Quantitation Report (Qedit)

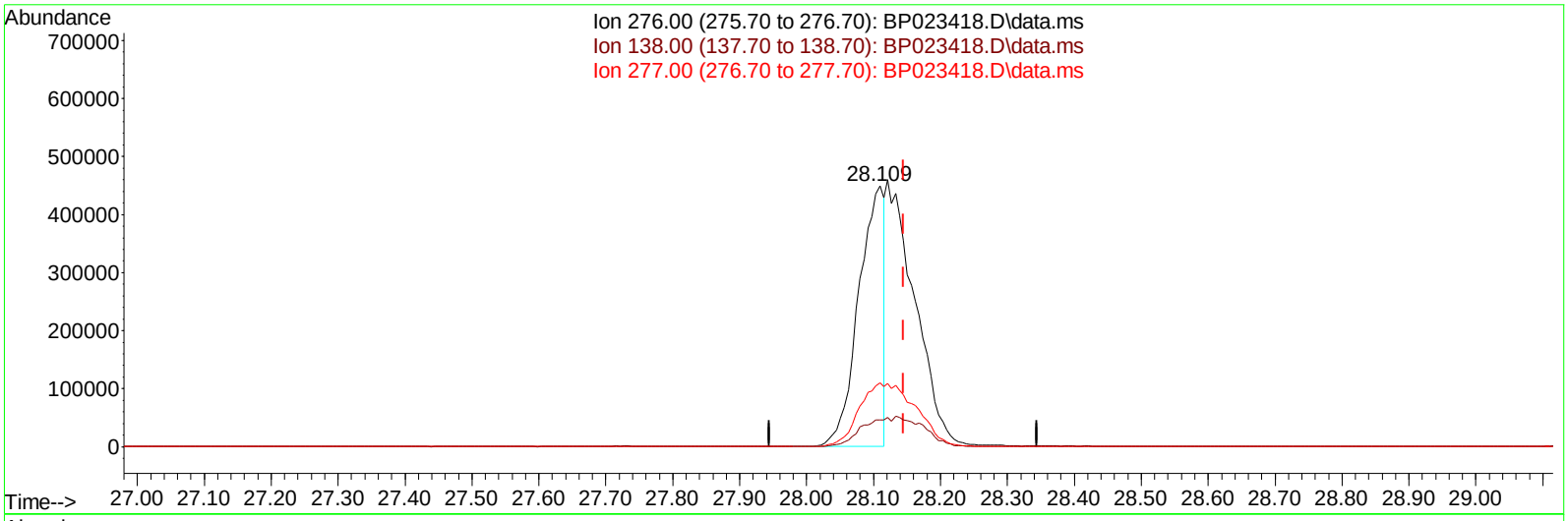
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
Data File : BP023418.D
Acq On : 13 Dec 2024 13:29
Operator : RC/JU
Sample : P5232-21MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

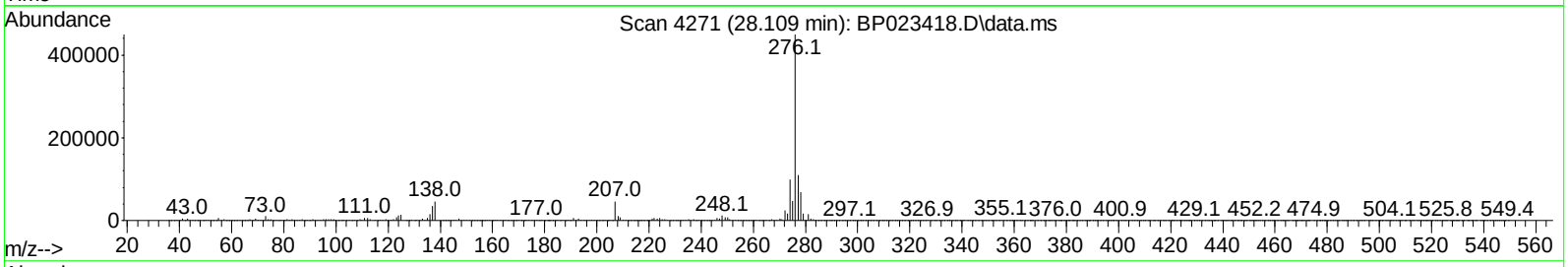
Quant Time: Dec 13 14:45:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

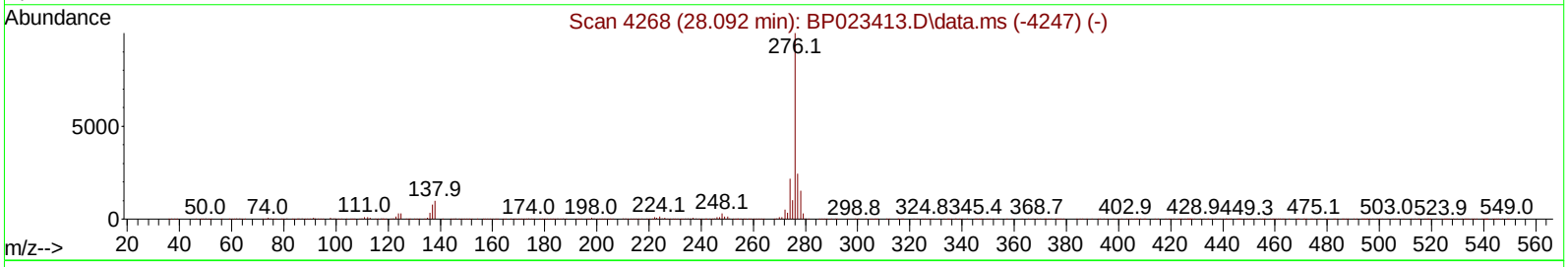
Instrument :
BNA_P
ClientSampleId :
E28S7MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024







TIC: BP023418.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.109min (-0.035) 19.59 ng/ul

response 1193112

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	10.29
277.00	24.80	24.53
0.00	0.00	0.00

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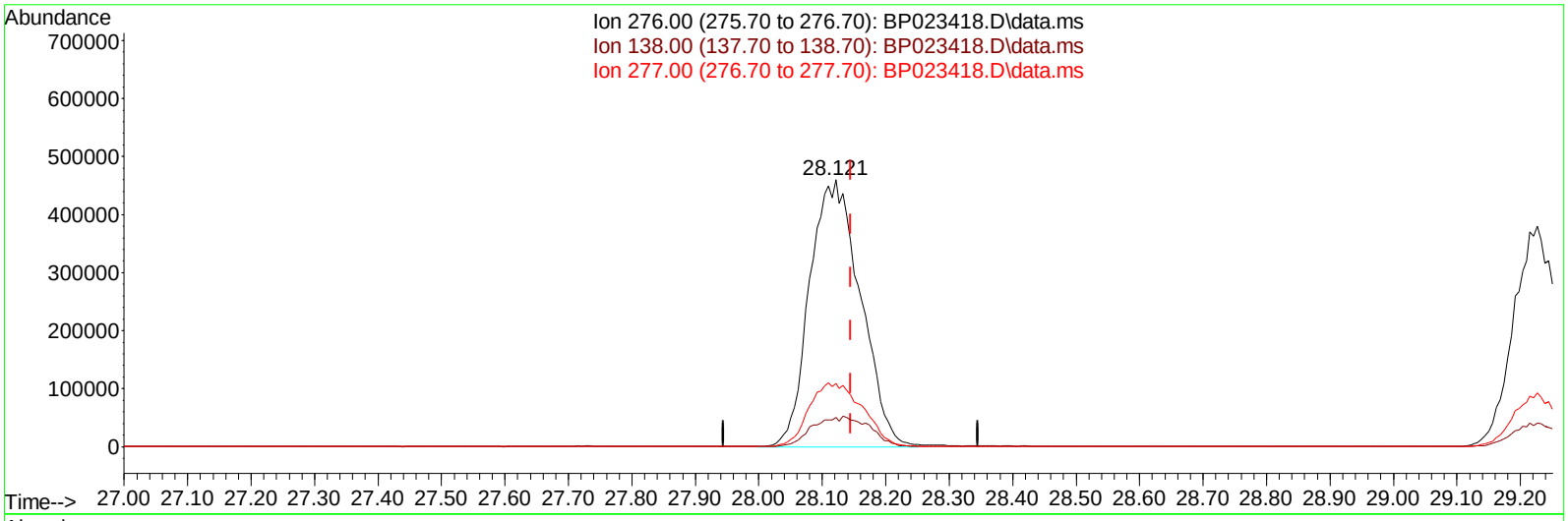

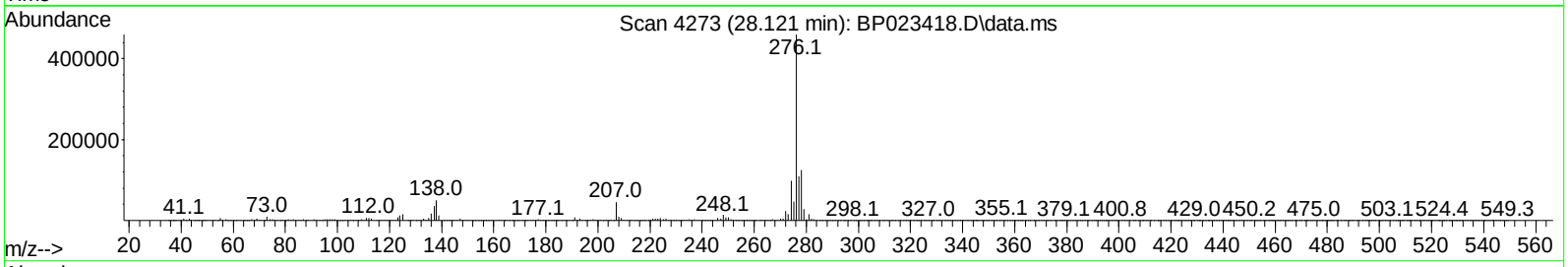

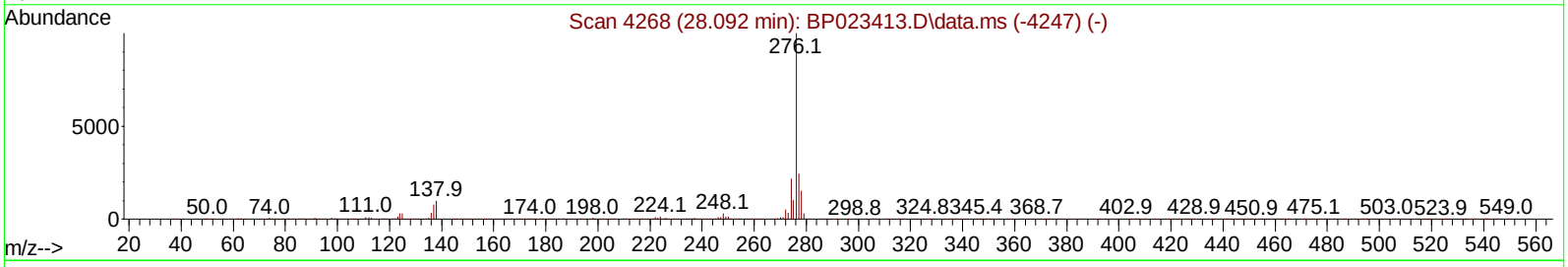

TIC: BP023418.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.121min (-0.024) 41.90 ng/ul m

response 2552457

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	11.02
277.00	24.80	23.75
0.00	0.00	0.00

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Operator : RC/JU
Sample : P5232-21MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 13 14:47:14 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
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Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	117125	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	416545	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.145	164	308225	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.957	188	701968	20.000	ng/ul	0.00
79) Chrysene-d12	21.369	240	762776	20.000	ng/ul	-0.02
88) Perylene-d12	24.539	264	832042	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	9877	3.105	ng/uL	0.00
4) Pyridine-d5	3.511	84	148854	18.196	ng/ul	0.00
7) Phenol-d5	6.752	99	227699	24.777	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.881	67	131879	22.745	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.087	132	166534	24.553	ng/ul	0.00
15) 4-Methylphenol-d8	8.252	113	171614	23.138	ng/ul	0.00
21) Nitrobenzene-d5	8.675	128	76484	24.589	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.381	143	88319	24.637	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.928	165	205019	27.097	ng/ul	0.00
31) 4-Chloroaniline-d4	10.434	131	195376	23.050	ng/ul	0.00
46) Dimethylphthalate-d6	13.545	166	568822	23.773	ng/ul	-0.01
49) Acenaphthylene-d8	13.834	160	541874	21.470	ng/ul	0.00
54) 4-Nitrophenol-d4	14.422	143	73114	24.935	ng/ul	0.01
60) Fluorene-d10	15.163	176	397962	18.909	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.310	200	51895	12.232	ng/ul	0.00
73) Anthracene-d10	17.051	188	651756	20.344	ng/ul	0.00
81) Pyrene-d10	19.433	212	693967	17.414	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.321	264	644423	14.468	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.134	88	37113	10.543	ng/uL	92
5) Pyridine	3.528	79	268910	32.180	ng/ul	95
6) Benzaldehyde	6.710	77	46554	8.861	ng/ul	98
8) Phenol	6.775	94	402329	42.052	ng/ul	92
10) Bis(2-Chloroethyl)ether	6.975	93	282113	37.355	ng/ul	99
12) 2-Chlorophenol	7.116	128	272422	38.312	ng/ul	100
13) 2-Methylphenol	7.987	108	277300	39.082	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.046	45	339374	36.953	ng/ul	99
16) Acetophenone	8.346	105	452425	36.241	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.328	70	245188	36.046	ng/ul	96
18) 4-Methylphenol	8.310	108	301076	39.314	ng/ul	96
19) Hexachloroethane	8.575	117	119427	34.495	ng/ul	94
22) Nitrobenzene	8.722	77	370147	39.109	ng/ul	99
23) Isophorone	9.234	82	669794	39.955	ng/ul	99
25) 2-Nitrophenol	9.416	139	150945	39.418	ng/ul	90
26) 2,4-Dimethylphenol	9.487	107	346035	40.809	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.699	93	381870	40.319	ng/ul	100
29) 2,4-Dichlorophenol	9.957	162	312880	41.725	ng/ul	99
30) Naphthalene	10.328	128	847900	38.883	ng/ul	100
32) 4-Chloroaniline	10.457	127	289656	35.243	ng/ul	99
33) Hexachlorobutadiene	10.599	225	256111	38.503	ng/ul	97
34) Caprolactam	11.251	113	92411	42.236	ng/ul	99
35) 4-Chloro-3-methylphenol	11.604	107	345029	42.375	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.946	142	640946	39.636	ng/ul	98
37) 1-Methylnaphthalene	12.151	142	620815	37.674	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.316	216	454695	40.425	ng/ul	97
40) Hexachlorocyclopentadiene	12.281	237	113876	21.072	ng/ul	98
41) 2,4,6-Trichlorophenol	12.569	196	302264	45.410	ng/ul	98
42) 2,4,5-Trichlorophenol	12.663	196	326954	45.973	ng/ul	99
43) 1,1'-Biphenyl	12.957	154	871452	39.903	ng/ul	99
44) 2-Chloronaphthalene	13.004	162	714184	40.429	ng/ul	99
45) 2-Nitroaniline	13.228	65	229308	44.804	ng/ul	94
47) Dimethylphthalate	13.598	163	918330	38.962	ng/ul	98
48) 2,6-Dinitrotoluene	13.740	165	196806	43.577	ng/ul	93
50) Acenaphthylene	13.857	152	1045861	40.692	ng/ul	100
51) 3-Nitroaniline	14.087	138	167523	44.258	ng/ul	96
52) Acenaphthene	14.210	153	741390	39.465	ng/ul	97
53) 2,4-Dinitrophenol	14.304	184	56591	19.431	ng/ul	97
55) 4-Nitrophenol	14.440	109	190415	48.204	ng/ul	96
56) Dibenzofuran	14.557	168	1121859	39.322	ng/ul	97
57) 2,4-Dinitrotoluene	14.545	165	290398	39.903	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.804	232	304622	43.146	ng/ul	93
59) Diethylphthalate	14.987	149	916138	38.973	ng/ul	99
61) Fluorene	15.216	166	905878	38.996	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.210	204	514574	38.191	ng/ul	99
63) 4-Nitroaniline	15.263	138	162123	48.697	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.328	198	107748	23.941	ng/ul	99
67) N-Nitrosodiphenylamine	15.434	169	782879	43.673	ng/ul	99
68) 4-Bromophenyl-phenylether	16.122	248	358366	43.246	ng/ul	98
69) Hexachlorobenzene	16.239	284	427382	42.098	ng/ul	98
70) Atrazine	16.416	200	347152	44.505	ng/ul	99
71) Pentachlorophenol	16.616	266	283998	47.927	ng/ul	97
72) Phenanthrene	16.998	178	1551021	42.739	ng/ul	99
74) Anthracene	17.081	178	1543105	42.525	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.922	216	453169	44.786	ng/uL	98
76) Pentachlorobenzene	14.475	250	476149	42.692	ng/uL	100
77) Carbazole	17.381	167	1336506	45.208	ng/ul	100
78) Di-n-butylphthalate	17.957	149	1541226	42.429	ng/ul	100
80) Fluoranthene	19.086	202	2059847	45.108	ng/ul	98
82) Pyrene	19.463	202	2055619	42.421	ng/ul	99
83) Butylbenzylphthalate	20.416	149	735057	43.798	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.280	252	357216	20.409	ng/ul	99
85) Benzo(a)anthracene	21.351	228	2022872	39.548	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.274	149	1064813	44.181	ng/ul#	99
87) Chrysene	21.422	228	1946115	39.703	ng/ul	99
89) Di-n-octyl phthalate	22.474	149	1774395	43.665	ng/ul	100
90) Benzo(b)fluoranthene	23.545	252	2155025	41.224	ng/ul	99
91) Benzo(k)fluoranthene	23.604	252	2102203	40.417	ng/ul	100
93) Benzo(a)pyrene	24.392	252	1942233	40.977	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.121	276	2552457m	41.904	ng/ul	
95) Dibenzo(a,h)anthracene	28.168	278	2054078	42.138	ng/ul	99
96) Benzo(g,h,i)perylene	29.227	276	1954471	41.909	ng/ul	99

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

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