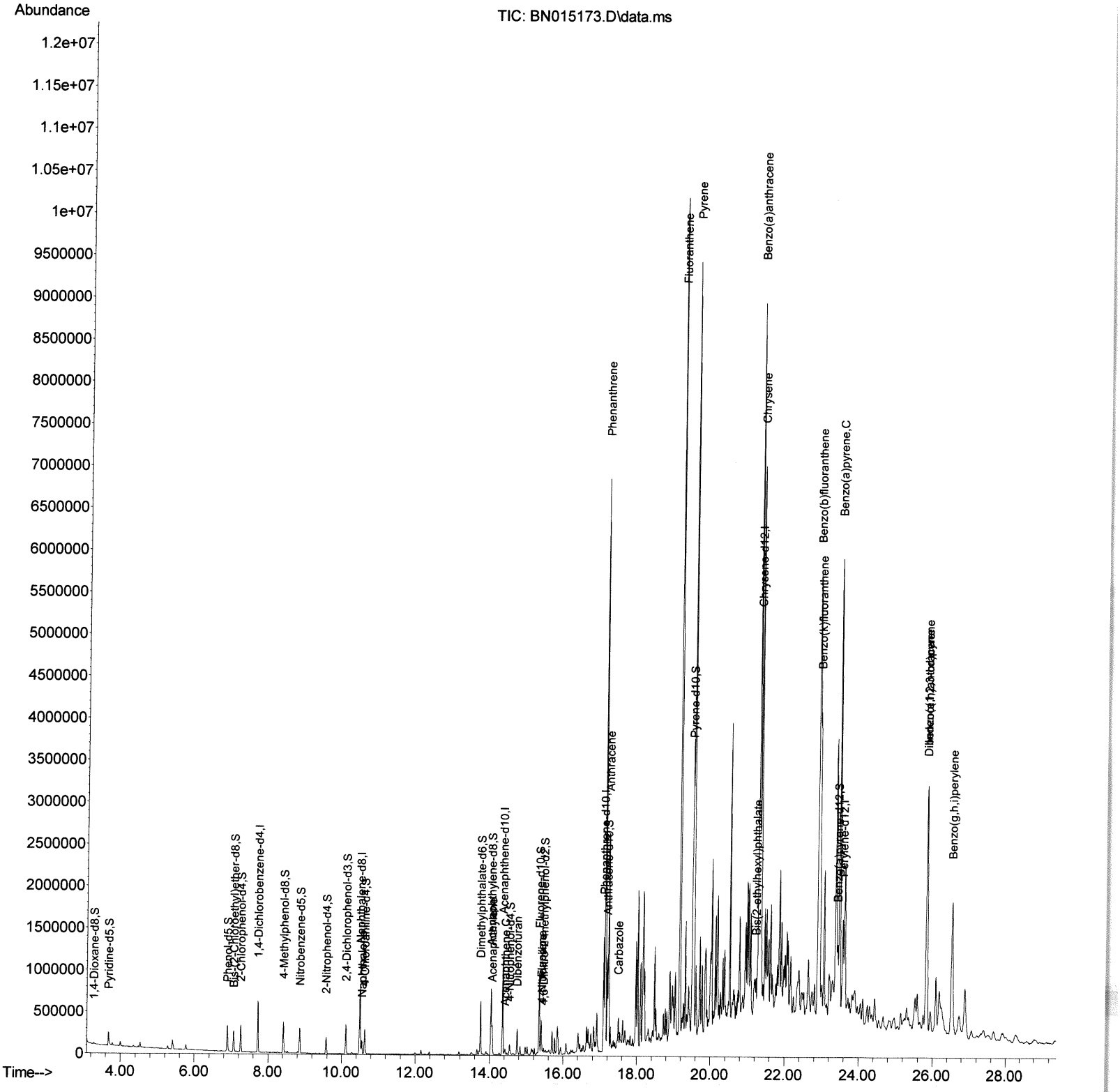
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015173.D
Acq On : 28 Jun 2021 13:34
Operator : CG/JU
Sample : M2680-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 28 14:12:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGD73

Manual Integrations APPROVED
mohammad
6/29/2021 2:30:39 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
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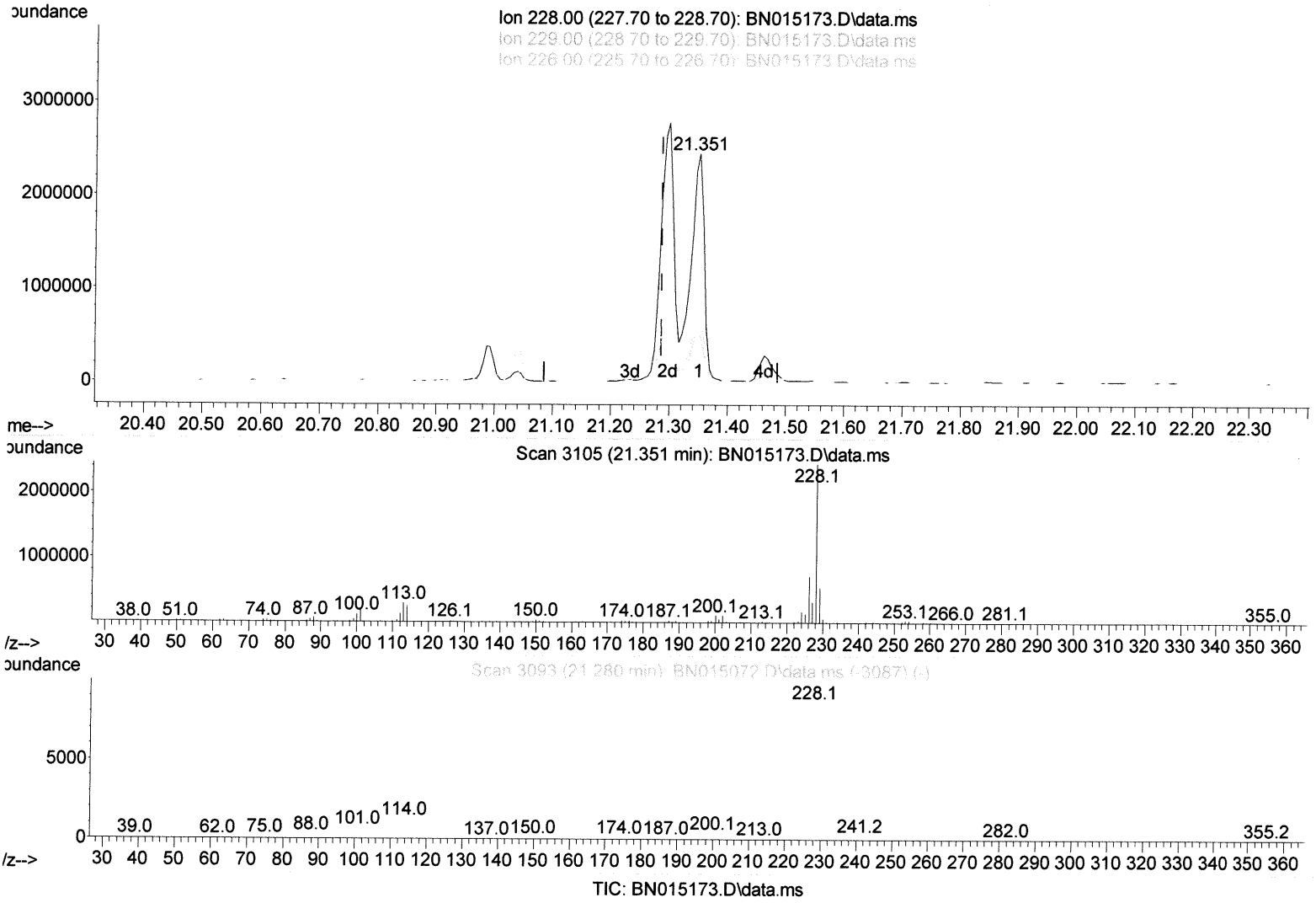

(85) Benzo(a)anthracene

21.351min (+ 0.065) 101.52 ng/ul

response 3871533

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	18.50	21.96
226.00	25.30	29.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015173.D
Acq On : 28 Jun 2021 13:34
Operator : CG/JU
Sample : M2680-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 28 14:12:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
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Instrument :
BNA_N
ClientSampleId :
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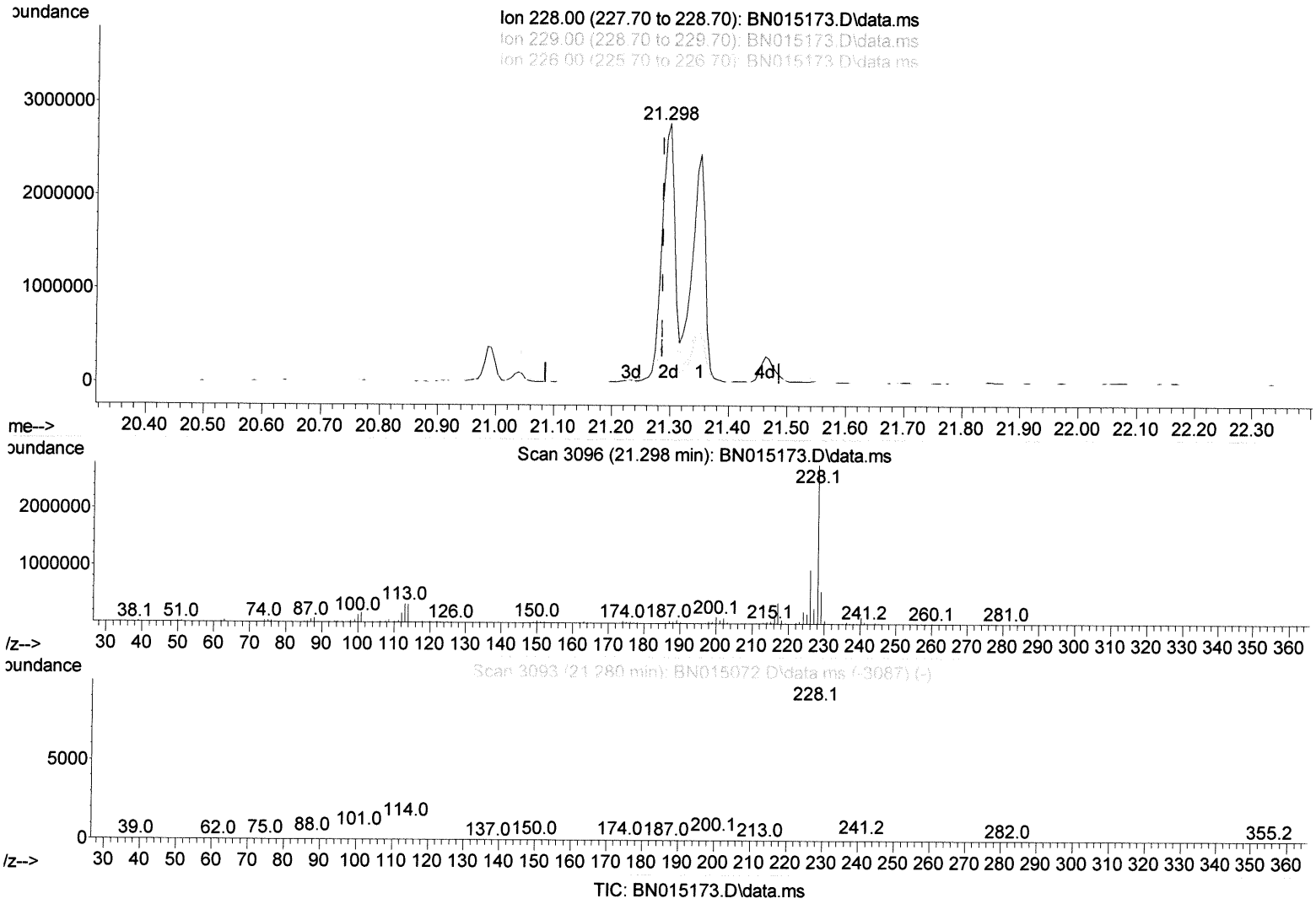
Manual Integrations APPROVED
mohammad
6/29/2021 2:30:39 PM



(85) Benzo(a)anthracene

21.298min (+ 0.012) 114.26 ng/ul m JU 6/30/21

response 4357403

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	18.50	20.40
226.00	25.30	33.86#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015173.D
Acq On : 28 Jun 2021 13:34
Operator : CG/JU
Sample : M2680-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 28 14:12:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
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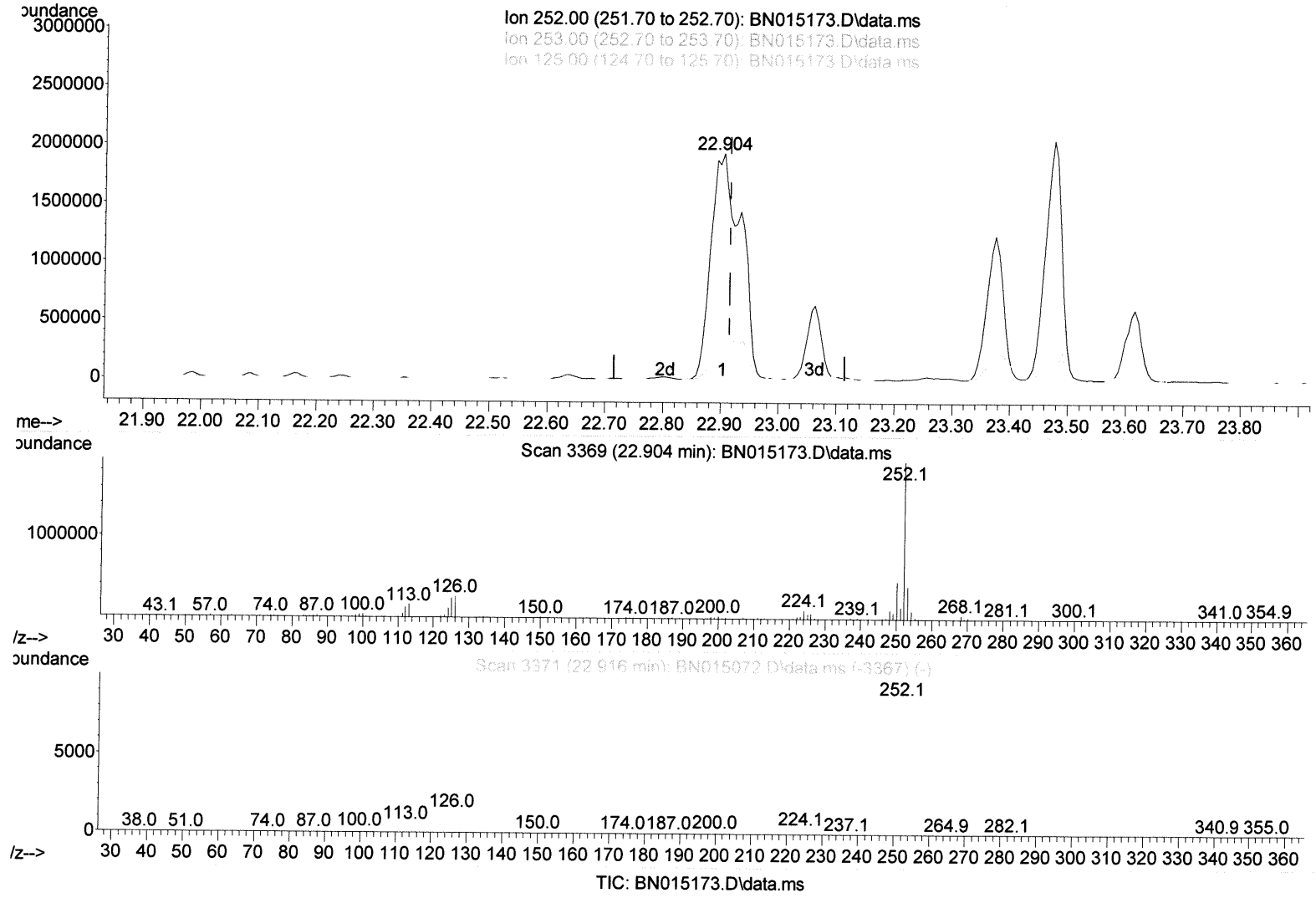
Instrument :
BNA_N
ClientSampleId :
BGD73

Manual Integrations APPROVED
mohammad
6/29/2021 2:30:39 PM



(91) Benzo(k)fluoranthene

22.904min (-0.012) 108.24 ng/ul

response 4884982

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.50	20.66
125.00	11.00	12.14
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015173.D
Acq On : 28 Jun 2021 13:34
Operator : CG/JU
Sample : M2680-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 28 14:12:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
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Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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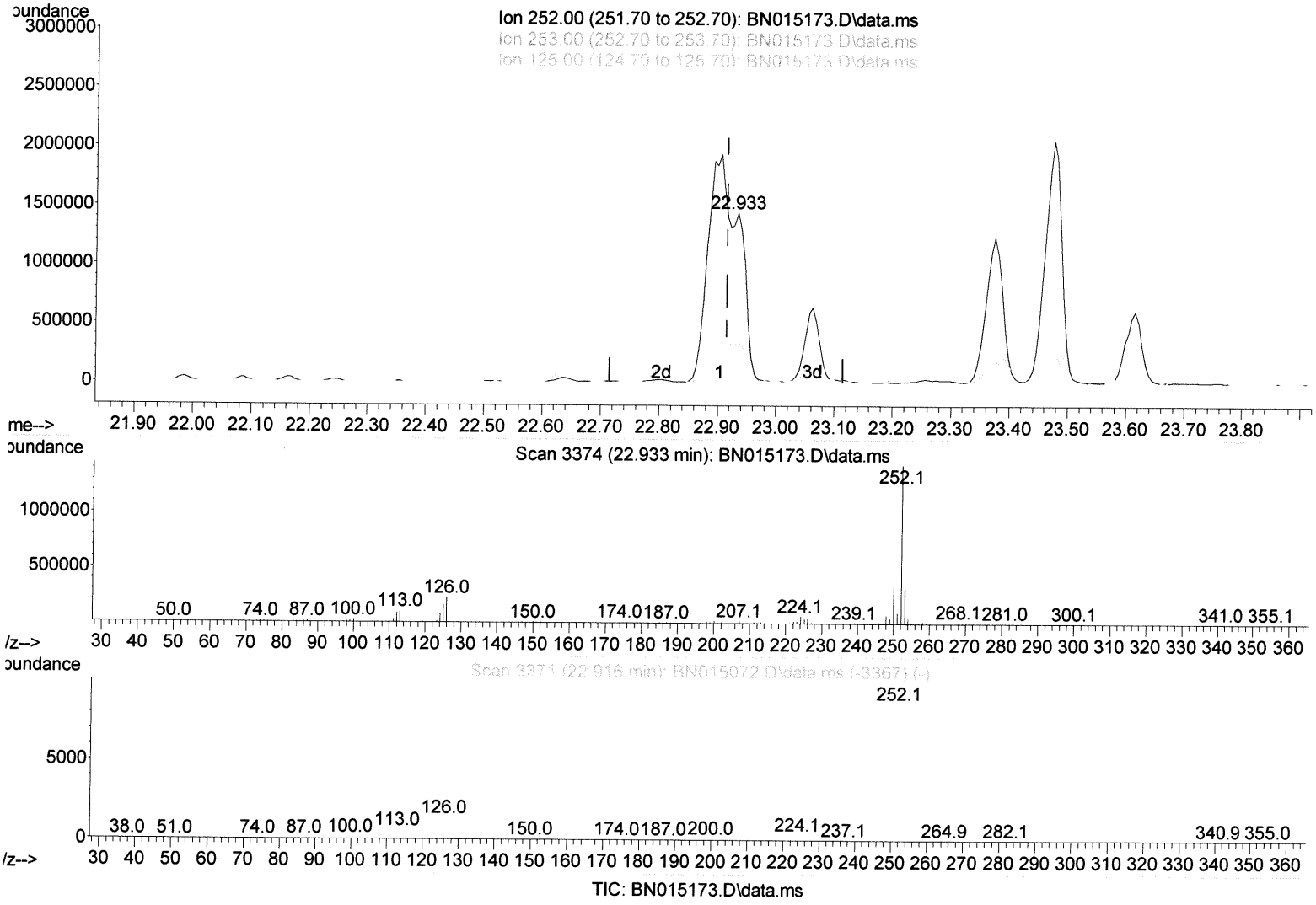


(91) Benzo(k)fluoranthene

22.933min (+ 0.018) 47.37 ng/ul m

response 2137677

JU 6/30/21

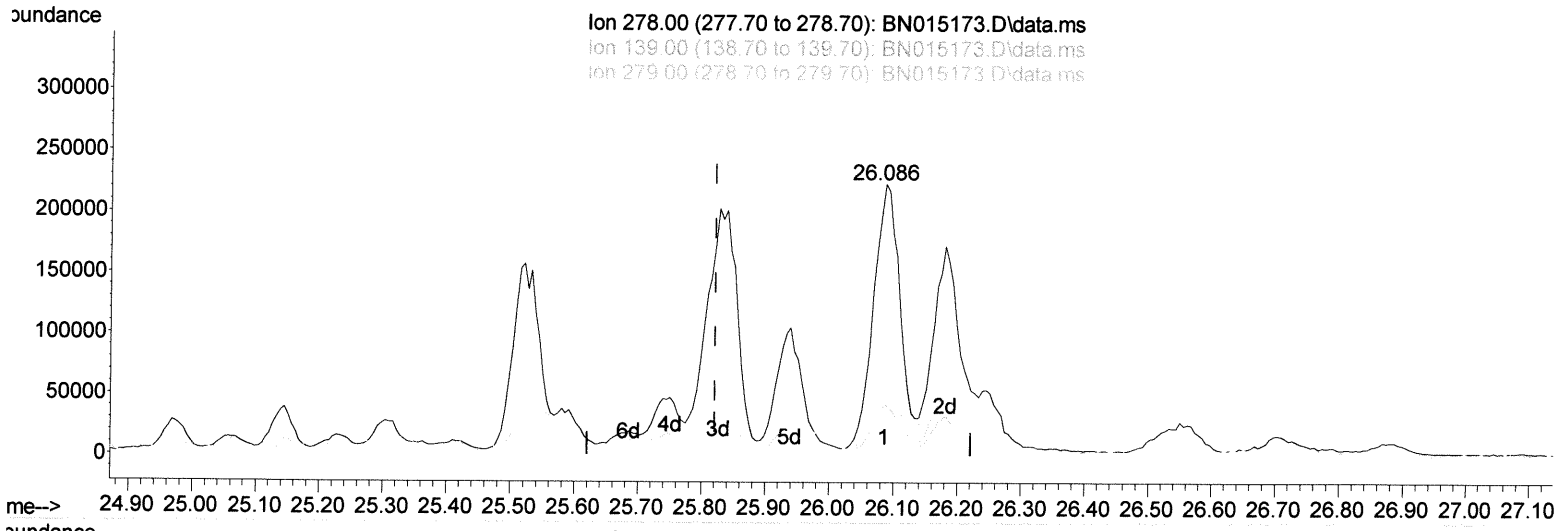
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.50	22.01
125.00	11.00	11.19
0.00	0.00	0.00

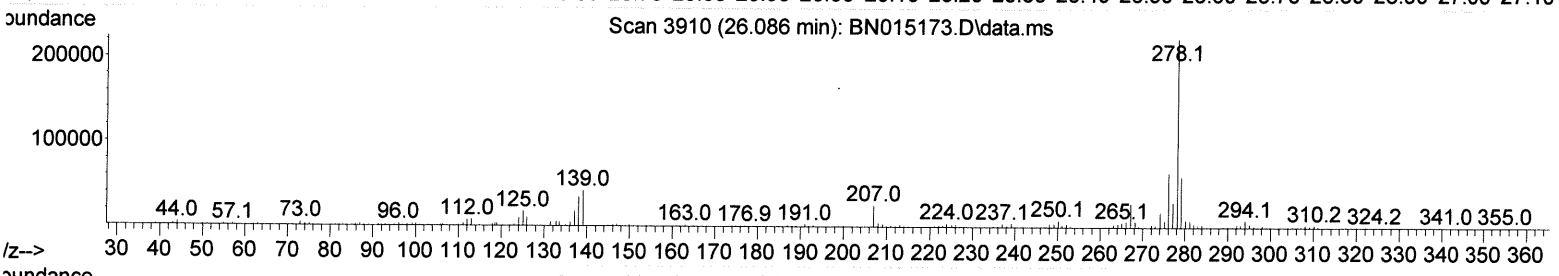
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015173.D
Acq On : 28 Jun 2021 13:34
Operator : CG/JU
Sample : M2680-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

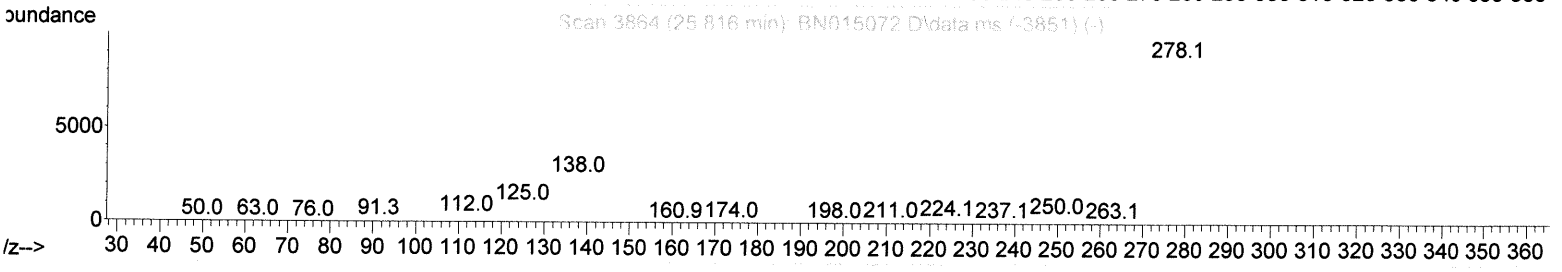
Quant Time: Jun 28 14:12:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGD73

Manual Integrations APPROVED
mohammad
6/29/2021 2:30:39 PM







TIC: BN015173.D\data.ms

(95) Dibenzo(a,h)anthracene

26.086min (+ 0.265) 15.40 ng/ul

response 627576

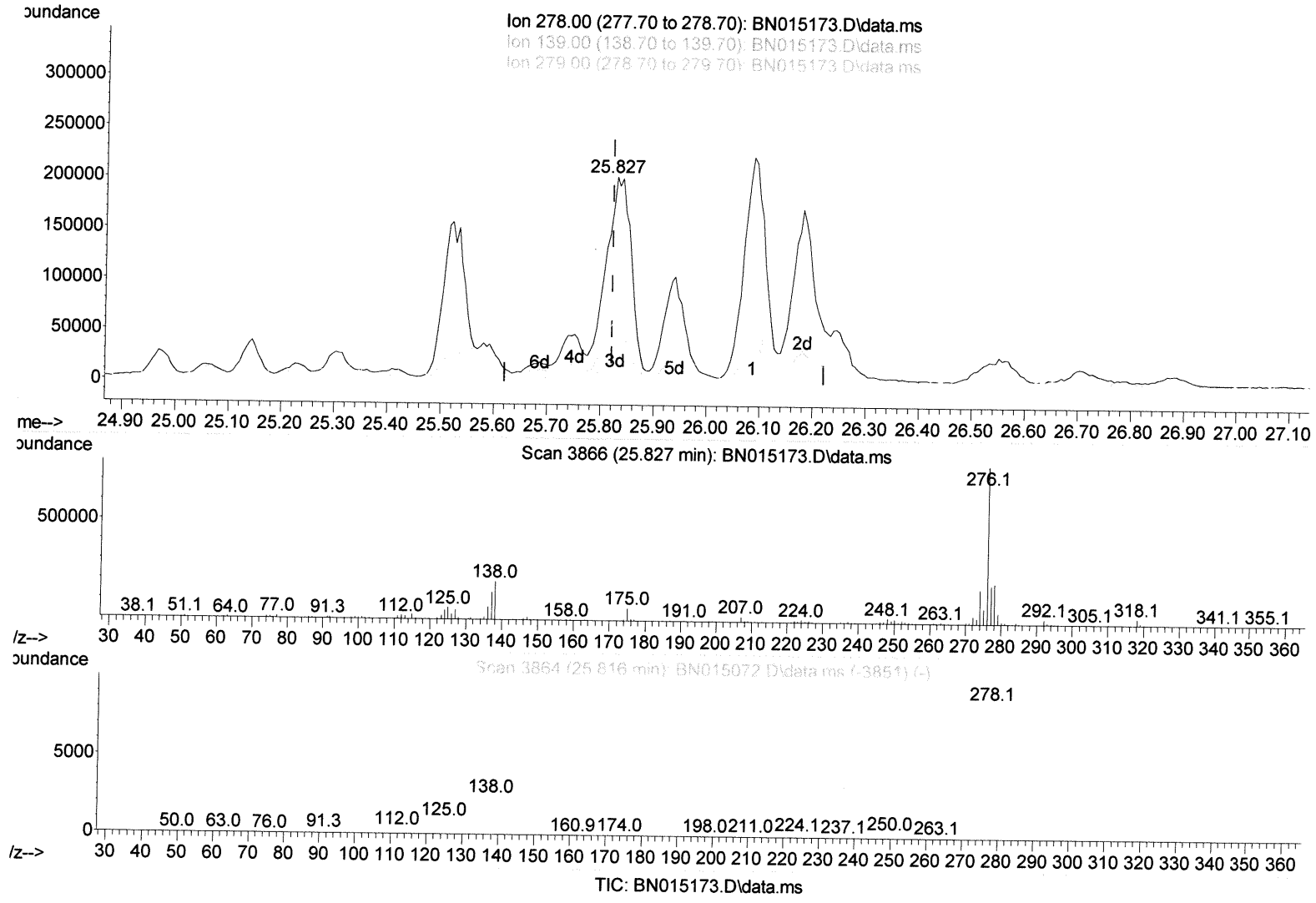
Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.50	18.82
279.00	25.30	26.96
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015173.D
Acq On : 28 Jun 2021 13:34
Operator : CG/JU
Sample : M2680-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 28 14:12:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGD73

Manual Integrations APPROVED
mohammad
6/29/2021 2:30:39 PM



(95) Dibenzo(a,h)anthracene

25.827min (+ 0.006) 15.43 ng/ul m JG 6/30/21

response 628685

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.50	0.00#
279.00	25.30	27.19
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015173.D
Acq On : 28 Jun 2021 13:34
Operator : CG/JU
Sample : M2680-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGD73

Manual Integrations APPROVED
mohammad
6/29/2021 2:30:39 PM

Quant Time: Jun 28 14:12:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	161047	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	680895	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	395639	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	786480	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	616561	20.000	ng/ul	0.01
88) Perylene-d12	23.563	264	740472	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	9249	2.235	ng/uL	0.00
4) Pyridine-d5	3.675	84	91182	8.172	ng/ul	0.00
7) Phenol-d5	6.893	99	178511	12.771	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	109495	13.339	ng/ul	0.00
11) 2-Chlorophenol-d4	7.258	132	138158	13.035	ng/ul	0.00
15) 4-Methylphenol-d8	8.416	113	135018	12.516	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	70250	15.083	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	59712	14.392	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	122192	12.478	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	149931	9.879	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	410975	15.127	ng/ul	0.00
49) Acenaphthylene-d8	14.040	160	531793	15.079	ng/ul	0.00
54) 4-Nitrophenol-d4	14.540	143	26708	5.636	ng/ul	0.00
60) Fluorene-d10	15.345	176	376356	15.924	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	12568	3.869	ng/ul	0.00
73) Anthracene-d10	17.198	188	566584	15.740	ng/ul	0.00
81) Pyrene-d10	19.498	212	565943	17.512	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.416	264	587446	16.070	ng/ul	0.01
Target Compounds						Qvalue
30) Naphthalene	10.546	128	124213	3.575	ng/ul	100
50) Acenaphthylene	14.069	152	240326	7.222	ng/ul	99
52) Acenaphthene	14.410	153	29161	1.246	ng/ul	97
56) Dibenzofuran	14.745	168	151824	4.617	ng/ul	95
61) Fluorene	15.398	166	146961	5.646	ng/ul	94
63) 4-Nitroaniline	15.416	138	6256	1.344	ng/ul	96
72) Phenanthrene	17.145	178	4319770	104.065	ng/ul	99
74) Anthracene	17.233	178	1623460	38.097	ng/ul	99
77) Carbazole	17.498	167	215037	5.599	ng/ul	99
80) Fluoranthene	19.175	202	7145372	183.165	ng/ul	98
82) Pyrene	19.539	202	6244997	153.590	ng/ul	99
85) Benzo(a)anthracene	21.298	228	4357403m	114.261	ng/ul	JU 6/30/21
86) Bis(2-ethylhexyl)phtha...	21.233	149	88059	3.794	ng/ul	99
87) Chrysene	21.351	228	3872071	103.109	ng/ul	97
90) Benzo(b)fluoranthene	22.904	252	4884982	109.553	ng/ul	97
91) Benzo(k)fluoranthene	22.933	252	2137677m	47.368	ng/ul	JU 6/30/21
93) Benzo(a)pyrene	23.474	252	4023948	99.286	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.833	276	2432988	49.480	ng/ul#	91
95) Dibenzo(a,h)anthracene	25.827	278	628685m	15.426	ng/ul	JU 6/30/21
96) Benzo(g,h,i)perylene	26.527	276	1880701	44.247	ng/ul	98

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