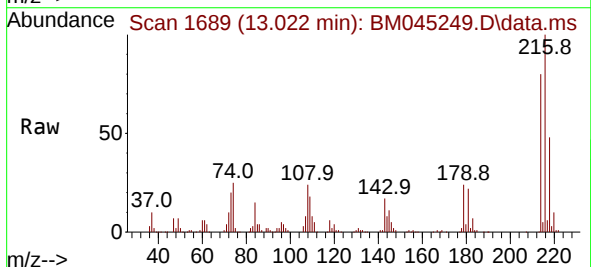
Tgt Ion:216 Resp: 159960
Ion Ratio Lower Upper
216 100
214 79.8 63.5 95.3
179 21.5 16.6 25.0
108 21.2 15.0 22.4

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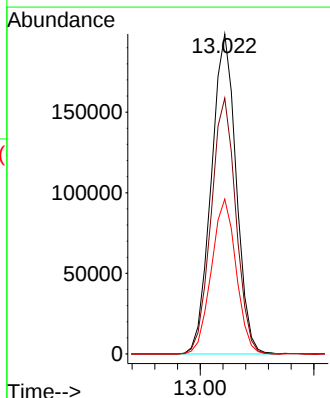
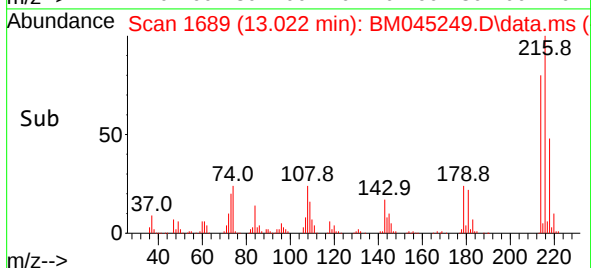
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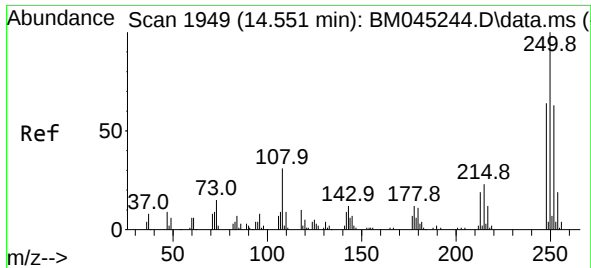


#75
1,2,3,4-Tetrachlorobenzene
Concen: 96.710 ng/uL
RT: 13.022 min Scan# 1689
Delta R.T. 0.006 min
Lab File: BM045249.D
Acq: 15 Apr 2024 18:06



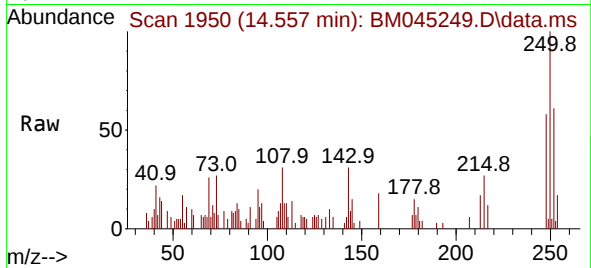
Tgt Ion:216 Resp: 302329
Ion Ratio Lower Upper
216 100
214 79.9 64.1 96.1
218 48.4 38.6 58.0





#76
 Pentachlorobenzene
 Concen: 2.193 ng/uL
 RT: 14.557 min Scan# 1949
 Delta R.T. 0.006 min
 Lab File: BM045249.D
 Acq: 15 Apr 2024 18:06

Instrument :
 BNA_M
 ClientSampleId :
 C0RH9



Tgt Ion:250 Resp: 7294
 Ion Ratio Lower Upper
 250 100
 248 55.2 49.8 74.6
 252 62.1 49.4 74.2

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