Quantitation Report (Qedit)

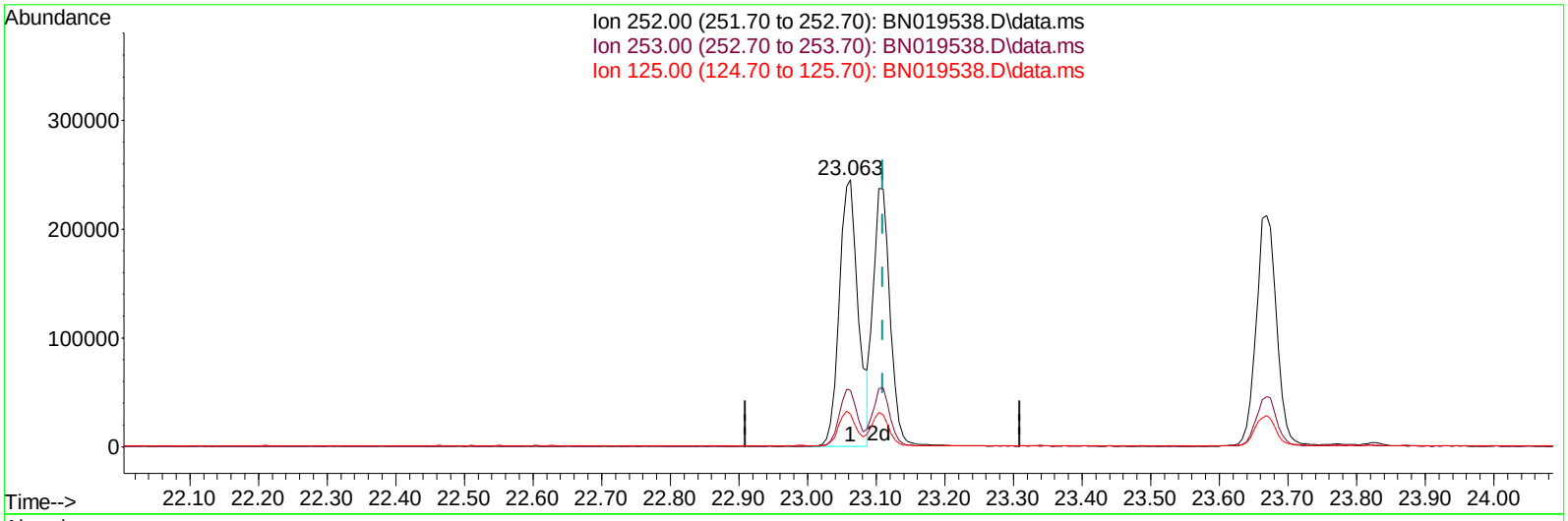
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042722\
Data File : BN019538.D
Acq On : 27 Apr 2022 10:16
Operator : CG/JU
Sample : SSTD01011
Misc :
ALS Vial : 3 Sample Multiplier: 1

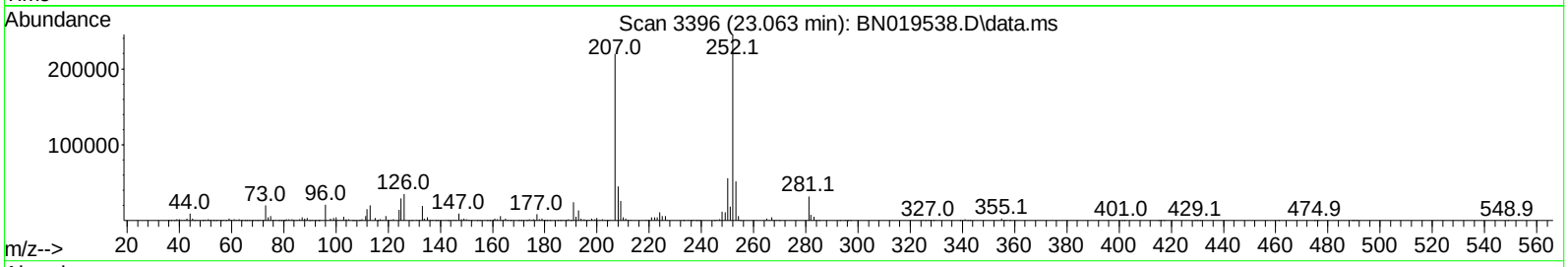
Quant Time: Apr 27 12:50:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 27 12:47:24 2022
Response via : Initial Calibration

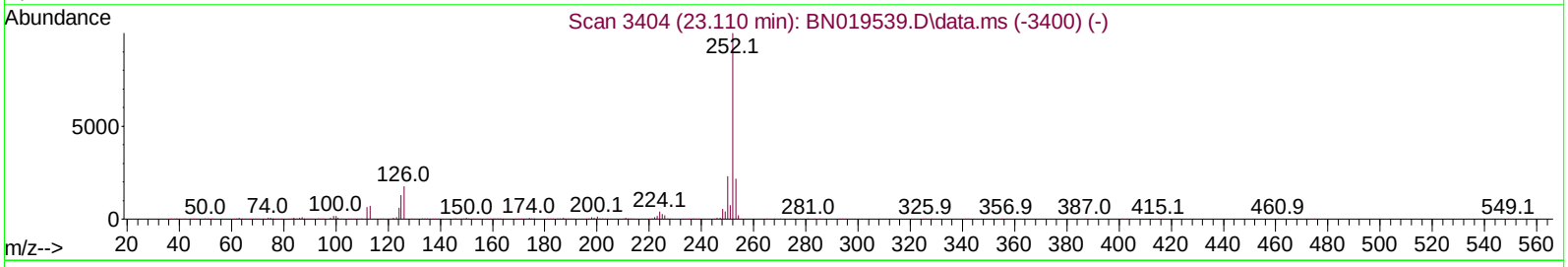
Instrument :
BNA_N
ClientSampleId :
SSTD010211

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/28/2022
Supervised By :Yogesh Patel 05/05/2022







TIC: BN019538.D\data.ms

(91) Benzo(k)fluoranthene

23.063min (-0.047) 10.68 ng/ul

response 466821

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	21.11
125.00	10.30	12.08
0.00	0.00	0.00

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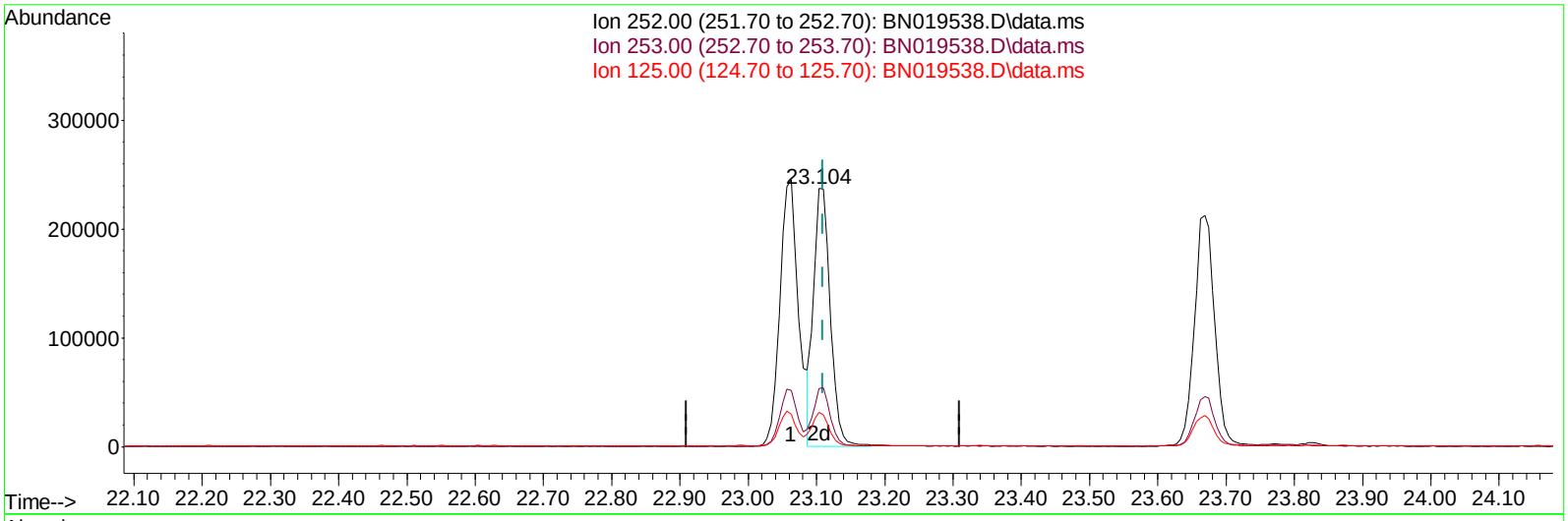

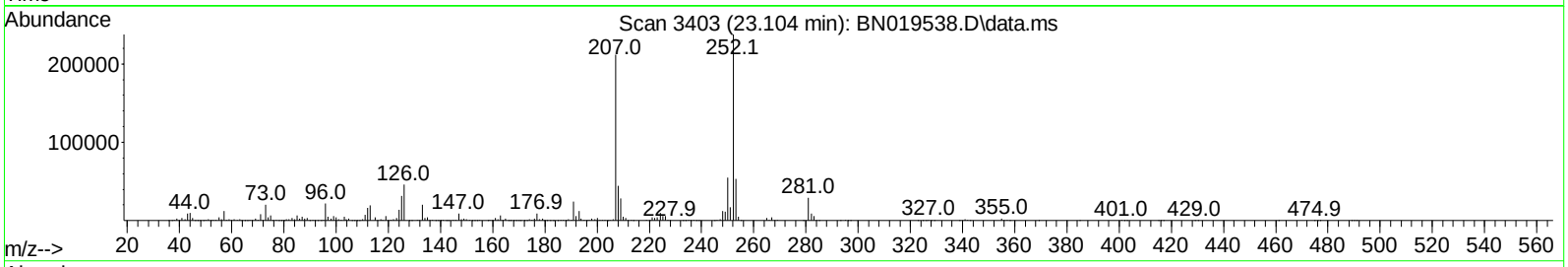

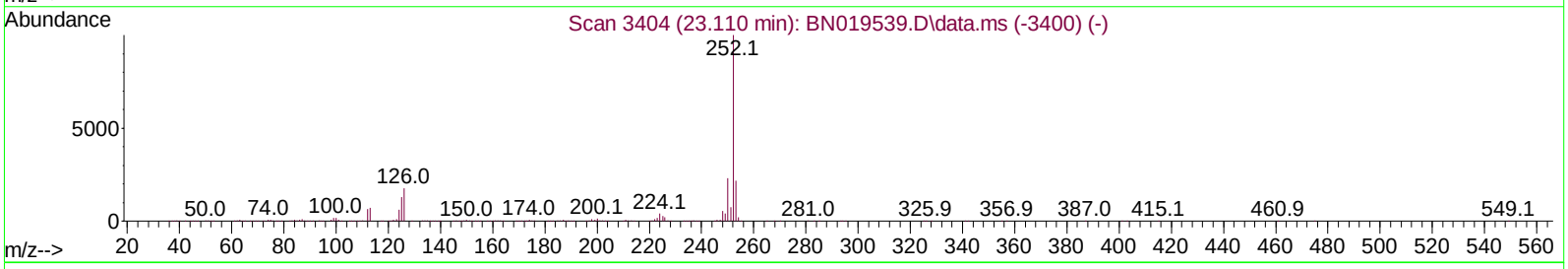

TIC: BN019538.D\data.ms

(91) Benzo(k)fluoranthene

23.104min (-0.006) 9.30 ng/ul m

response 406272

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	22.59
125.00	10.30	13.40#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	182329	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	735889	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	412142	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.234	188	770696	20.000	ng/ul	0.00
79) Chrysene-d12	21.422	240	691063	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	707988	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	18463	4.222	ng/uL	0.00
4) Pyridine-d5	3.752	84	111603	9.599	ng/ul	0.00
7) Phenol-d5	7.034	99	147411	9.431	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	88824	9.148	ng/ul	0.00
11) 2-Chlorophenol-d4	7.411	132	119891	10.060	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	110104	8.783	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	48818	8.679	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	45087	7.216	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	98966	8.715	ng/ul	0.00
31) 4-Chloroaniline-d4	10.799	131	152205	9.723	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	274850	9.039	ng/ul	0.00
49) Acenaphthylene-d8	14.193	160	375030	9.994	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	41865	7.500	ng/ul	0.00
60) Fluorene-d10	15.487	176	251312	9.879	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	26425	5.587	ng/ul	0.00
73) Anthracene-d10	17.334	188	361794	10.130	ng/ul	0.00
81) Pyrene-d10	19.622	212	392294	9.105	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	351617	9.738	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	19103	4.354	ng/uL	97
5) Pyridine	3.775	79	122827	10.060	ng/ul	99
6) Benzaldehyde	7.016	77	94553	11.291	ng/ul	91
8) Phenol	7.064	94	149852	9.529	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.299	93	118969	9.460	ng/ul	99
12) 2-Chlorophenol	7.440	128	124667	10.221	ng/ul	98
13) 2-Methylphenol	8.316	108	109784	9.306	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.411	45	176172	9.589	ng/ul	99
16) Acetophenone	8.693	105	175818	9.401	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.681	70	81321	8.195	ng/ul	98
18) 4-Methylphenol	8.640	108	116691	9.104	ng/ul	99
19) Hexachloroethane	8.963	117	50277	9.891	ng/ul	91
22) Nitrobenzene	9.069	77	120967	8.719	ng/ul	97
23) Isophorone	9.599	82	210331	7.982	ng/ul	100
25) 2-Nitrophenol	9.781	139	53543	8.251	ng/ul	96
26) 2,4-Dimethylphenol	9.846	107	130038	9.465	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.081	93	143005	8.814	ng/ul	97
29) 2,4-Dichlorophenol	10.310	162	102150	9.132	ng/ul	98
30) Naphthalene	10.722	128	392832	10.515	ng/ul	99
32) 4-Chloroaniline	10.822	127	154882	9.921	ng/ul	98
33) Hexachlorobutadiene	11.022	225	62897	8.472	ng/ul	98
34) Caprolactam	11.581	113	21242	5.713	ng/ul	99
35) 4-Chloro-3-methylphenol	11.946	107	106425	8.444	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.328	142	253212	9.870	ng/ul	98
37) 1-Methylnaphthalene	12.546	142	253576	9.767	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.699	216	115053	9.428	ng/ul	96
40) Hexachlorocyclopentadiene	12.687	237	65141	9.271	ng/ul	96
41) 2,4,6-Trichlorophenol	12.934	196	65174	8.457	ng/ul	95
42) 2,4,5-Trichlorophenol	12.999	196	71185	8.350	ng/ul	99
43) 1,1'-Biphenyl	13.340	154	327672	10.751	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	248937	10.589	ng/ul	97
45) 2-Nitroaniline	13.569	65	48698	6.822	ng/ul	95
47) Dimethylphthalate	13.957	163	276946	9.322	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	41089	7.004	ng/ul	98
50) Acenaphthylene	14.222	152	389085	10.400	ng/ul	99
51) 3-Nitroaniline	14.393	138	47179	7.805	ng/ul#	97
52) Acenaphthene	14.563	153	257009	10.642	ng/ul	97
53) 2,4-Dinitrophenol	14.593	184	15367	4.089	ng/ul#	78
55) 4-Nitrophenol	14.687	109	34610	7.367	ng/ul	91
56) Dibenzofuran	14.898	168	361800	10.372	ng/ul	98
57) 2,4-Dinitrotoluene	14.851	165	60969	7.132	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.122	232	51304	7.464	ng/ul	96
59) Diethylphthalate	15.322	149	264486	8.843	ng/ul	99
61) Fluorene	15.545	166	282313	10.373	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.540	204	128232	9.283	ng/ul	92
63) 4-Nitroaniline	15.545	138	45734	7.889	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.610	198	26841	5.777	ng/ul#	88
67) N-Nitrosodiphenylamine	15.751	169	232069	10.520	ng/ul	99
68) 4-Bromophenyl-phenylether	16.434	248	70329	9.158	ng/ul	93
69) Hexachlorobenzene	16.545	284	80311	9.175	ng/ul#	92
70) Atrazine	16.698	200	66026	8.004	ng/ul	94
71) Pentachlorophenol	16.887	266	38909	7.319	ng/ul	96
72) Phenanthrene	17.281	178	438437	10.843	ng/ul	98
74) Anthracene	17.369	178	436279	10.767	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.304	216	117687	10.150	ng/uL	98
76) Pentachlorobenzene	14.816	250	104285	9.860	ng/uL	92
77) Carbazole	17.634	167	391547	11.135	ng/ul	98
78) Di-n-butylphthalate	18.216	149	385240	8.760	ng/ul	99
80) Fluoranthene	19.292	202	463317	9.286	ng/ul	95
82) Pyrene	19.651	202	492489	9.739	ng/ul#	93
83) Butylbenzylphthalate	20.569	149	154203	7.650	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.339	252	130358	9.607	ng/ul#	98
85) Benzo(a)anthracene	21.404	228	450252	10.186	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.351	149	247969	8.567	ng/ul#	99
87) Chrysene	21.457	228	444590	10.397	ng/ul	97
89) Di-n-octyl phthalate	22.269	149	409689	7.159	ng/ul	100
90) Benzo(b)fluoranthene	23.063	252	466821	9.926	ng/ul#	97
91) Benzo(k)fluoranthene	23.104	252	406272m	9.299	ng/ul	
93) Benzo(a)pyrene	23.669	252	438256	10.111	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.192	276	484787	10.834	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.215	278	425177	11.021	ng/ul	98
96) Benzo(g,h,i)perylene	26.939	276	427626	11.274	ng/ul#	91

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

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