Quantitation Report (Qedit)

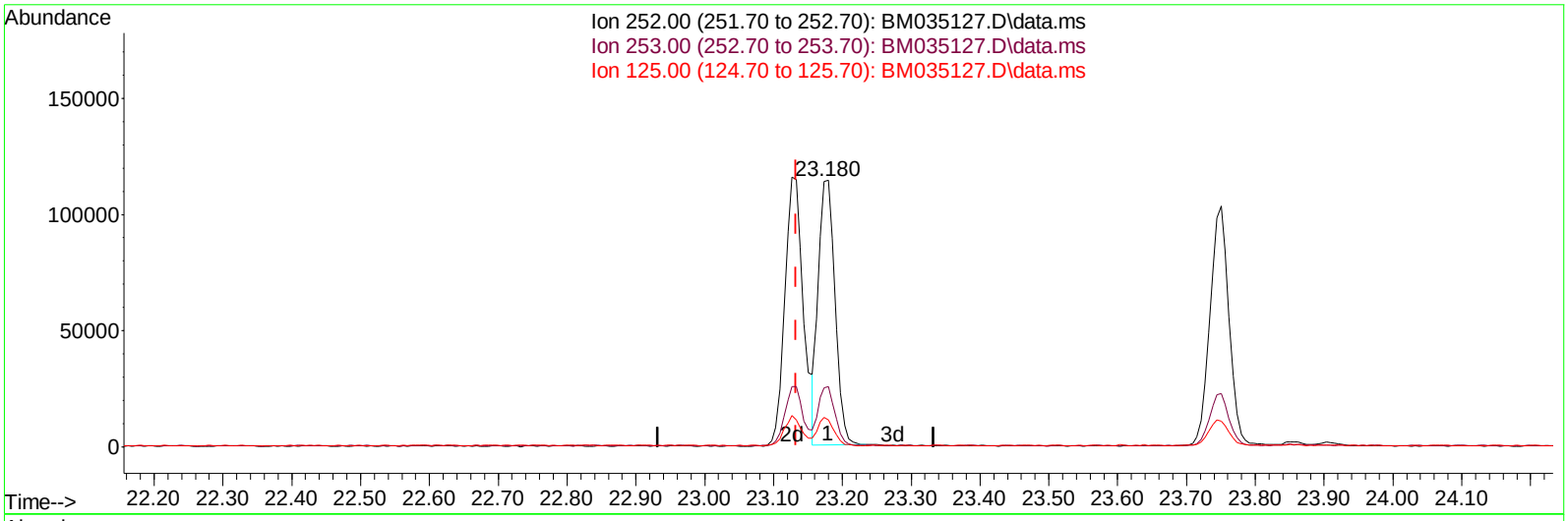
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051722\
Data File : BM035127.D
Acq On : 17 May 2022 12:15
Operator : CG/JU
Sample : SSTD00540
Misc :
ALS Vial : 2 Sample Multiplier: 1

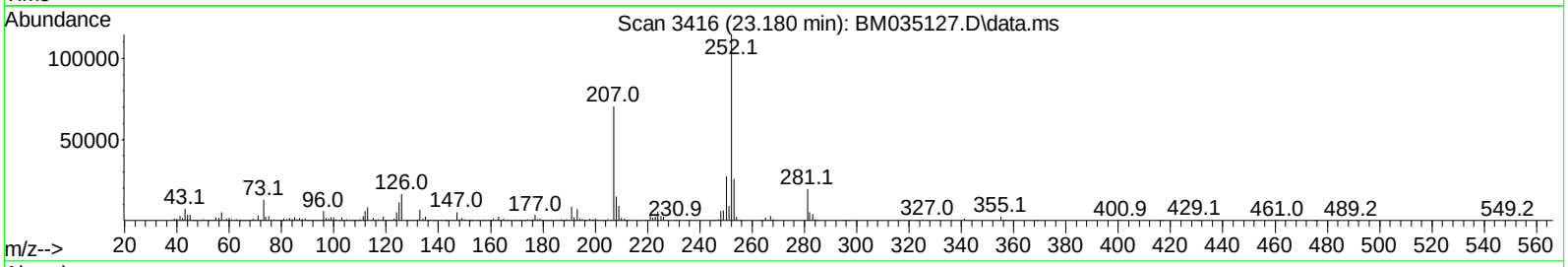
Quant Time: May 17 14:26:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051722.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 14:25:28 2022
Response via : Initial Calibration

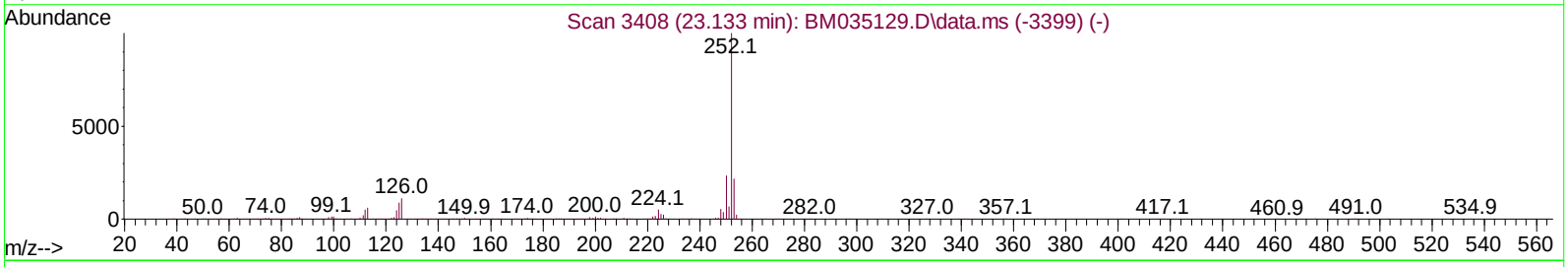
Instrument :
BNA_M
ClientSampleId :
SSTD005040

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/18/2022
Supervised By :mohammad ahmed 05/19/2022







TIC: BM035127.D\data.ms

(90) Benzo(b)fluoranthene

23.180min (+ 0.047) 4.09 ng/ul

response 192352

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.50
125.00	9.50	10.03
0.00	0.00	0.00

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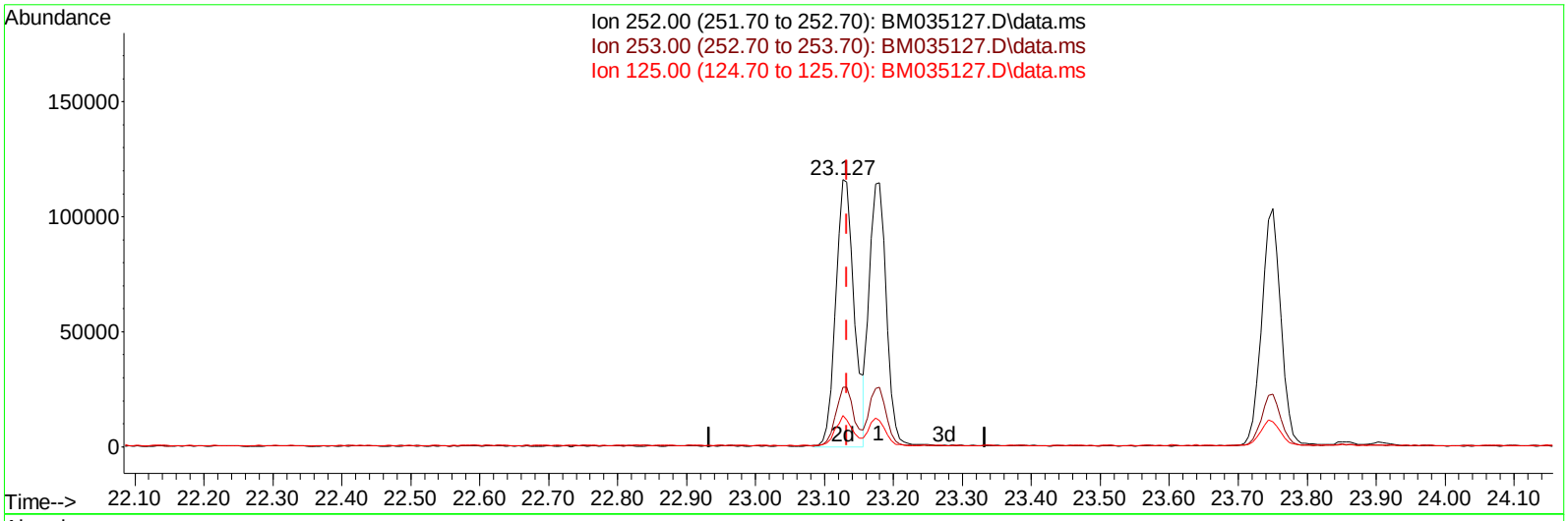

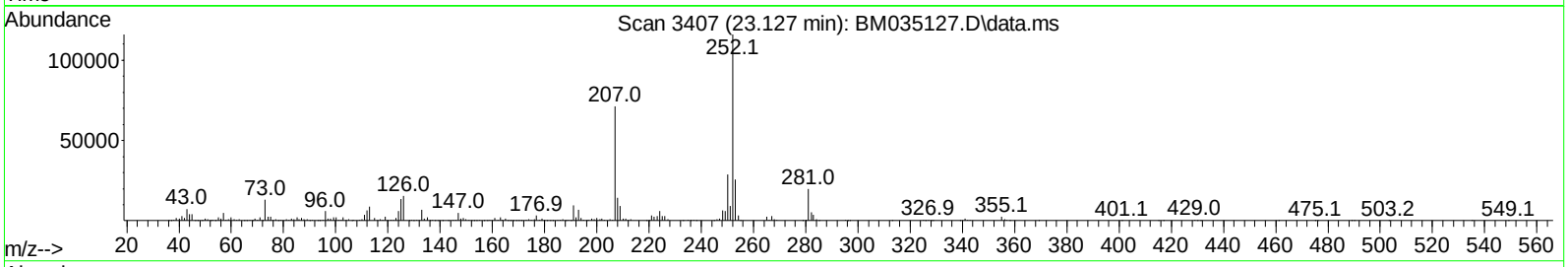

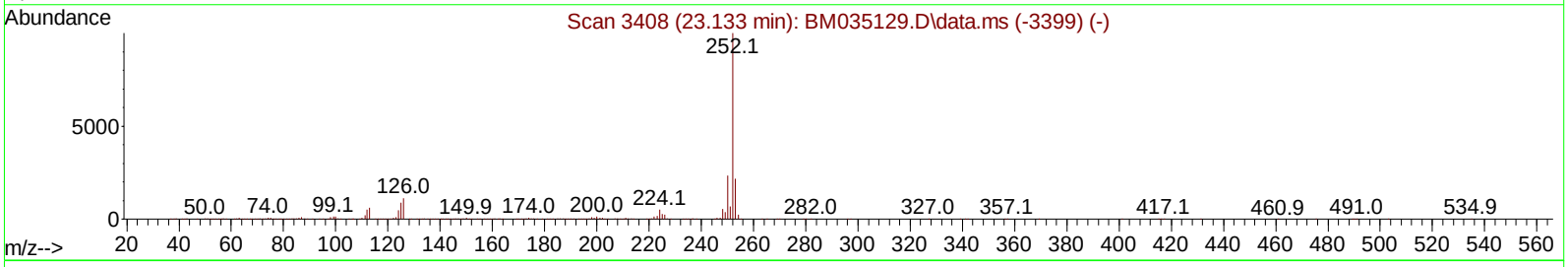

TIC: BM035127.D\data.ms

(90) Benzo(b)fluoranthene

23.127min (-0.006) 4.65 ng/ul m

response 218369

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.26
125.00	9.50	11.68#
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	7.910	152	166402	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	634952	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	378484	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	734716	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	683698	20.000	ng/ul	0.00
88) Perylene-d12	23.856	264	699721	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	7996	2.010	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.439	132	50553	4.469	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.063	128	22562	4.636	ng/ul	0.00
24) 2-Nitrophenol-d4	9.786	143	24306	4.631	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	43828	4.462	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.951	166	127855	4.479	ng/ul	0.00
49) Acenaphthylene-d8	14.233	160	149042	4.115	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.533	176	107772	4.475	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.386	188	157592	4.409	ng/ul	0.00
81) Pyrene-d10	19.674	212	171905	4.027	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.697	264	157893	4.318	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	8664	2.188	ng/uL#	60
12) 2-Chlorophenol	7.469	128	51757	4.486	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.716	70	36256	3.731	ng/ul	94
19) Hexachloroethane	8.992	117	23002	4.700	ng/ul	98
22) Nitrobenzene	9.104	77	54149	4.484	ng/ul	98
23) Isophorone	9.633	82	97854	4.410	ng/ul	97
25) 2-Nitrophenol	9.822	139	26108	4.629	ng/ul	92
26) 2,4-Dimethylphenol	9.880	107	54197	4.595	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.116	93	60182	4.376	ng/ul	99
29) 2,4-Dichlorophenol	10.357	162	45340	4.744	ng/ul	99
30) Naphthalene	10.757	128	158207	4.743	ng/ul	99
33) Hexachlorobutadiene	11.051	225	32472	5.184	ng/ul	99
35) 4-Chloro-3-methylphenol	11.992	107	46034	4.481	ng/ul	97
36) 2-Methylnaphthalene	12.369	142	103365	4.482	ng/ul	98
37) 1-Methylnaphthalene	12.586	142	102327	4.388	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.739	216	53756	4.829	ng/ul	98
41) 2,4,6-Trichlorophenol	12.974	196	34341	4.846	ng/ul	99
42) 2,4,5-Trichlorophenol	13.045	196	35542	4.682	ng/ul	97
43) 1,1'-Biphenyl	13.380	154	140100	4.659	ng/ul	98
44) 2-Chloronaphthalene	13.416	162	107446	4.692	ng/ul	95
45) 2-Nitroaniline	13.616	65	28553	4.392	ng/ul	93
47) Dimethylphthalate	13.998	163	129666	4.598	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	23337	4.357	ng/ul	89

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50)	Acenaphthylene	14.263	152	162775	4.473	ng/ul	98
52)	Acenaphthene	14.604	153	111448	4.582	ng/ul	98
56)	Dibenzofuran	14.939	168	157264	4.695	ng/ul	94
57)	2,4-Dinitrotoluene	14.898	165	31735	4.200	ng/ul#	84
58)	2,3,4,6-Tetrachlorophenol	15.168	232	28747	4.829	ng/ul#	96
59)	Diethylphthalate	15.362	149	130705	4.525	ng/ul	99
61)	Fluorene	15.592	166	124639	4.549	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.586	204	61845	4.647	ng/ul	98
67)	N-Nitrosodiphenylamine	15.798	169	104218	4.406	ng/ul	98
68)	4-Bromophenyl-phenylether	16.480	248	34168	4.472	ng/ul	96
69)	Hexachlorobenzene	16.598	284	41190	4.765	ng/ul	97
72)	Phenanthrene	17.327	178	190444	4.608	ng/ul	100
74)	Anthracene	17.415	178	189108	4.524	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.345	216	64616	5.496	ng/uL	96
76)	Pentachlorobenzene	14.863	250	49426	4.589	ng/uL	95
78)	Di-n-butylphthalate	18.262	149	306890	6.735	ng/ul	99
80)	Fluoranthene	19.345	202	208980	4.072	ng/ul	98
82)	Pyrene	19.703	202	216664	4.134	ng/ul	98
83)	Butylbenzylphthalate	20.609	149	91805	4.379	ng/ul	100
85)	Benzo(a)anthracene	21.456	228	205644	4.629	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.392	149	138815	4.468	ng/ul	99
87)	Chrysene	21.503	228	202253	4.676	ng/ul	99
90)	Benzo(b)fluoranthene	23.127	252	218369m	4.646	ng/ul	
91)	Benzo(k)fluoranthene	23.180	252	192427	4.299	ng/ul	99
93)	Benzo(a)pyrene	23.750	252	198661	4.434	ng/ul#	96
94)	Indeno(1,2,3-cd)pyrene	26.321	276	232790	4.542	ng/ul#	94
95)	Dibenzo(a,h)anthracene	26.338	278	198313	4.513	ng/ul#	96
96)	Benzo(g,h,i)perylene	27.079	276	193519	4.545	ng/ul#	91

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

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