

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
 Data File : BN031285.D
 Acq On : 28 Apr 2024 00:38
 Operator : MA/JU
 Sample : P2269-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0RQ2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/29/2024
 Supervised By :mohammad ahmed 04/29/2024

Quant Time: Apr 28 21:58:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 22:57:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	120666m	20.000	ng/uL	0.02
20) Naphthalene-d8	10.428	136	983539	20.000	ng/uL	0.02
38) Acenaphthene-d10	14.269	164	670109	20.000	ng/uL	0.00
64) Phenanthrene-d10	17.022	188	1501070	20.000	ng/uL	0.00
79) Chrysene-d12	21.251	240	1403222	20.000	ng/uL	0.00
88) Perylene-d12	24.151	264	1471184	20.000	ng/uL	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	18766	7.266	ng/uL	0.00
4) Pyridine-d5	3.558	84	58395	7.851	ng/uL	0.01
7) Phenol-d5	6.805	99	141672	13.918	ng/uL	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	387003	65.348	ng/uL	0.02
11) 2-Chlorophenol-d4	7.164	132	421627	53.199	ng/uL	0.00
15) 4-Methylphenol-d8	8.340	113	259797	30.349	ng/uL	0.00
21) Nitrobenzene-d5	8.787	128	261865	37.056	ng/uL	0.00
24) 2-Nitrophenol-d4	9.499	143	288020	39.210	ng/uL	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	456635	31.523	ng/uL	0.00
31) 4-Chloroaniline-d4	10.552	131	392710	17.348	ng/uL	0.00
46) Dimethylphthalate-d6	13.687	166	1690008	36.242	ng/uL	0.00
49) Acenaphthylene-d8	13.957	160	1898016	35.919	ng/uL	0.00
54) 4-Nitrophenol-d4	14.487	143	76002	7.809	ng/uL	0.00
60) Fluorene-d10	15.263	176	1430176	35.231	ng/uL	0.00
65) 4,6-Dinitro-2-methylph...	15.392	200	278798	36.814	ng/uL	0.00
73) Anthracene-d10	17.116	188	2384589	36.651	ng/uL	0.00
81) Pyrene-d10	19.422	212	2850433	41.338	ng/uL	0.00
92) Benzo(a)pyrene-d12	23.957	264	2755335	39.495	ng/uL	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.834	94	13399	1.277	ng/uL#	93
12) 2-Chlorophenol	7.199	128	43971	5.338	ng/uL	95
22) Nitrobenzene	8.834	77	1430007	85.740	ng/uL	100
25) 2-Nitrophenol	9.528	139	26564	3.269	ng/uL	94
39) 1,2,4,5-Tetrachloroben...	12.446	216	1059894m	60.446	ng/uL	
75) 1,2,3,4-Tetrachloroben...	13.063	216	2102410	119.409	ng/uL	96
76) Pentachlorobenzene	14.581	250	69897	3.844	ng/uL	97

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

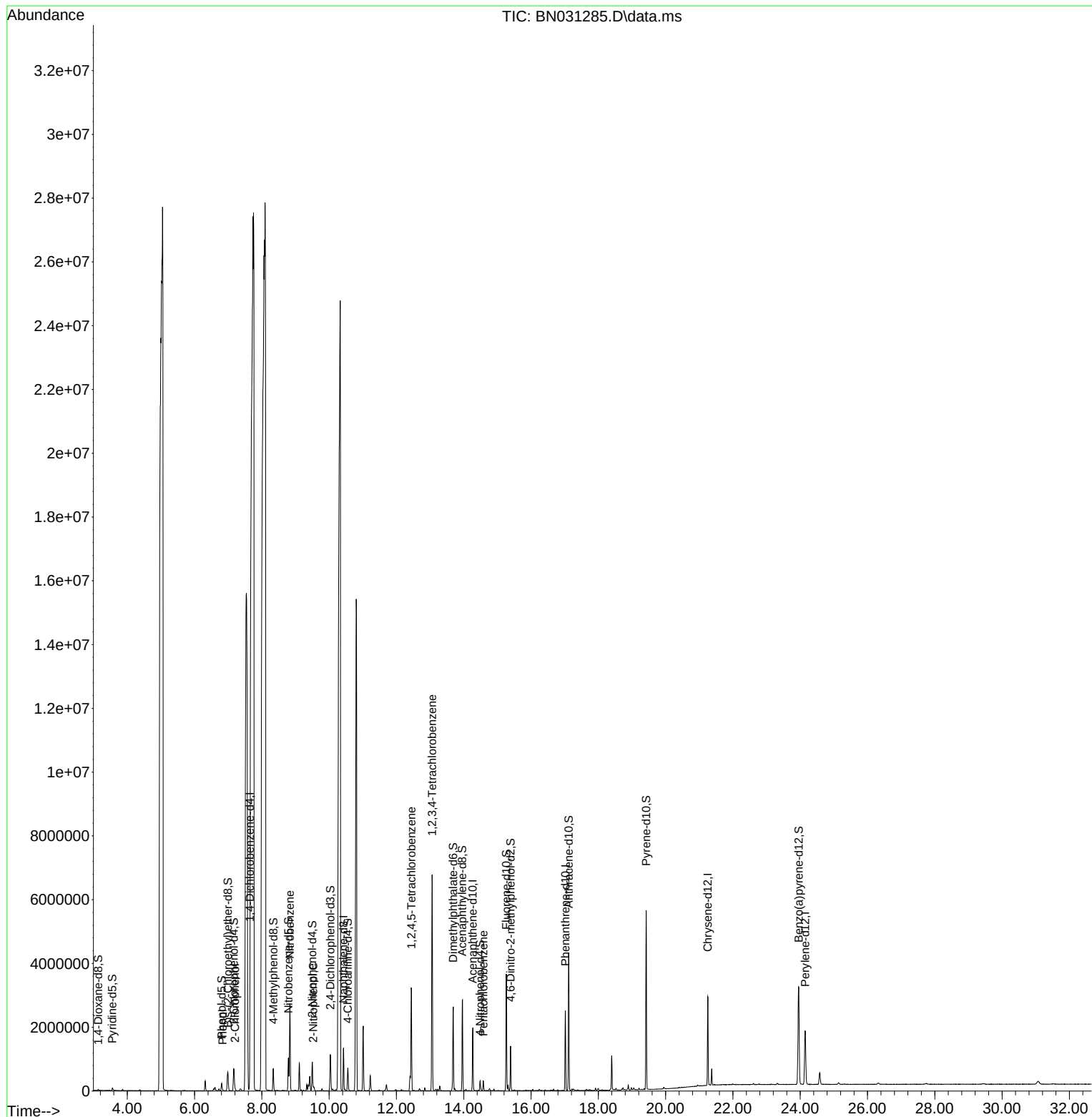
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
Data File : BN031285.D
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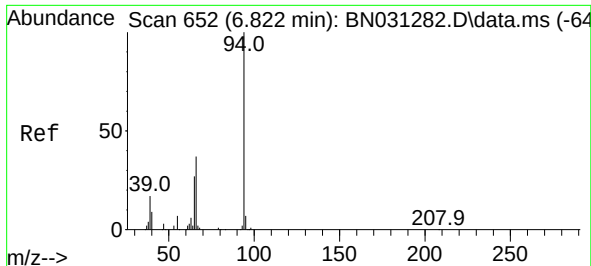
Instrument :
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Quant Title : SVOA CALIBRATION
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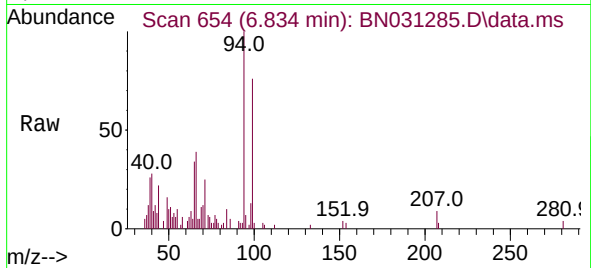
Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 04/29/2024





#8
Phenol
Concen: 1.277 ng/ul
RT: 6.834 min Scan# 652
Delta R.T. 0.006 min
Lab File: BN031285.D
Acq: 28 Apr 2024 00:38

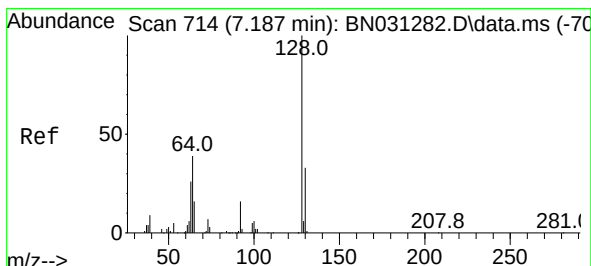
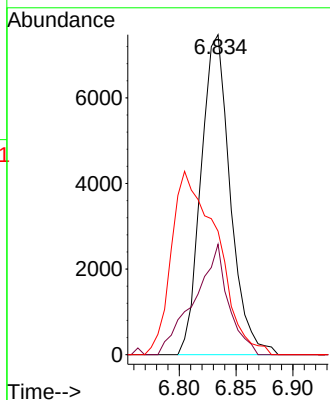
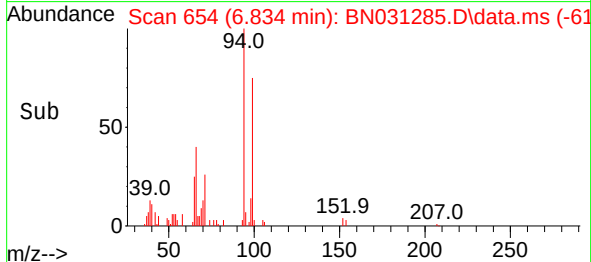
Instrument :
BNA_N
ClientSampleId :
C0RQ2



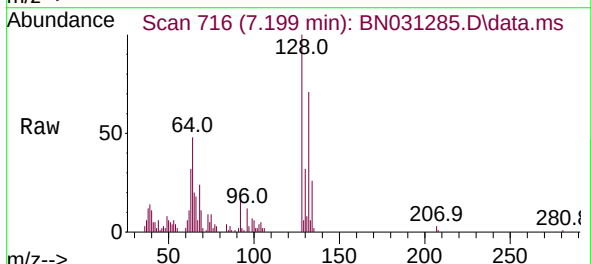
Tgt Ion: 94 Resp: 1339
Ion Ratio Lower Upper
94 100
65 34.5 22.0 33.0
66 38.6 29.8 44.6

Manual Integrations
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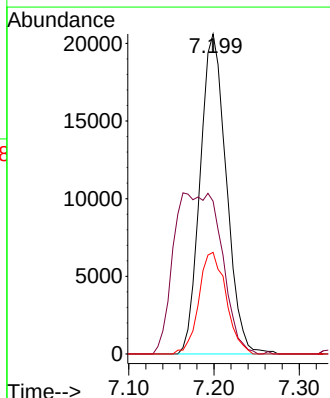
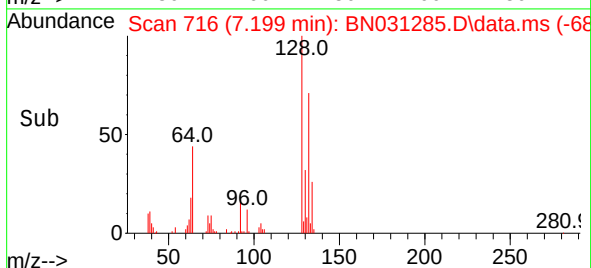
Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 04/29/2024

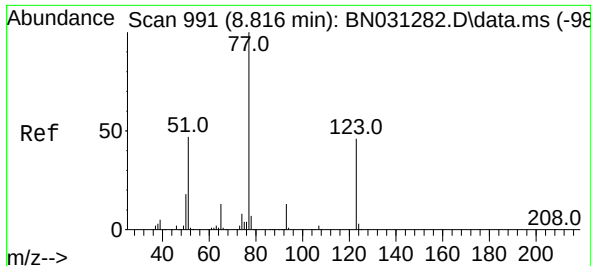


#12
2-Chlorophenol
Concen: 5.338 ng/ul
RT: 7.199 min Scan# 716
Delta R.T. 0.012 min
Lab File: BN031285.D
Acq: 28 Apr 2024 00:38



Tgt Ion:128 Resp: 43971
Ion Ratio Lower Upper
128 100
64 47.8 34.9 52.3
130 31.7 27.0 40.4





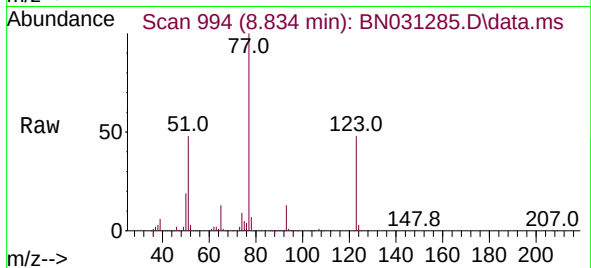
#22
Nitrobenzene
Concen: 85.740 ng/ul
RT: 8.834 min Scan# 991
Delta R.T. 0.012 min
Lab File: BN031285.D
Acq: 28 Apr 2024 00:38

Instrument :

BNA_N

ClientSampleId :

C0RQ2

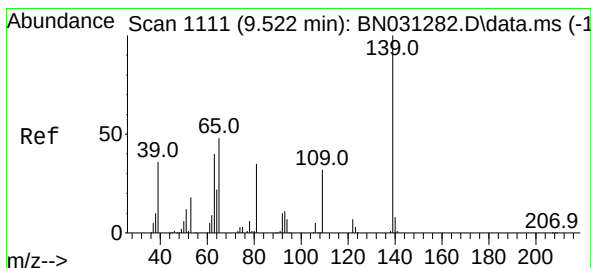
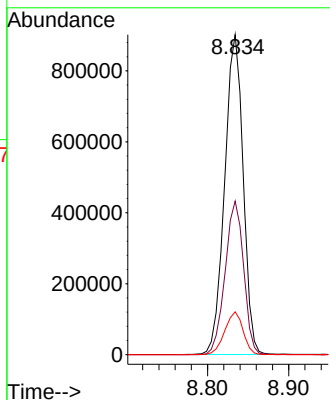
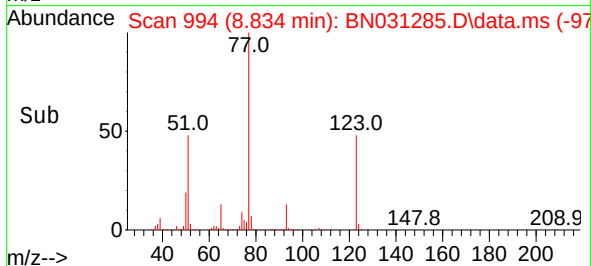


Tgt Ion: 77 Resp: 143000
Ion Ratio Lower Upper
77 100
123 48.0 38.2 57.2
65 13.4 10.7 16.1

Manual Integrations

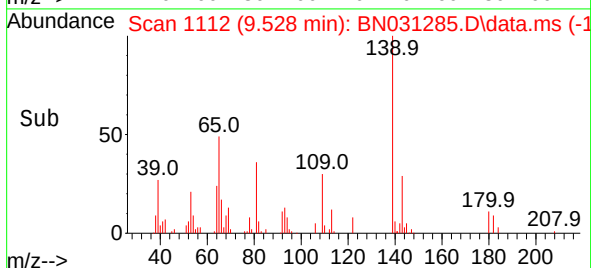
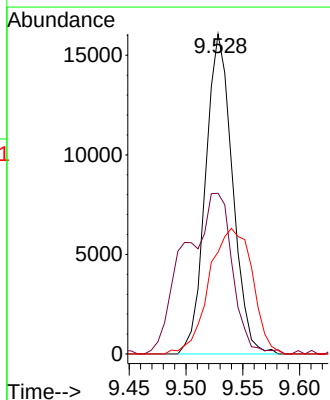
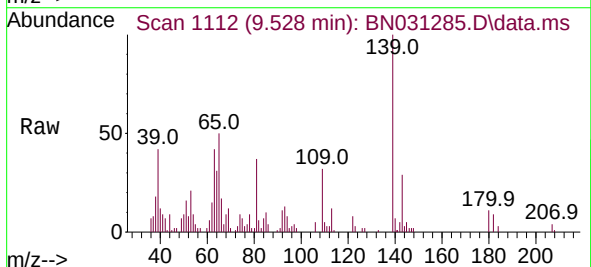
APPROVED

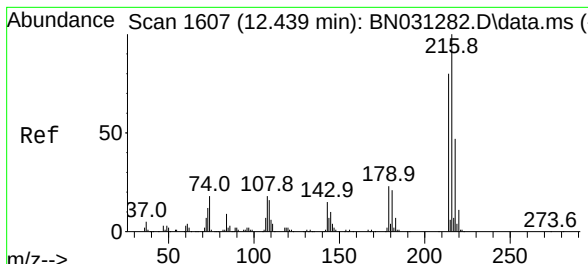
Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 04/29/2024



#25
2-Nitrophenol
Concen: 3.269 ng/ul
RT: 9.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BN031285.D
Acq: 28 Apr 2024 00:38

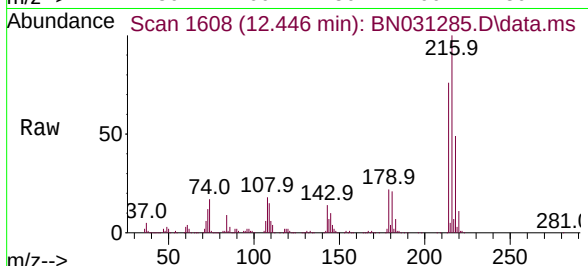
Tgt Ion:139 Resp: 26564
Ion Ratio Lower Upper
139 100
65 50.2 35.2 52.8
109 31.8 25.4 38.0





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 60.446 ng/ul m
 RT: 12.446 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: BN031285.D
 Acq: 28 Apr 2024 00:38

Instrument :
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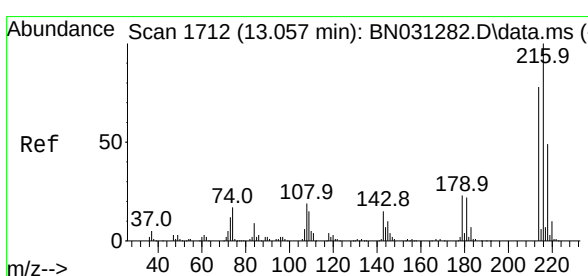
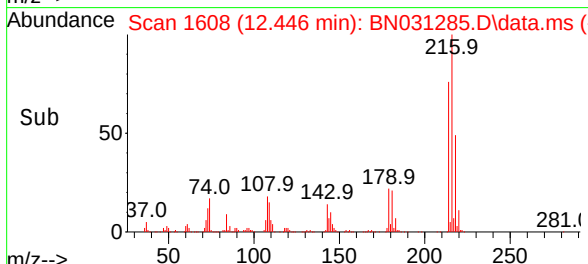
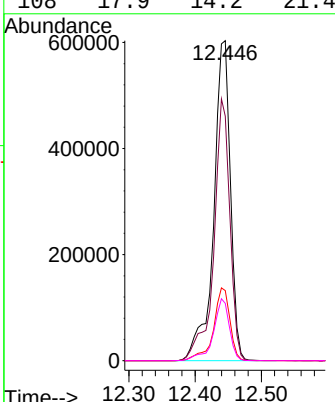


Tgt Ion:216 Resp: 1059894

Ion	Ratio	Lower	Upper
216	100		
214	76.4	63.1	94.7
179	21.9	17.0	25.6
108	17.9	14.2	21.4

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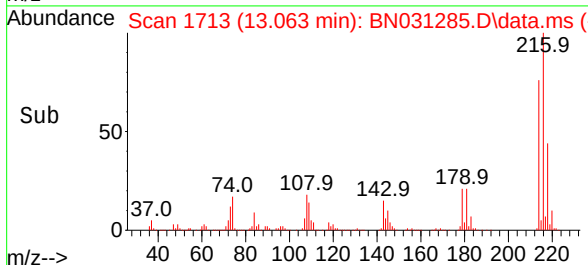
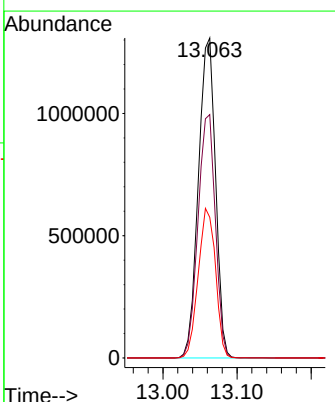
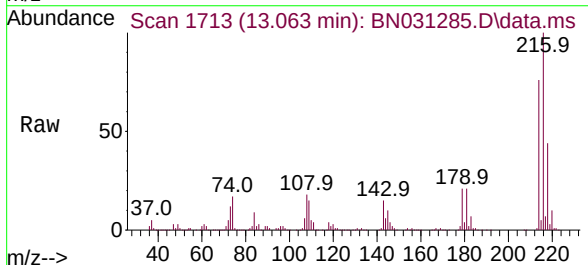
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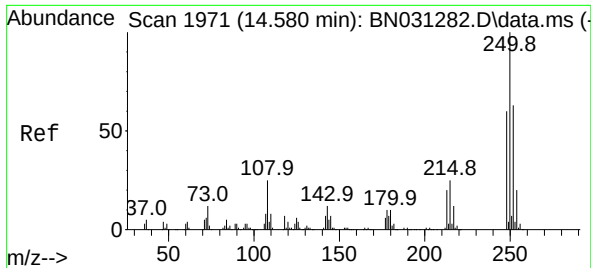


#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 119.409 ng/uL
 RT: 13.063 min Scan# 1713
 Delta R.T. 0.006 min
 Lab File: BN031285.D
 Acq: 28 Apr 2024 00:38

Tgt Ion:216 Resp: 2102410

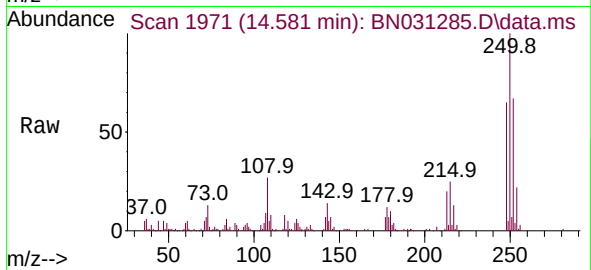
Ion	Ratio	Lower	Upper
216	100		
214	76.1	63.0	94.6
218	44.0	38.3	57.5





#76
 Pentachlorobenzene
 Concen: 3.844 ng/uL
 RT: 14.581 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: BN031285.D
 Acq: 28 Apr 2024 00:38

Instrument :
 BNA_N
 ClientSampleId :
 C0RQ2



Tgt Ion:250 Resp: 6989
 Ion Ratio Lower Upper
 250 100
 248 65.2 49.3 73.9
 252 66.8 52.9 79.3

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 APPROVED

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