

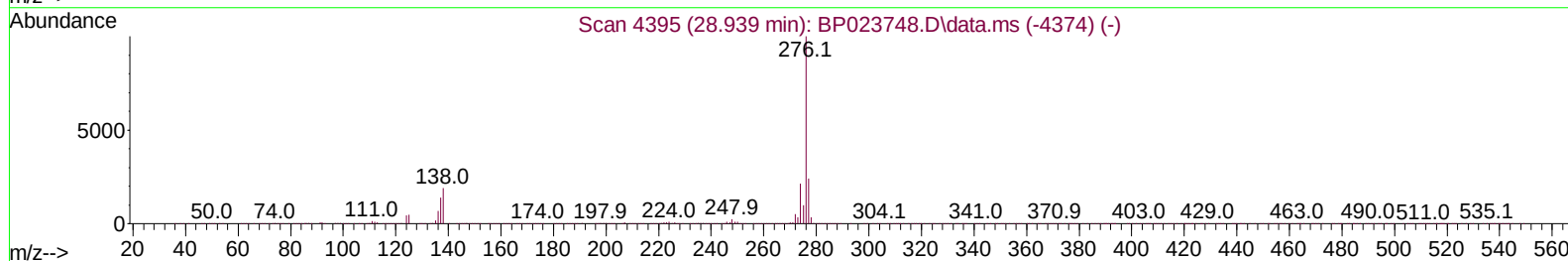
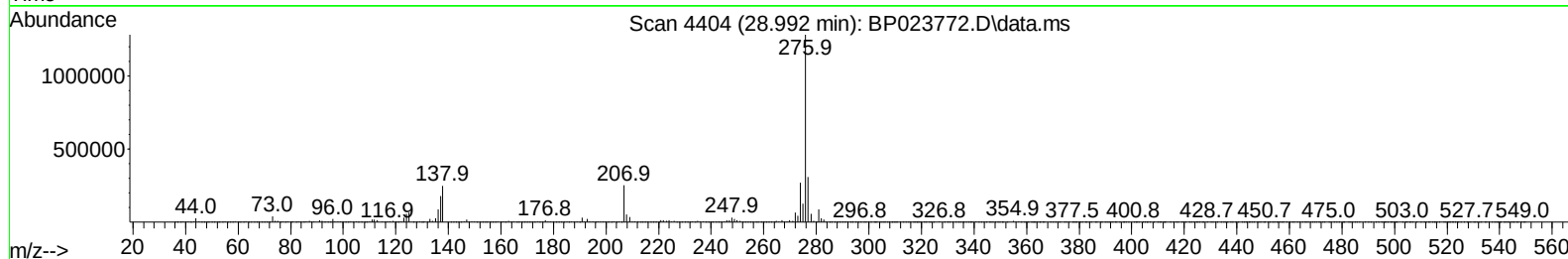
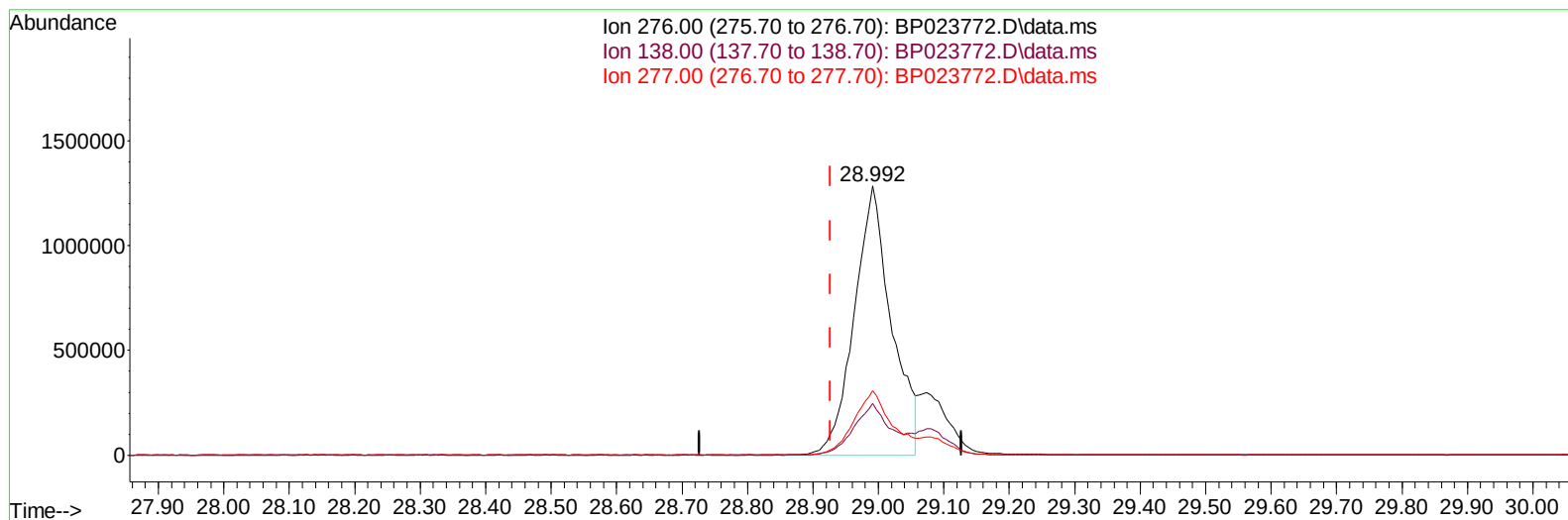
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023772.D
Acq On : 28 Jan 2025 14:14
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jan 28 14:43:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 27 21:53:59 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 01/31/2025



TIC: BP023772.D\data.ms

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

28.992min (+ 0.065) 17.56 ng/u1

response 5063993

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.80	19.35
277.00	24.00	23.92
0.00	0.00	0.00

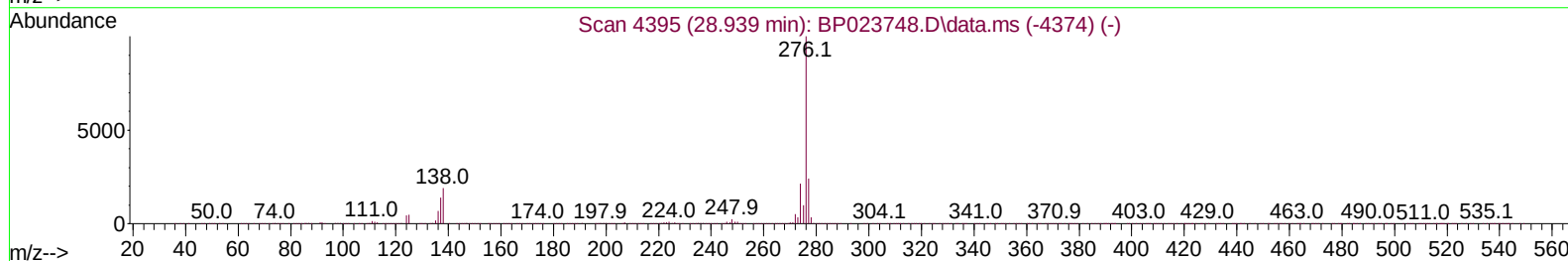
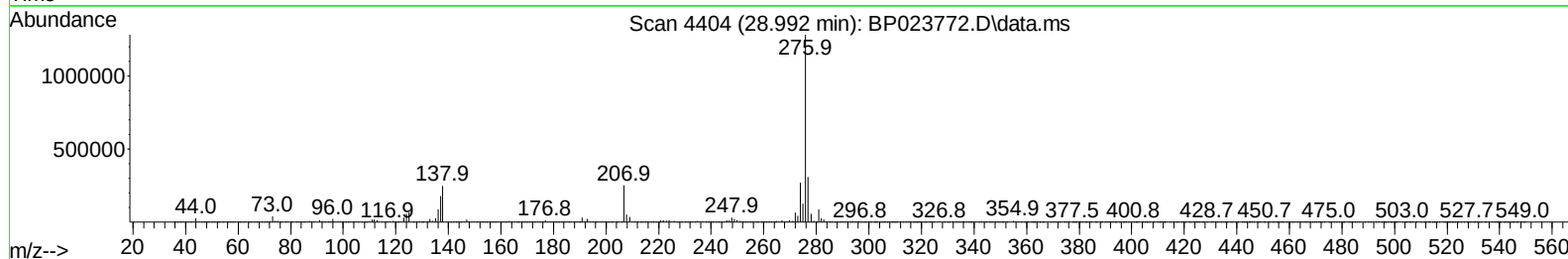
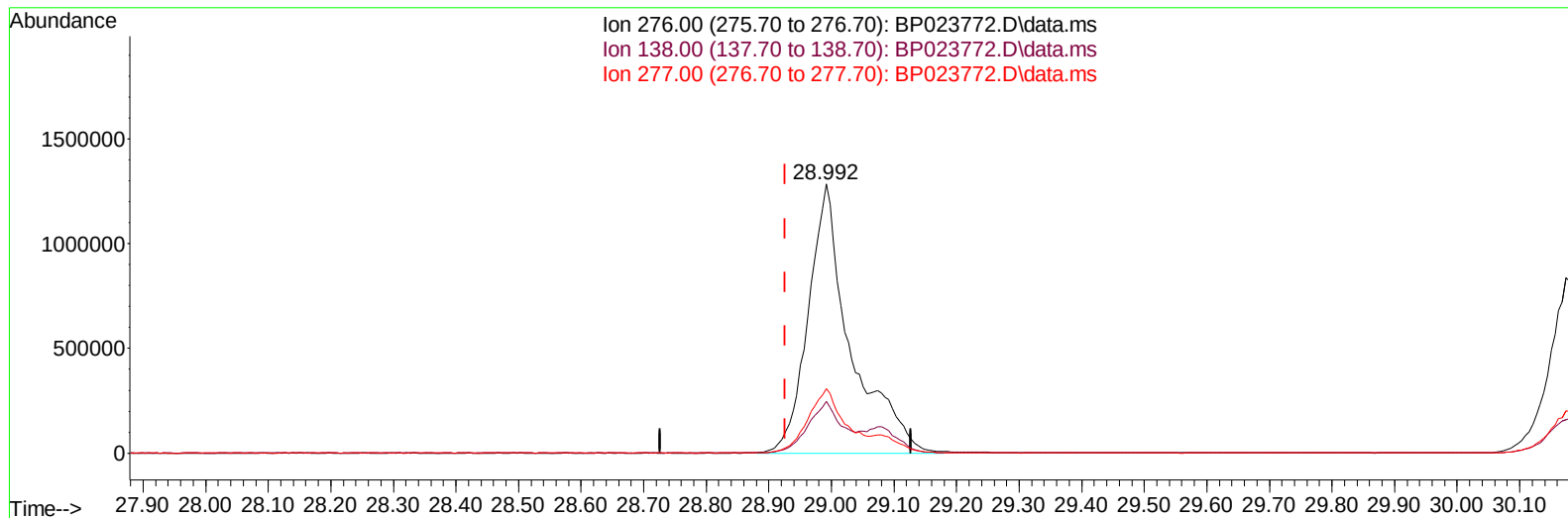
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TIC: BP023772.D\data.ms

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

28.992min (+ 0.065) 20.85 ng/ul m

response 6012960

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.80	19.35
277.00	24.00	23.92
0.00	0.00	0.00

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Quant Time: Jan 29 08:28:38 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	570889	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.557	136	2485160	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.422	164	1627612	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	3271986	20.000	ng/ul	0.02
79) Chrysene-d12	21.692	240	3837350	20.000	ng/ul	0.02
88) Perylene-d12	25.098	264	4149793	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	110662	7.807	ng/uL	-0.02
4) Pyridine-d5	3.687	84	821350	20.081	ng/ul	-0.02
7) Phenol-d5	6.946	99	1047334	21.681	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	530862	19.456	ng/ul	-0.03
11) 2-Chlorophenol-d4	7.310	132	797825	21.725	ng/ul	-0.02
15) 4-Methylphenol-d8	8.469	113	813021	21.403	ng/ul	0.00
21) Nitrobenzene-d5	8.910	128	393676	21.025	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.628	143	415087	24.181	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.181	165	798822	22.139	ng/ul	0.00
31) 4-Chloroaniline-d4	10.681	131	1193463	20.682	ng/ul	-0.01
46) Dimethylphthalate-d6	13.822	166	2362561	20.184	ng/ul	0.00
49) Acenaphthylene-d8	14.104	160	2739305	20.220	ng/ul	0.00
54) 4-Nitrophenol-d4	14.651	143	446041	18.965	ng/ul	0.06
60) Fluorene-d10	15.422	176	2046394	20.423	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	335818	20.842	ng/ul	0.02
73) Anthracene-d10	17.339	188	3210832	20.440	ng/ul	0.02
81) Pyrene-d10	19.710	212	4076333	20.876	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.868	264	4322684	20.811	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	117862	7.860	ng/uL	96
5) Pyridine	3.705	79	829679	20.064	ng/ul	96
6) Benzaldehyde	6.905	77	630306	25.963	ng/ul	96
8) Phenol	6.981	94	1041157	20.598	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.187	93	786111	19.991	ng/ul	99
12) 2-Chlorophenol	7.340	128	827624	21.259	ng/ul	98
13) 2-Methylphenol	8.210	108	769403	20.976	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.281	45	826049	20.253	ng/ul	99
16) Acetophenone	8.575	105	1282659	21.026	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.563	70	595749	21.108	ng/ul	98
18) 4-Methylphenol	8.540	108	865904	21.232	ng/ul	95
19) Hexachloroethane	8.840	117	316128	19.868	ng/ul	94
22) Nitrobenzene	8.952	77	874955	20.001	ng/ul	98
23) Isophorone	9.475	82	1693004	20.347	ng/ul	99
25) 2-Nitrophenol	9.657	139	465201	23.083	ng/ul	97
26) 2,4-Dimethylphenol	9.728	107	868482	20.792	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.957	93	1079976	20.031	ng/ul	99
29) 2,4-Dichlorophenol	10.210	162	803934	21.552	ng/ul	98
30) Naphthalene	10.599	128	2662738	19.910	ng/ul	99
32) 4-Chloroaniline	10.704	127	1071219	19.445	ng/ul	99
33) Hexachlorobutadiene	10.893	225	467538	19.911	ng/ul	99
34) Caprolactam	11.487	113	312863	22.864	ng/ul	96
35) 4-Chloro-3-methylphenol	11.851	107	861015	22.282	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.228	142	1867896	20.683	ng/ul	99
37) 1-Methylnaphthalene	12.428	142	1878453	20.807	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.598	216	956884	19.793	ng/ul	99
40) Hexachlorocyclopentadiene	12.581	237	562197	22.823	ng/ul	98
41) 2,4,6-Trichlorophenol	12.834	196	639412	22.496	ng/ul	99
42) 2,4,5-Trichlorophenol	12.916	196	705849	22.483	ng/ul	100
43) 1,1'-Biphenyl	13.234	154	2434466	19.879	ng/ul	99
44) 2-Chloronaphthalene	13.281	162	1918194	20.118	ng/ul	99
45) 2-Nitroaniline	13.481	65	490962	21.682	ng/ul	94
47) Dimethylphthalate	13.875	163	2339207	19.906	ng/ul	100
48) 2,6-Dinitrotoluene	13.987	165	463271	22.103	ng/ul	96
50) Acenaphthylene	14.134	152	2932061	19.962	ng/ul	100
51) 3-Nitroaniline	14.322	138	528579	21.609	ng/ul	96
52) Acenaphthene	14.481	153	2074269	19.973	ng/ul	99
53) 2,4-Dinitrophenol	14.528	184	239090	23.235	ng/ul	94
55) 4-Nitrophenol	14.663	109	322354	18.676	ng/ul	98
56) Dibenzofuran	14.816	168	2899223	20.296	ng/ul	100
57) 2,4-Dinitrotoluene	14.781	165	690274	22.013	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.057	232	578532	22.438	ng/ul	98
59) Diethylphthalate	15.263	149	2347770	20.313	ng/ul	99
61) Fluorene	15.486	166	2395103	20.121	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.481	204	1157915	19.873	ng/ul	99
63) 4-Nitroaniline	15.492	138	554814	22.293	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.557	198	375967	20.748	ng/ul	99
67) N-Nitrosodiphenylamine	15.704	169	2000623	20.358	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	721254	20.589	ng/ul	98
69) Hexachlorobenzene	16.510	284	852255	19.992	ng/ul	98
70) Atrazine	16.686	200	732641	20.212	ng/ul	99
71) Pentachlorophenol	16.886	266	552739	21.465	ng/ul	100
72) Phenanthrene	17.286	178	3671049	19.858	ng/ul	99
74) Anthracene	17.369	178	3762701	20.491	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.204	216	964876	20.326	ng/uL	99
76) Pentachlorobenzene	14.739	250	1033523	20.496	ng/uL	100
77) Carbazole	17.651	167	3416073	21.180	ng/ul	99
78) Di-n-butylphthalate	18.251	149	3941991	21.479	ng/ul	99
80) Fluoranthene	19.363	202	4714063	21.233	ng/ul	99
82) Pyrene	19.739	202	5093016	21.121	ng/ul	96
83) Butylbenzylphthalate	20.698	149	1933476	22.233	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.598	252	1489945	22.001	ng/ul	99
85) Benzo(a)anthracene	21.669	228	4997132	20.541	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.627	149	2769060	21.351	ng/ul#	97
87) Chrysene	21.739	228	4611559	20.248	ng/ul	100
89) Di-n-octyl phthalate	22.933	149	4526637	21.760	ng/ul	100
90) Benzo(b)fluoranthene	24.027	252	4979784	20.200	ng/ul	100
91) Benzo(k)fluoranthene	24.098	252	4936213	19.424	ng/ul	99
93) Benzo(a)pyrene	24.933	252	4637352	19.987	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.992	276	6012960m	20.851	ng/ul	
95) Dibenzo(a,h)anthracene	29.080	278	4887356	20.862	ng/ul	99
96) Benzo(g,h,i)perylene	30.192	276	4613233	20.796	ng/ul	97

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

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