Quantitation Report (Qedit)

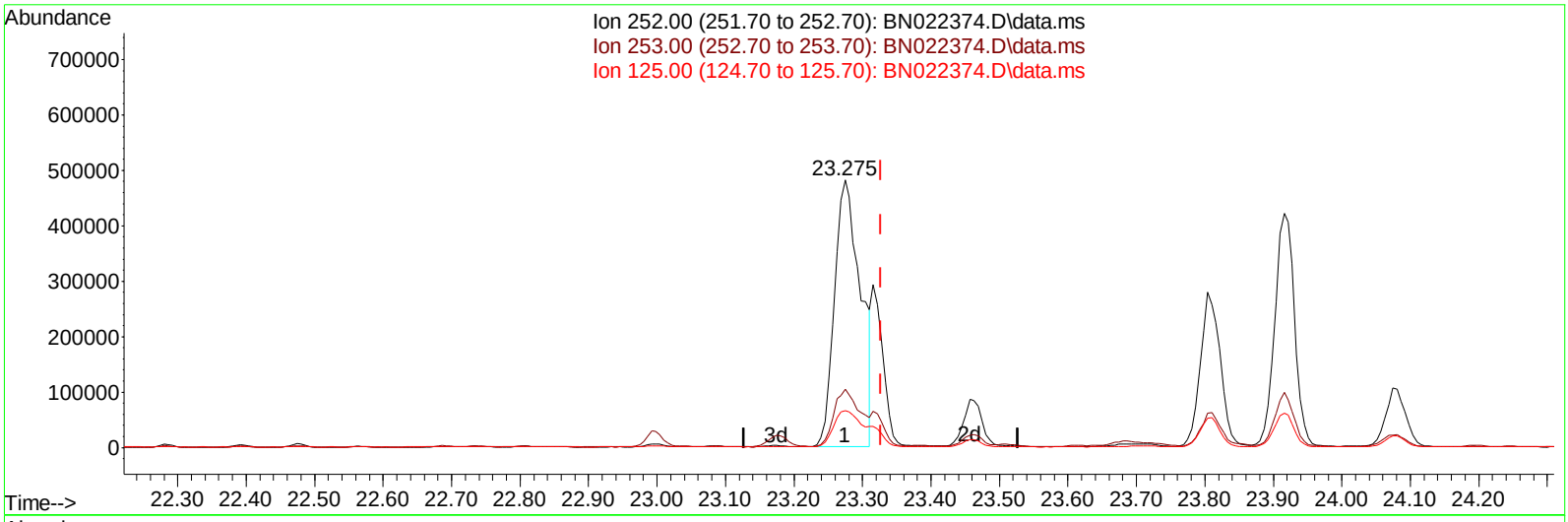
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
Data File : BN022374.D
Acq On : 27 Oct 2022 23:01
Operator : CG/JU
Sample : N5119-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

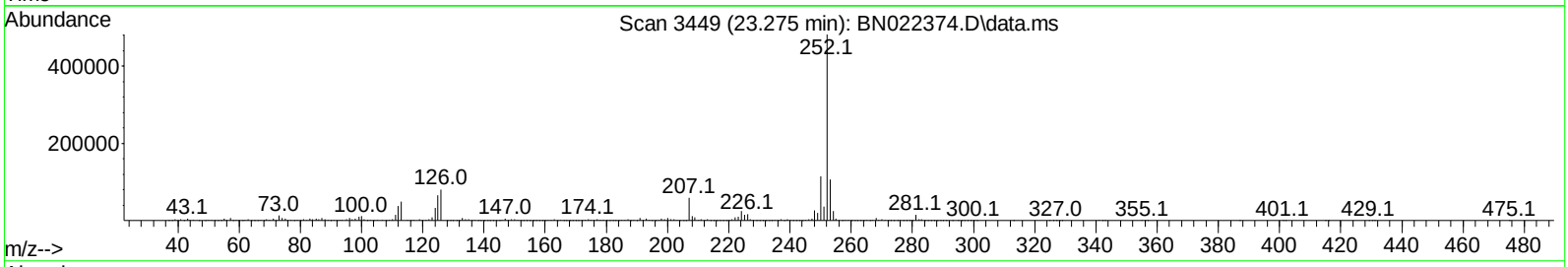
Quant Time: Oct 28 00:38:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 28 00:29:18 2022
Response via : Initial Calibration

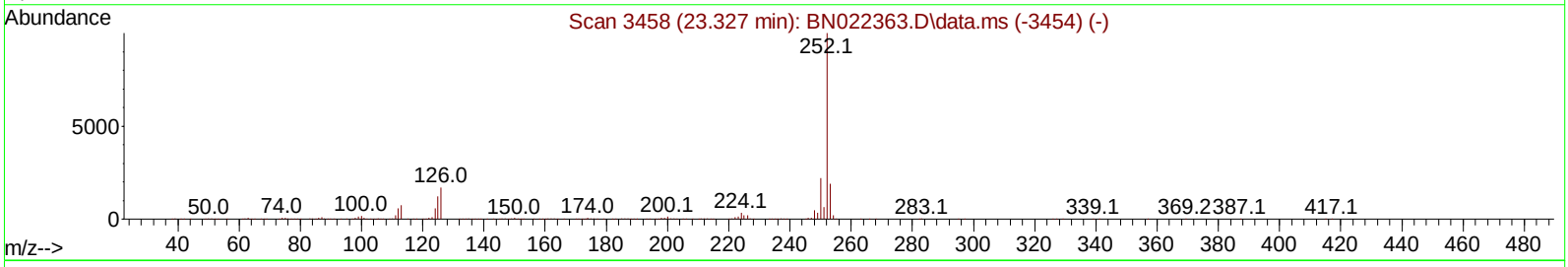
Instrument :
BNA_N
ClientSampleId :
C0BC1

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/28/2022
Supervised By :mohammad ahmed 10/28/2022







TIC: BN022374.D\data.ms

(91) Benzo(k)fluoranthene

23.275min (-0.052) 31.28 ng/ul

response 1272903

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.91
125.00	13.20	13.71
0.00	0.00	0.00

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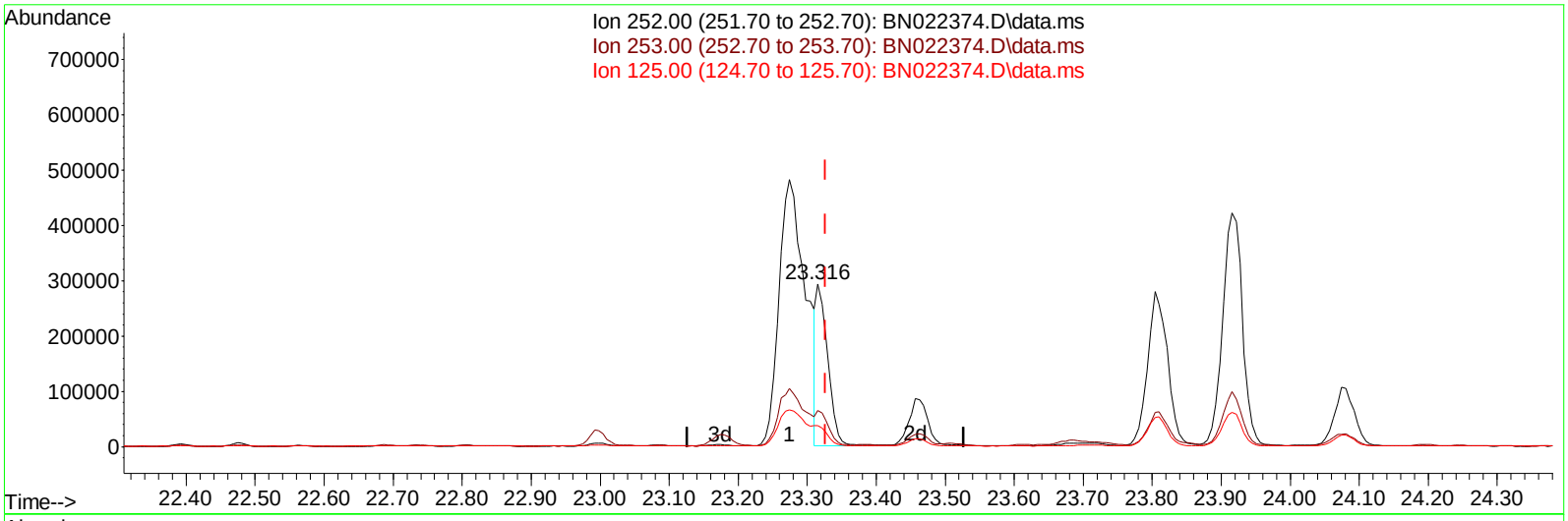

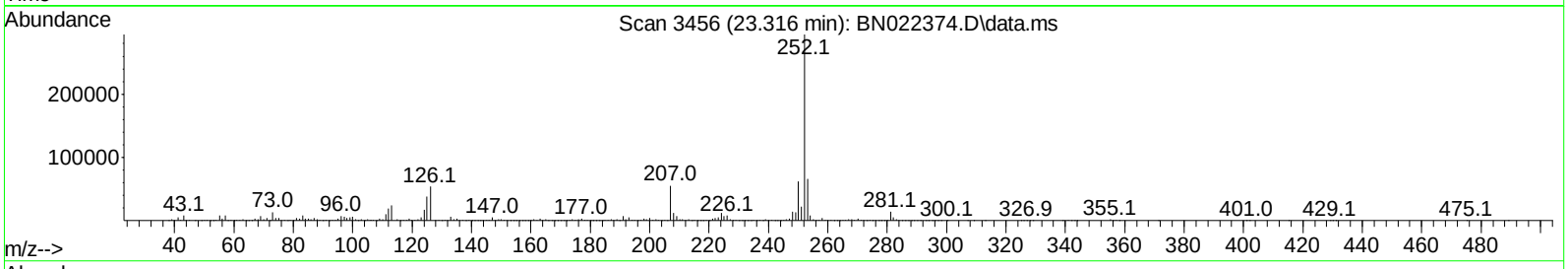

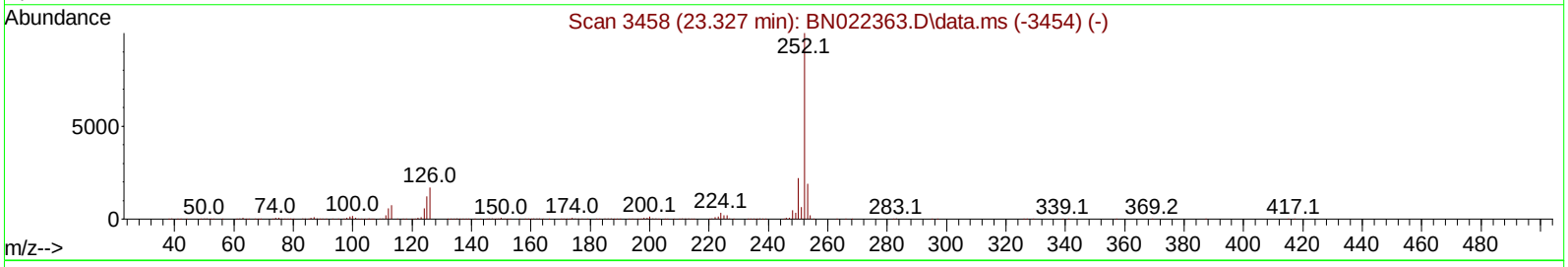

TIC: BN022374.D\data.ms

(91) Benzo(k)fluoranthene

23.316min (-0.011) 8.28 ng/ul m

response 336888

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.26
125.00	13.20	12.84
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	177180	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	676684	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	354937	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.363	188	671531	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	575912	20.000	ng/ul	-0.01
88) Perylene-d12	24.027	264	653058	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	19400	4.150	ng/uL	0.00
4) Pyridine-d5	3.699	84	39657	2.727	ng/ul	0.02
7) Phenol-d5	7.093	99	345890	19.969	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	219172	20.193	ng/ul	0.00
11) 2-Chlorophenol-d4	7.458	132	269160	22.412	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	250323	18.187	ng/ul	0.00
21) Nitrobenzene-d5	9.111	128	127949	25.786	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	127161	25.004	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	225728	23.646	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	220265	14.113	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	610480	24.674	ng/ul	0.00
49) Acenaphthylene-d8	14.299	160	730587	26.442	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	74022	14.016	ng/ul	0.00
60) Fluorene-d10	15.598	176	534816	25.628	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	40626	10.604	ng/ul	-0.01
73) Anthracene-d10	17.463	188	751832	25.763	ng/ul	0.00
81) Pyrene-d10	19.763	212	839406	29.275	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.869	264	839824	26.222	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.117	94	19378	1.054	ng/ul	94
30) Naphthalene	10.810	128	74430	2.053	ng/ul	98
36) 2-Methylnaphthalene	12.428	142	43598	1.742	ng/ul	96
37) 1-Methylnaphthalene	12.652	142	31900	1.273	ng/ul	93
52) Acenaphthene	14.669	153	42492	1.899	ng/ul	97
56) Dibenzofuran	15.010	168	43296	1.418	ng/ul	100
61) Fluorene	15.657	166	42189	1.719	ng/ul	93
72) Phenanthrene	17.404	178	783317	21.624	ng/ul	97
74) Anthracene	17.498	178	162714	4.522	ng/ul	97
77) Carbazole	17.775	167	90160	2.709	ng/ul	98
80) Fluoranthene	19.434	202	1583913	44.006	ng/ul	98
82) Pyrene	19.792	202	1363577	36.212	ng/ul	100
85) Benzo(a)anthracene	21.551	228	799629	21.729	ng/ul#	93
87) Chrysene	21.604	228	818899	23.156	ng/ul	96
90) Benzo(b)fluoranthene	23.275	252	1272903	30.904	ng/ul	100
91) Benzo(k)fluoranthene	23.316	252	336888m	8.279	ng/ul	
93) Benzo(a)pyrene	23.916	252	846302	22.989	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.604	276	601159	13.065	ng/ul	94
95) Dibenzo(a,h)anthracene	26.616	278	147382	3.580	ng/ul#	73
96) Benzo(g,h,i)perylene	27.398	276	507146	12.251	ng/ul	98

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

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