Quantitation Report (Qedit)

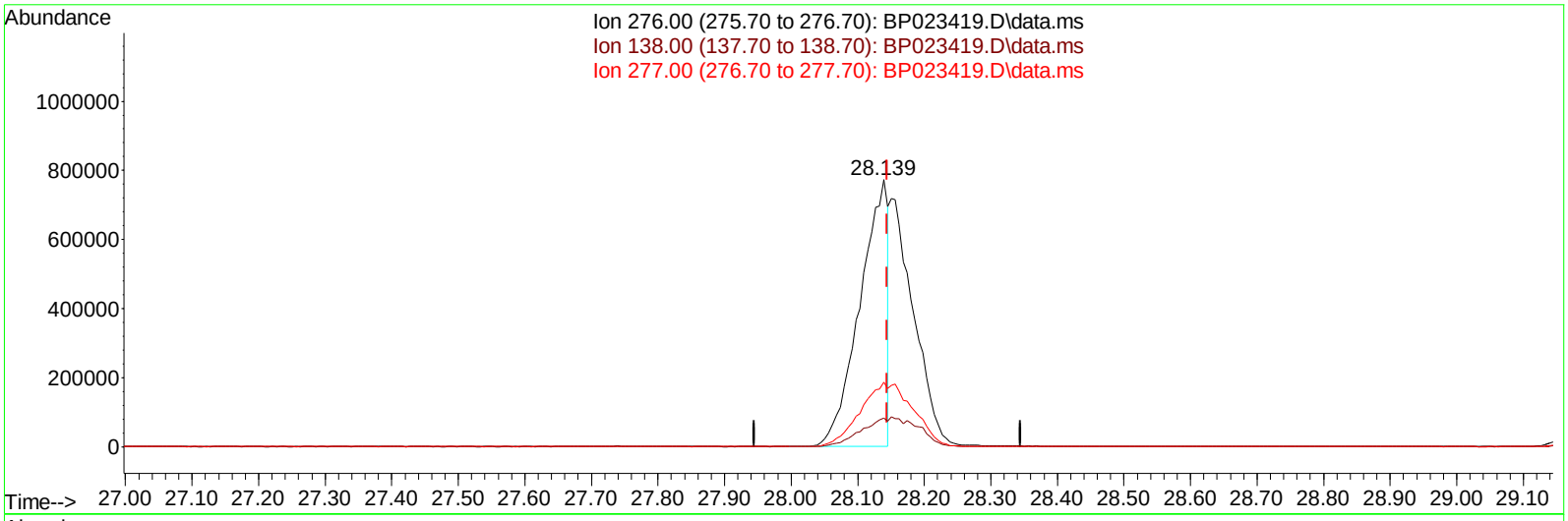
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
Data File : BP023419.D
Acq On : 13 Dec 2024 14:10
Operator : RC/JU
Sample : P5232-22MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

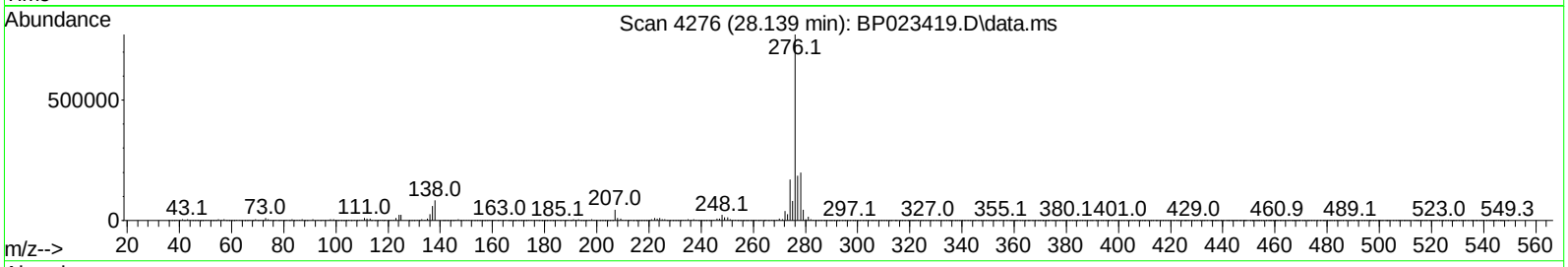
Quant Time: Dec 13 14:48:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

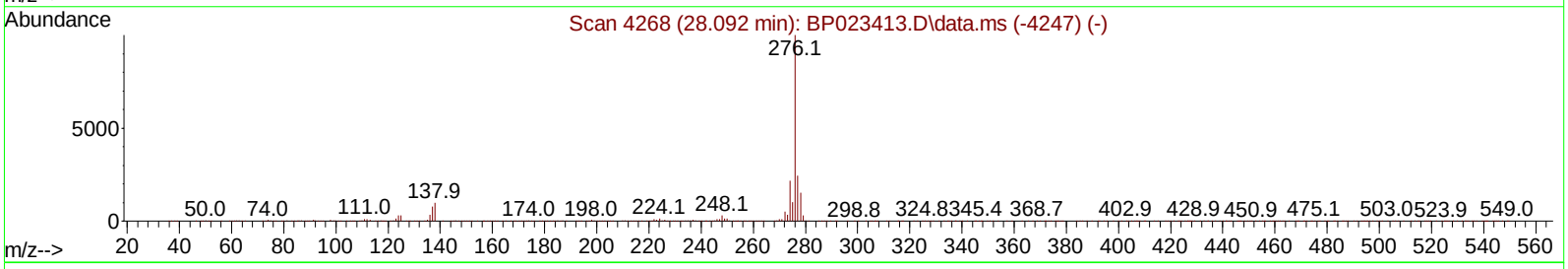
Instrument :
BNA_P
ClientSampleId :
E28S7MSD

Manual IntegrationsAPPROVED

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







TIC: BP023419.D\data.ms

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

28.139min (-0.006) 37.34 ng/ul

response 2246918

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	10.81
277.00	24.80	24.17
0.00	0.00	0.00

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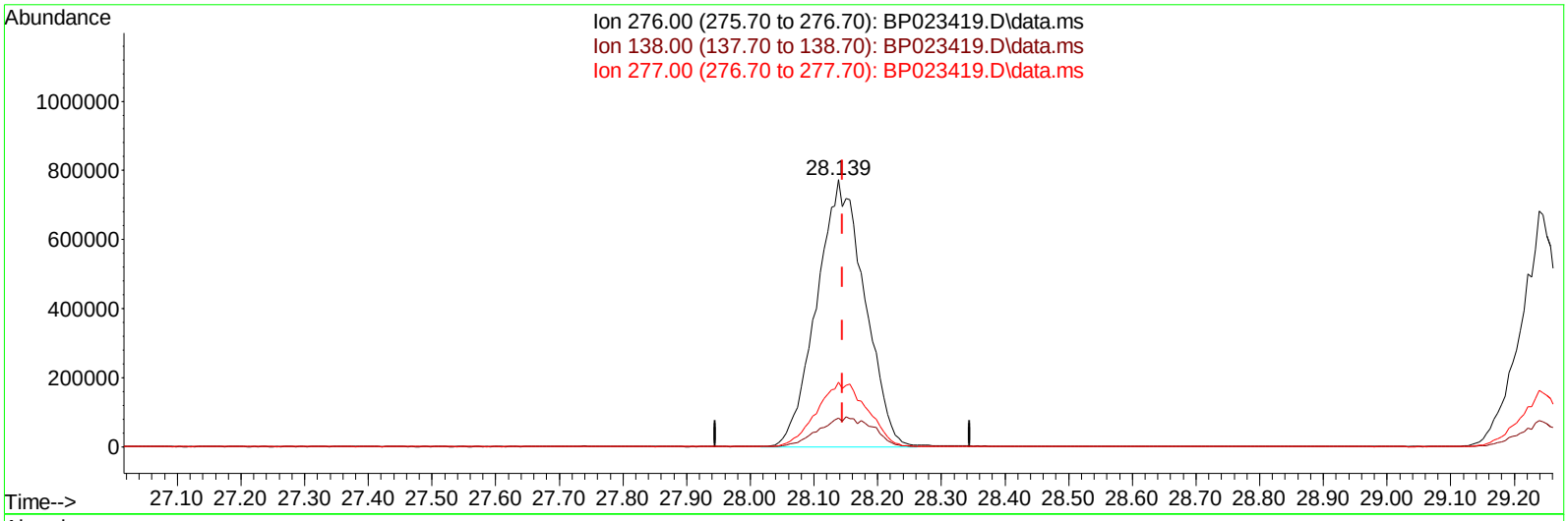

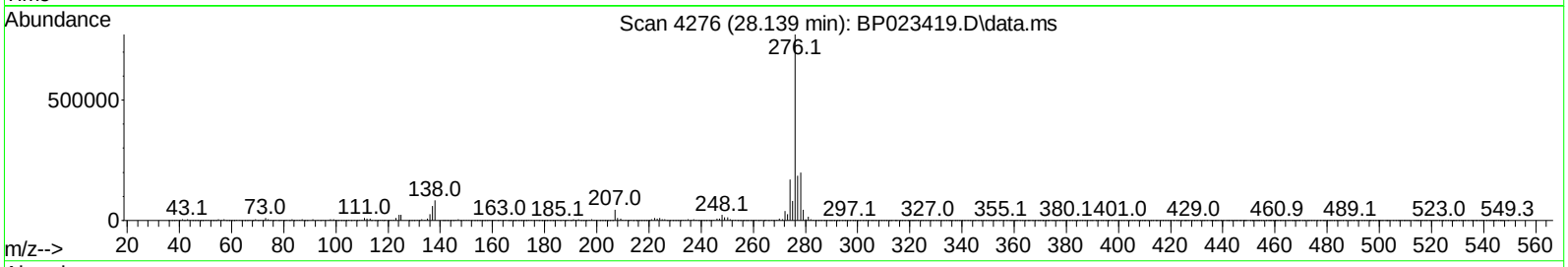

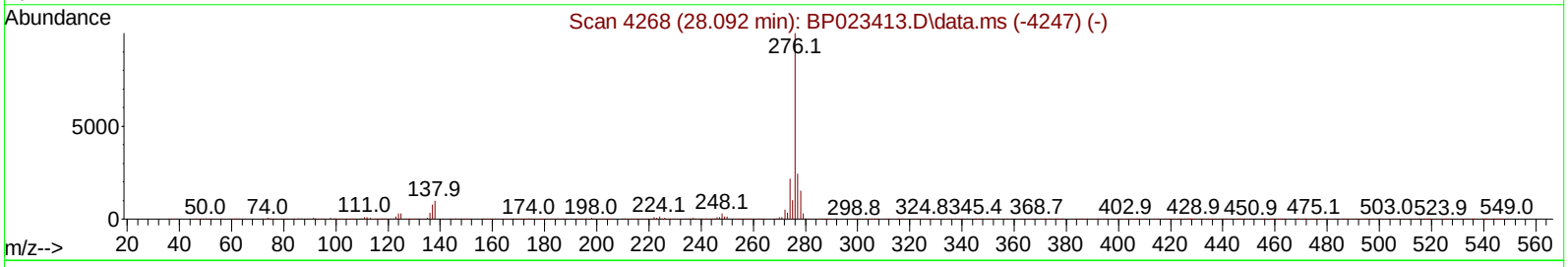

TIC: BP023419.D\data.ms

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

28.139min (-0.006) 67.18 ng/ul m

response 4042167

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	10.81
277.00	24.80	24.17
0.00	0.00	0.00

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Operator : RC/JU
Sample : P5232-22MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 13 14:49:56 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 :
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ClientSampleId :
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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	116058	20.000	ng/ul	0.00
20) Naphthalene-d8	10.281	136	433537	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.151	164	326081	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.951	188	732379	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	766367	20.000	ng/ul	-0.01
88) Perylene-d12	24.539	264	821921	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	13983	4.436	ng/uL	0.00
4) Pyridine-d5	3.511	84	224948	27.750	ng/ul	0.00
7) Phenol-d5	6.752	99	363684	39.938	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.887	67	202283	35.209	ng/ul	0.00
11) 2-Chlorophenol-d4	7.087	132	259695	38.640	ng/ul	0.00
15) 4-Methylphenol-d8	8.258	113	280418	38.155	ng/ul	0.00
21) Nitrobenzene-d5	8.681	128	122391	37.806	ng/ul	0.00
24) 2-Nitrophenol-d4	9.387	143	149632	40.104	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.934	165	338385	42.971	ng/ul	0.00
31) 4-Chloroaniline-d4	10.434	131	302710	34.314	ng/ul	0.00
46) Dimethylphthalate-d6	13.563	166	958823	37.877	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	896477	33.575	ng/ul	0.01
54) 4-Nitrophenol-d4	14.416	143	126223	40.690	ng/ul	0.00
60) Fluorene-d10	15.151	176	655681	29.448	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.316	200	84133	19.008	ng/ul	0.00
73) Anthracene-d10	17.057	188	1068254	31.960	ng/ul	0.00
81) Pyrene-d10	19.428	212	1091197	27.253	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.327	264	1005540	22.854	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.134	88	55439	15.894	ng/uL	92
5) Pyridine	3.528	79	410482	49.574	ng/ul	92
6) Benzaldehyde	6.711	77	76335	14.663	ng/ul	99
8) Phenol	6.775	94	646277	68.171	ng/ul	92
10) Bis(2-Chloroethyl)ether	6.981	93	440483	58.862	ng/ul	98
12) 2-Chlorophenol	7.116	128	429450	60.952	ng/ul	97
13) 2-Methylphenol	7.993	108	453557	64.511	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.040	45	527599	57.976	ng/ul	98
16) Acetophenone	8.352	105	726283	58.714	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.334	70	392440	58.224	ng/ul	96
18) 4-Methylphenol	8.322	108	492658	64.922	ng/ul	93
19) Hexachloroethane	8.587	117	180947	52.745	ng/ul	95
22) Nitrobenzene	8.722	77	596522	60.557	ng/ul	98
23) Isophorone	9.240	82	1099351	63.008	ng/ul	100
25) 2-Nitrophenol	9.416	139	246022	61.729	ng/ul	92
26) 2,4-Dimethylphenol	9.487	107	575562	65.217	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.705	93	613766	62.263	ng/ul	98
29) 2,4-Dichlorophenol	9.957	162	513571	65.804	ng/ul	98
30) Naphthalene	10.328	128	1369503	60.341	ng/ul	99
32) 4-Chloroaniline	10.457	127	435049	50.859	ng/ul	99
33) Hexachlorobutadiene	10.599	225	394367	56.964	ng/ul	98
34) Caprolactam	11.263	113	157667	69.236	ng/ul	97
35) 4-Chloro-3-methylphenol	11.599	107	573065	67.623	ng/ul	97

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	11.940	142	1017172	60.436 ng/ul	98
37) 1-Methylnaphthalene	12.163	142	1025898	59.817 ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.316	216	728674	61.236 ng/ul	98
40) Hexachlorocyclopentadiene	12.281	237	177682	31.078 ng/ul	99
41) 2,4,6-Trichlorophenol	12.569	196	501283	71.185 ng/ul	99
42) 2,4,5-Trichlorophenol	12.663	196	541501	71.971 ng/ul	99
43) 1,1'-Biphenyl	12.957	154	1432555	62.004 ng/ul	99
44) 2-Chloronaphthalene	13.004	162	1179529	63.116 ng/ul	98
45) 2-Nitroaniline	13.240	65	385530	71.203 ng/ul	91
47) Dimethylphthalate	13.604	163	1515821	60.790 ng/ul	99
48) 2,6-Dinitrotoluene	13.745	165	328716	68.800 ng/ul	87
50) Acenaphthylene	13.875	152	1740588	64.014 ng/ul	99
51) 3-Nitroaniline	14.087	138	276386	69.020 ng/ul	99
52) Acenaphthene	14.216	153	1233987	62.090 ng/ul	99
53) 2,4-Dinitrophenol	14.304	184	90312	29.312 ng/ul	97
55) 4-Nitrophenol	14.434	109	313555	75.030 ng/ul	97
56) Dibenzofuran	14.557	168	1847757	61.219 ng/ul	99
57) 2,4-Dinitrotoluene	14.557	165	493781	64.134 ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.798	232	486837	65.178 ng/ul#	96
59) Diethylphthalate	14.992	149	1522810	61.234 ng/ul	98
61) Fluorene	15.222	166	1506404	61.296 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.210	204	878577	61.637 ng/ul	99
63) 4-Nitroaniline	15.269	138	253829	72.068 ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.334	198	168355	35.855 ng/ul#	95
67) N-Nitrosodiphenylamine	15.434	169	1287393	68.835 ng/ul	100
68) 4-Bromophenyl-phenylether	16.116	248	585306	67.699 ng/ul	98
69) Hexachlorobenzene	16.245	284	698959	65.990 ng/ul	95
70) Atrazine	16.416	200	558356	68.610 ng/ul	99
71) Pentachlorophenol	16.610	266	456688	73.870 ng/ul	96
72) Phenanthrene	16.998	178	2520536	66.570 ng/ul	100
74) Anthracene	17.092	178	2492886	65.846 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.928	216	728472	69.004 ng/uL	98
76) Pentachlorobenzene	14.481	250	778490	66.903 ng/uL	99
77) Carbazole	17.386	167	2129817	69.050 ng/ul	99
78) Di-n-butylphthalate	17.951	149	2551455	67.323 ng/ul	99
80) Fluoranthene	19.086	202	3216625	70.110 ng/ul	98
82) Pyrene	19.463	202	3230094	66.346 ng/ul	100
83) Butylbenzylphthalate	20.422	149	1145675	67.944 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.286	252	490346	27.884 ng/ul	100
85) Benzo(a)anthracene	21.357	228	3261081	63.457 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	1679334	69.352 ng/ul#	98
87) Chrysene	21.422	228	3020084	61.324 ng/ul	99
89) Di-n-octyl phthalate	22.480	149	2788915	69.476 ng/ul	100
90) Benzo(b)fluoranthene	23.545	252	3293816	63.784 ng/ul	99
91) Benzo(k)fluoranthene	23.621	252	3303861	64.302 ng/ul	99
93) Benzo(a)pyrene	24.404	252	3036564	64.853 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.139	276	4042167m	67.179 ng/ul	
95) Dibenzo(a,h)anthracene	28.186	278	3253133	67.558 ng/ul	100
96) Benzo(g,h,i)perylene	29.239	276	3051378	66.235 ng/ul	99

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

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