

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
 Data File : BN025093.D
 Acq On : 23 Apr 2023 01:51
 Operator : CG/JU
 Sample : 02399-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COMP2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/24/2023
 Supervised By : Jagrut Upadhyay 04/24/2023

Quant Time: Apr 23 02:53:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Apr 23 01:54:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	156898m	20.000	ng/u1	0.04
20) Naphthalene-d8	10.740	136	1121835	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.563	164	676437	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	1528412	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	1523611	20.000	ng/u1	0.00
88) Perylene-d12	23.933	264	1762520	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	30485	7.395	ng/uL	0.00
4) Pyridine-d5	3.734	84	174336	14.123	ng/u1	0.02
7) Phenol-d5	7.087	99	153967	10.065	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.281	67	942826	92.152	ng/u1	0.04
11) 2-Chlorophenol-d4	7.458	132	496712	44.186	ng/u1	0.01
15) 4-Methylphenol-d8	8.646	113	307769	25.344	ng/u1	0.02
21) Nitrobenzene-d5	9.105	128	346064	38.099	ng/u1	0.02
24) 2-Nitrophenol-d4	9.822	143	371771	37.787	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.358	165	569586	32.389	ng/u1	0.01
31) 4-Chloroaniline-d4	10.899	131	830164	31.107	ng/u1	0.03
46) Dimethylphthalate-d6	13.975	166	2191890	41.799	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	2436840	40.552	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	68593	6.381	ng/u1	0.00
60) Fluorene-d10	15.557	176	1728619	39.043	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	284539	28.606	ng/u1	0.00
73) Anthracene-d10	17.410	188	2864377	39.903	ng/u1	0.00
81) Pyrene-d10	19.704	212	3294963	37.242	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.780	264	3814874	41.396	ng/u1	0.00
Target Compounds						
8) Phenol	7.117	94	151728	9.524	ng/u1	99
12) 2-Chlorophenol	7.493	128	362679	30.890	ng/u1	97
16) Acetophenone	8.769	105	34217	1.782	ng/u1	92
22) Nitrobenzene	9.146	77	352643	14.448	ng/u1	98
32) 4-Chloroaniline	10.916	127	893697	33.080	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.757	216	87818	4.451	ng/u1	98

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

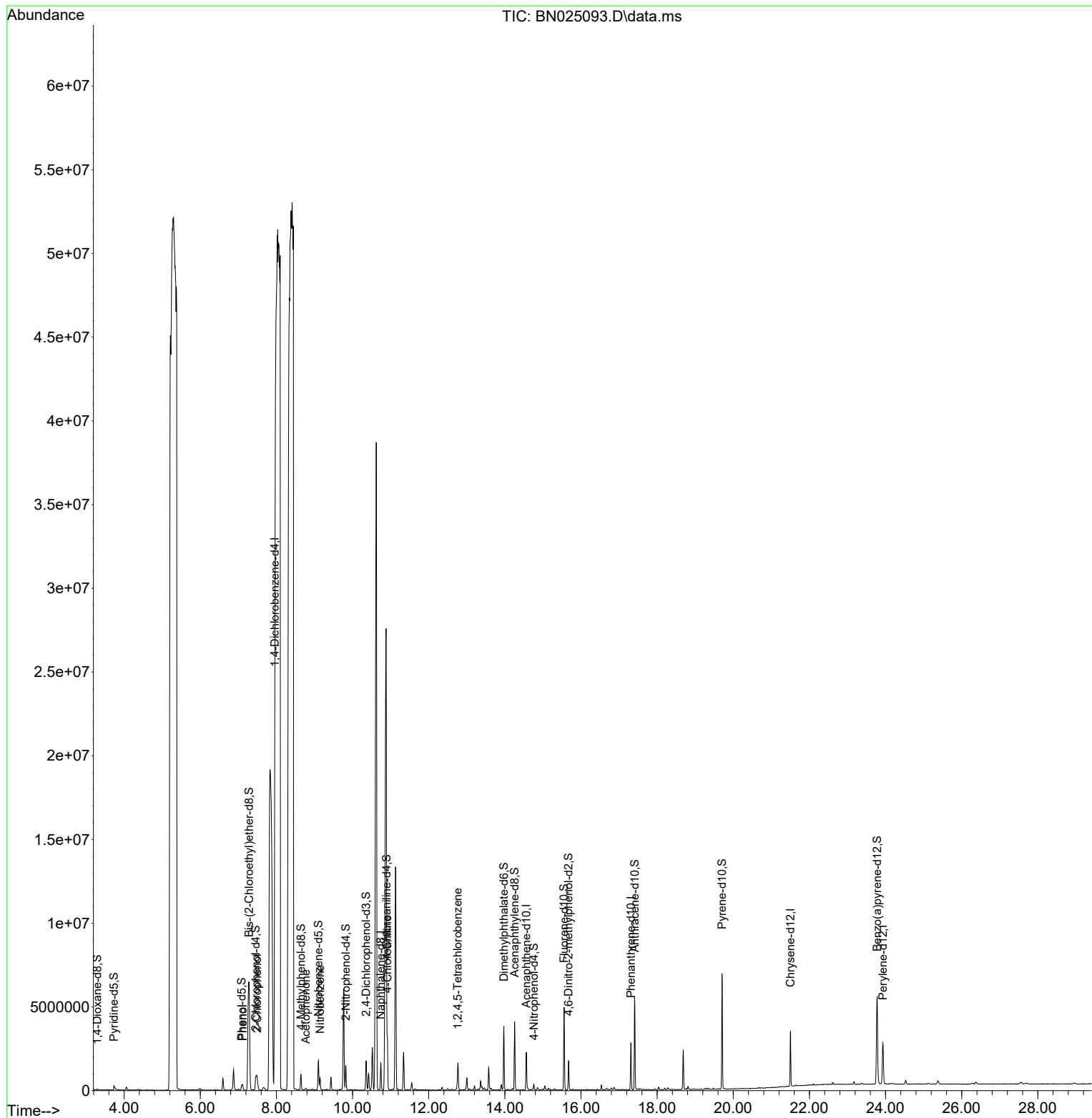
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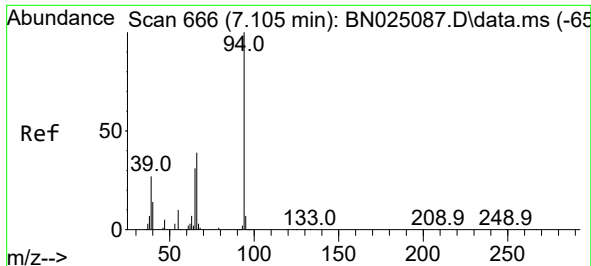
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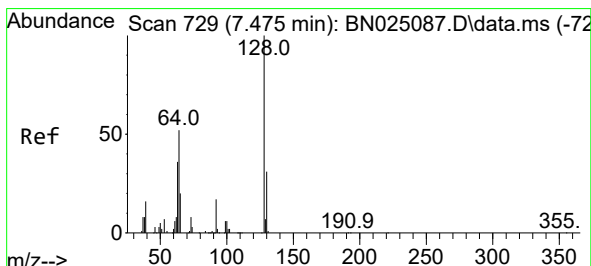
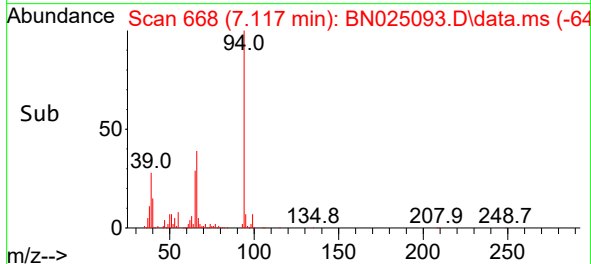
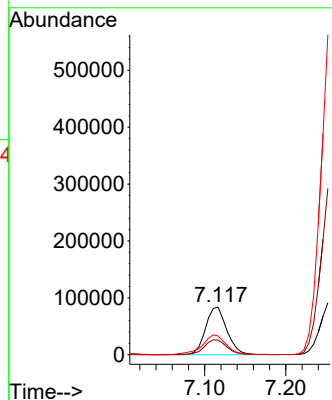
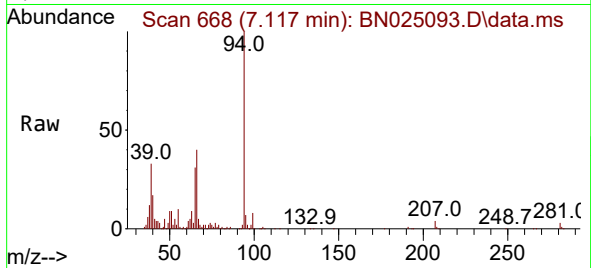
#8
Phenol
Concen: 9.524 ng/ul
RT: 7.117 min Scan# 666
Delta R.T. 0.012 min
Lab File: BN025093.D
Acq: 23 Apr 2023 01:51

Instrument :
BNA_N
ClientSampleId :
COMP2

Tgt Ion: 94 Resp: 151728
Ion Ratio Lower Upper
94 100
65 30.8 25.1 37.7
66 39.5 31.9 47.9

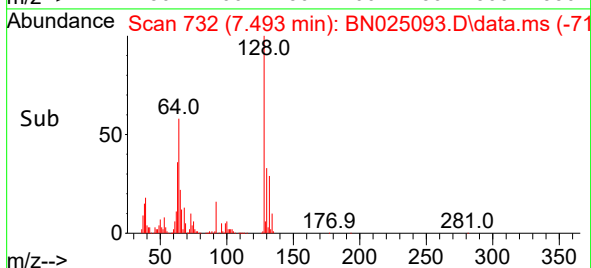
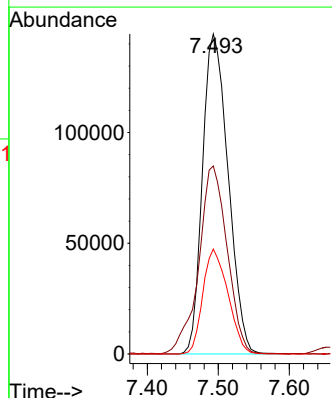
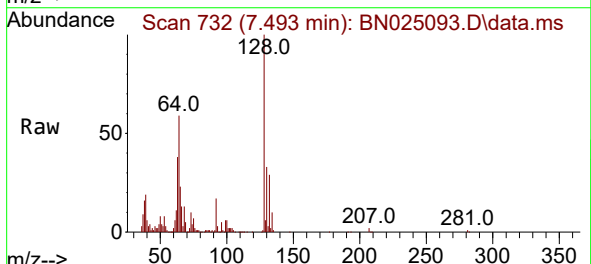
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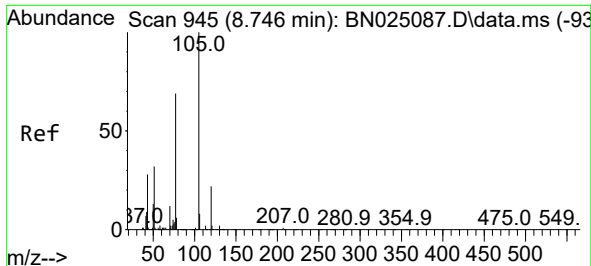
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#12
2-Chlorophenol
Concen: 30.890 ng/ul
RT: 7.493 min Scan# 732
Delta R.T. 0.018 min
Lab File: BN025093.D
Acq: 23 Apr 2023 01:51

Tgt Ion:128 Resp: 362679
Ion Ratio Lower Upper
128 100
64 58.8 44.8 67.2
130 32.8 26.6 39.8





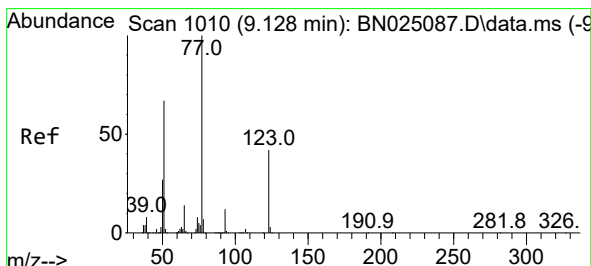
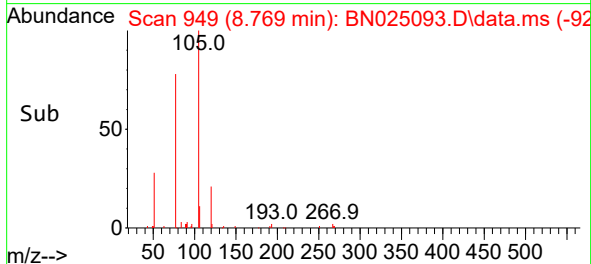
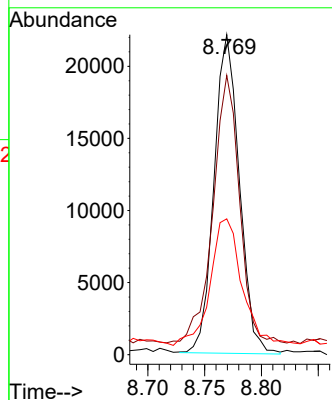
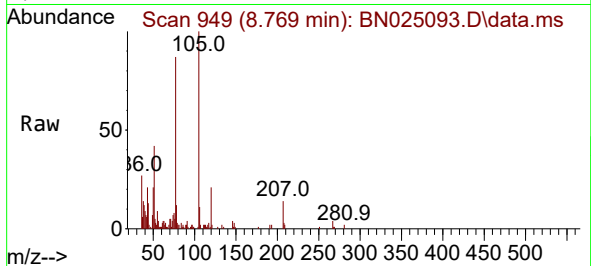
#16
Acetophenone
Concen: 1.782 ng/ul
RT: 8.769 min Scan# 945
Delta R.T. 0.024 min
Lab File: BN025093.D
Acq: 23 Apr 2023 01:51

Instrument :
BNA_N
ClientSampleId :
COMP2

Tgt Ion	Ratio	Lower	Upper
105	100		
77	87.3	64.8	97.2
51	42.4	28.7	43.1

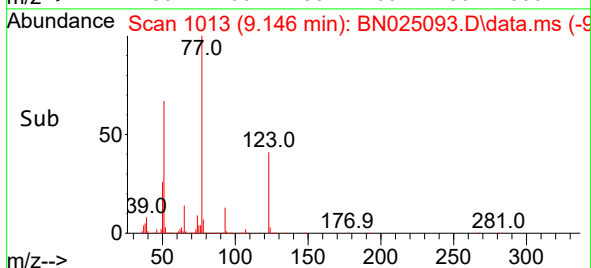
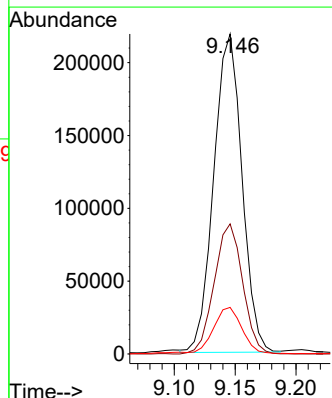
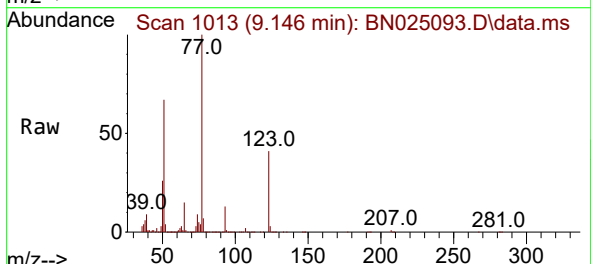
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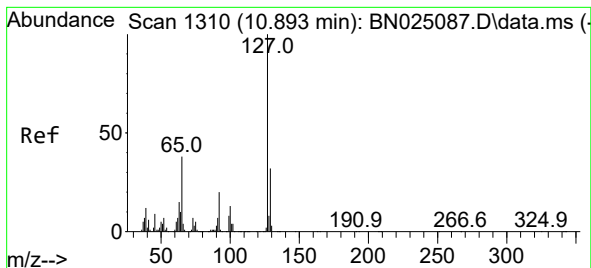
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#22
Nitrobenzene
Concen: 14.448 ng/ul
RT: 9.146 min Scan# 1013
Delta R.T. 0.018 min
Lab File: BN025093.D
Acq: 23 Apr 2023 01:51

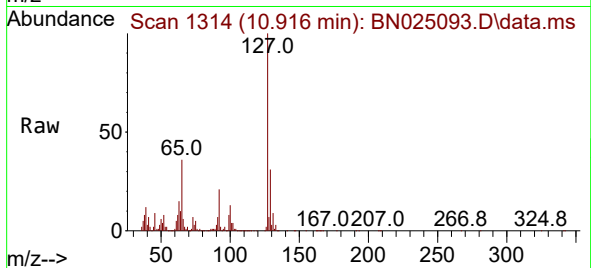
Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.6	33.5	50.3
65	14.5	11.8	17.8





#32
4-Chloroaniline
Concen: 33.080 ng/ul
RT: 10.916 min Scan# 11
Delta R.T. 0.024 min
Lab File: BN025093.D
Acq: 23 Apr 2023 01:51

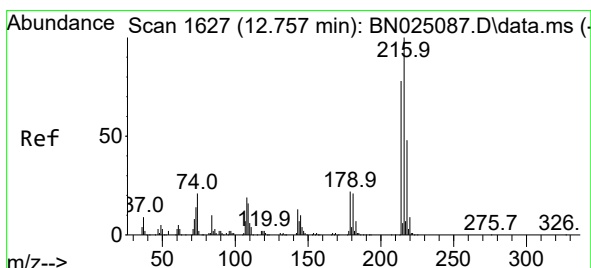
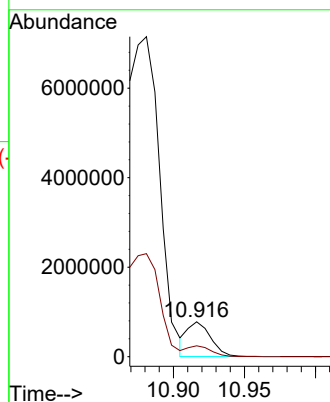
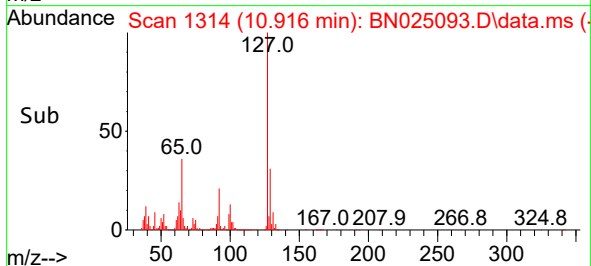
Instrument :
BNA_N
ClientSampleId :
COMP2



Tgt Ion:127 Resp: 89369
Ion Ratio Lower Upper
127 100
129 31.1 25.5 38.3

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#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.451 ng/ul
RT: 12.757 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BN025093.D
Acq: 23 Apr 2023 01:51

Tgt Ion:216 Resp: 87818
Ion Ratio Lower Upper
216 100
214 79.0 62.2 93.4
179 22.7 16.8 25.2
108 19.8 15.0 22.6

