Quantitation Report (Qedit)

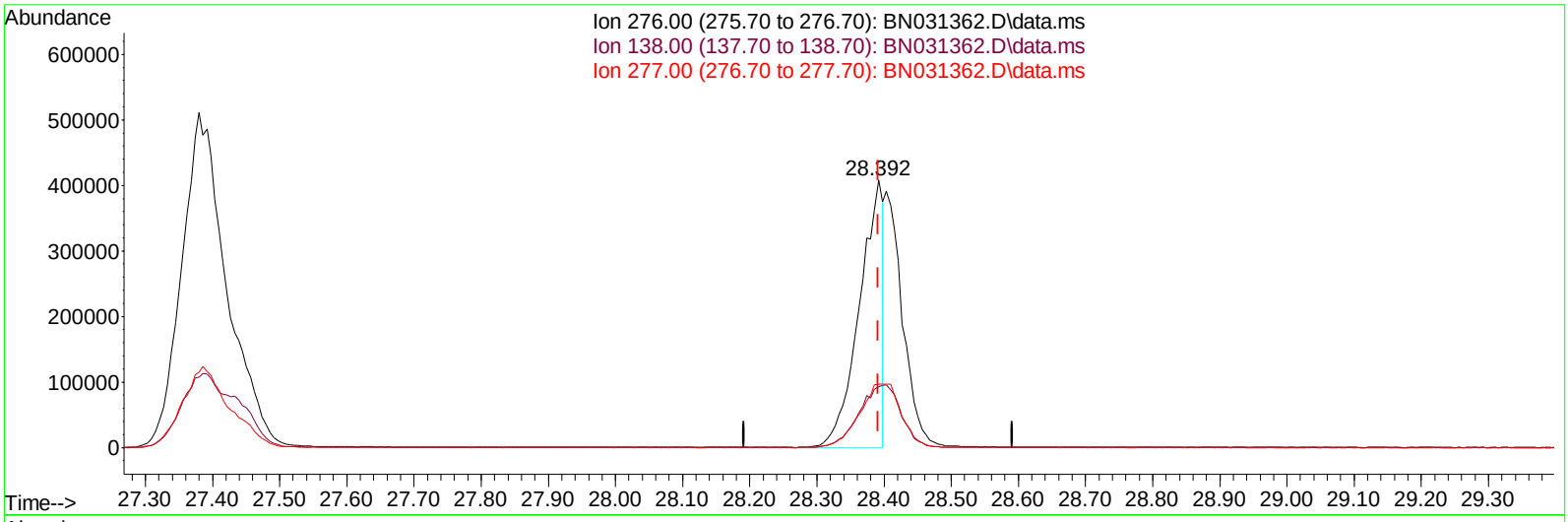
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
Data File : BN031362.D
Acq On : 02 May 2024 00:30
Operator : MA/JU
Sample : P2105-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

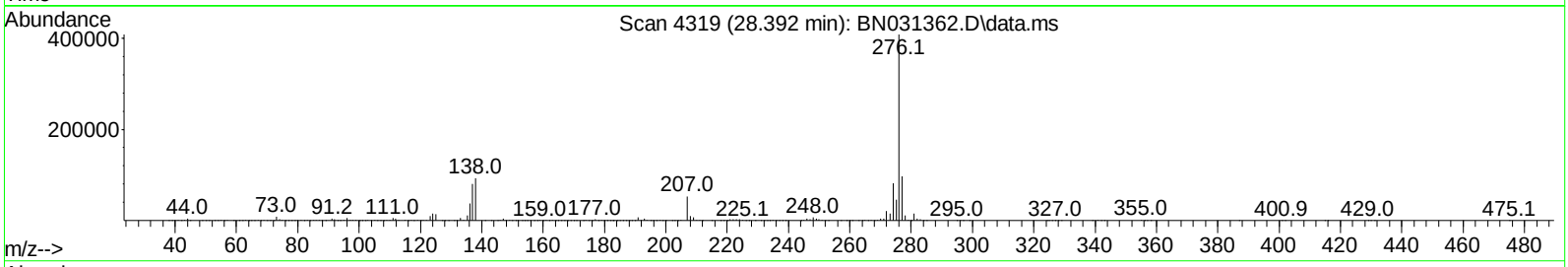
Quant Time: May 02 03:51:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 02 00:07:34 2024
Response via : Initial Calibration

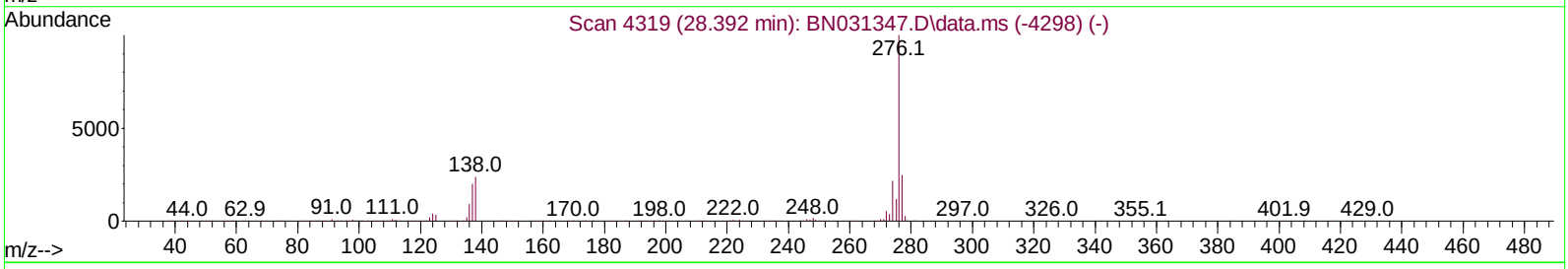
Instrument :
BNA_N
ClientSampleId :
C0AC7MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024







TIC: BN031362.D\data.ms

(96) Benzo(g,h,i)perylene

28.392min (+ 0.000) 22.72 ng/ul

response 997945

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.50	22.86
277.00	22.50	23.71
0.00	0.00	0.00

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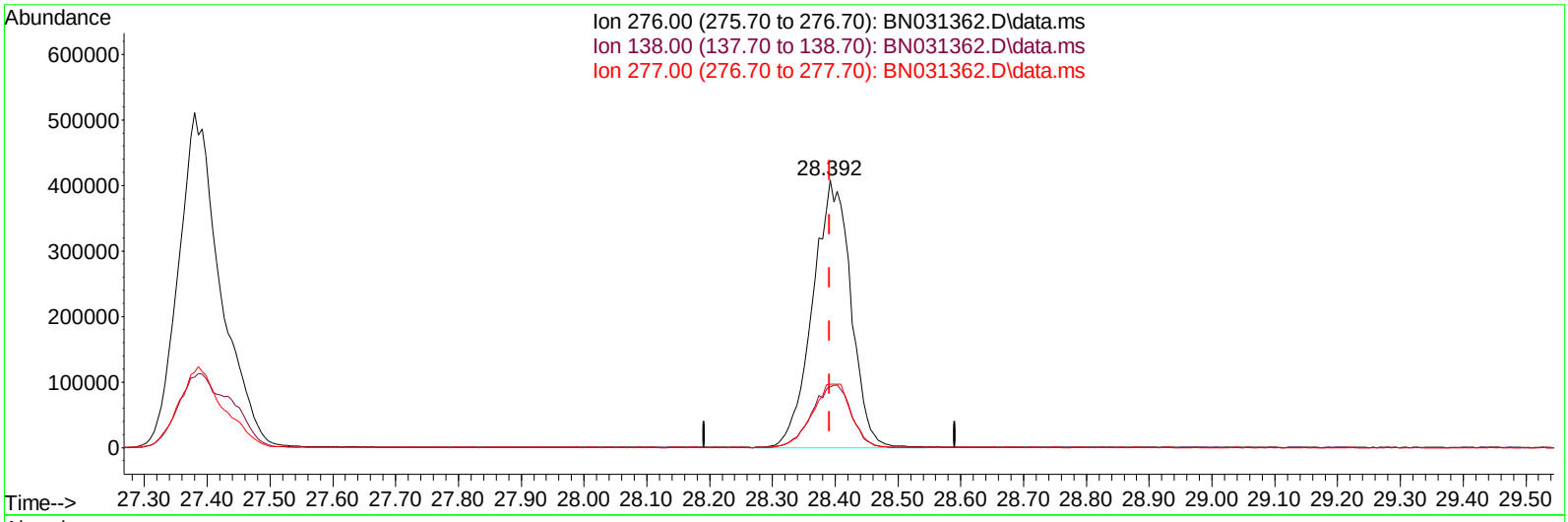

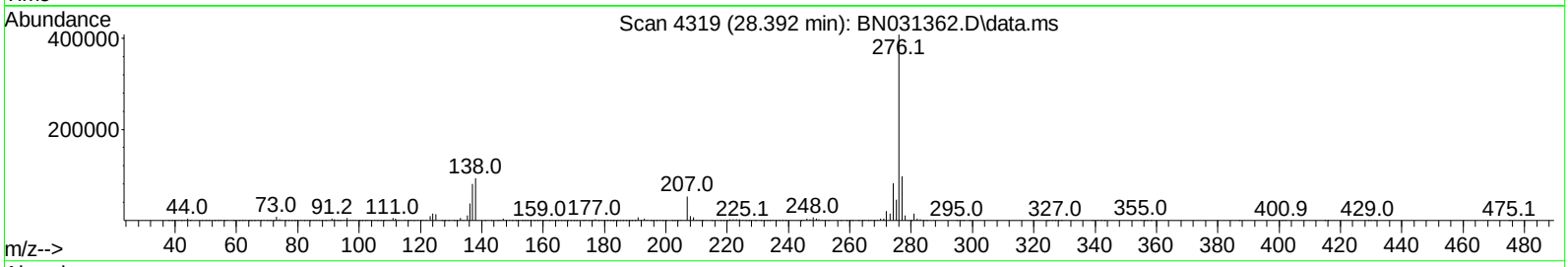

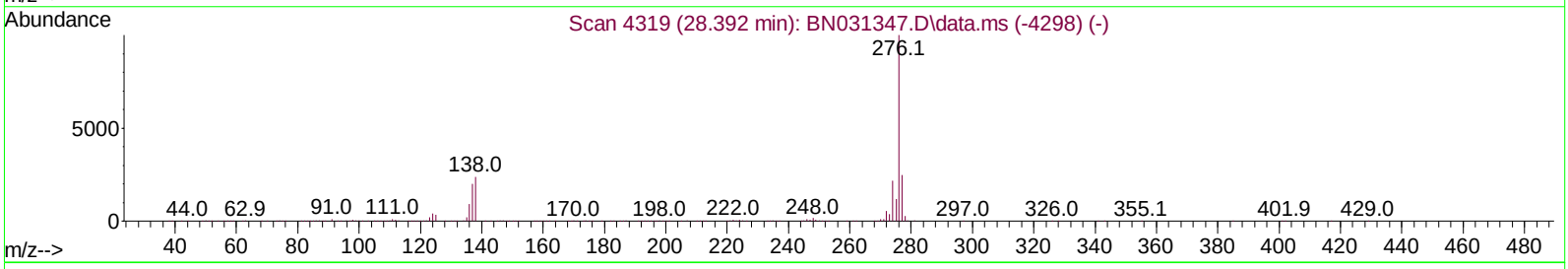

TIC: BN031362.D\data.ms

(96) Benzo(g,h,i)perylene

28.392min (+ 0.000) 39.21 ng/ul m

response 1722146

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.50	22.86
277.00	22.50	23.71
0.00	0.00	0.00

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Acq On : 02 May 2024 00:30
Operator : MA/JU
Sample : P2105-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 02 03:52:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 02 00:07:34 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AC7MS

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 05/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	141688	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	715743	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	419321	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	835626	20.000	ng/ul	0.00
79) Chrysene-d12	21.251	240	572434	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	886516	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	28079	9.226	ng/uL	0.00
4) Pyridine-d5	3.540	84	236868	27.179	ng/ul	0.00
7) Phenol-d5	6.793	99	439837	38.577	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	259889	38.930	ng/ul	0.00
11) 2-Chlorophenol-d4	7.146	132	309822	33.967	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	253270	26.806	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	132591	25.705	ng/ul	0.00
24) 2-Nitrophenol-d4	9.481	143	194373	35.012	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	352560	34.198	ng/ul	0.00
31) 4-Chloroaniline-d4	10.534	131	245405	16.426	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	955916	34.579	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	1119895	34.914	ng/ul	0.00
54) 4-Nitrophenol-d4	14.487	143	184500	36.776	ng/ul	0.00
60) Fluorene-d10	15.257	176	708340	30.006	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.392	200	117783	27.409	ng/ul	0.00
73) Anthracene-d10	17.110	188	1215809	35.255	ng/ul	0.00
81) Pyrene-d10	19.416	212	1444568	41.436	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	1482838	36.130	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	49492	14.942	ng/uL	93
5) Pyridine	3.558	79	333480	38.091	ng/ul	95
6) Benzaldehyde	6.763	77	286486	50.046	ng/ul	96
8) Phenol	6.816	94	537905	46.419	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.052	93	411870	43.906	ng/ul	97
12) 2-Chlorophenol	7.181	128	381455	40.222	ng/ul	96
13) 2-Methylphenol	8.057	108	303510	33.724	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	427668	34.550	ng/ul	99
16) Acetophenone	8.434	105	457788	32.587	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.422	70	220317	29.871	ng/ul	99
18) 4-Methylphenol	8.387	108	308918	31.361	ng/ul	99
19) Hexachloroethane	8.675	117	133736	34.852	ng/ul	96
22) Nitrobenzene	8.810	77	353770	29.228	ng/ul	98
23) Isophorone	9.334	82	831475	35.203	ng/ul	99
25) 2-Nitrophenol	9.516	139	241025	39.796	ng/ul	99
26) 2,4-Dimethylphenol	9.581	107	392809	34.503	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.816	93	529056	35.611	ng/ul	99
29) 2,4-Dichlorophenol	10.046	162	400952	39.395	ng/ul	97
30) Naphthalene	10.440	128	1336839	38.008	ng/ul	99
32) 4-Chloroaniline	10.563	127	506036	35.376	ng/ul	98
33) Hexachlorobutadiene	10.716	225	242620	40.327	ng/ul	96
34) Caprolactam	11.346	113	132767	36.518	ng/ul	98
35) 4-Chloro-3-methylphenol	11.693	107	385295	32.959	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	12.063	142	768686	31.521	ng/ul	95
37) 1-Methylnaphthalene	12.281	142	814340	33.012	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.434	216	453449	41.899	ng/ul	97
40) Hexachlorocyclopentadiene	12.404	237	154483	25.501	ng/ul	95
41) 2,4,6-Trichlorophenol	12.687	196	302822	40.700	ng/ul	99
42) 2,4,5-Trichlorophenol	12.757	196	327768	40.393	ng/ul	99
43) 1,1'-Biphenyl	13.087	154	1141693	40.087	ng/ul	100
44) 2-Chloronaphthalene	13.128	162	891233	39.623	ng/ul	99
45) 2-Nitroaniline	13.345	65	264473	41.511	ng/ul	99
47) Dimethylphthalate	13.728	163	1086064	38.343	ng/ul	100
48) 2,6-Dinitrotoluene	13.851	165	227236	41.115	ng/ul	99
50) Acenaphthylene	13.981	152	1427810	39.117	ng/ul	99
51) 3-Nitroaniline	14.181	138	251975	42.332	ng/ul	99
52) Acenaphthene	14.328	153	929854	38.402	ng/ul	99
53) 2,4-Dinitrophenol	14.392	184	111250	35.223	ng/ul	92
55) 4-Nitrophenol	14.498	109	180532	44.945	ng/ul	98
56) Dibenzofuran	14.663	168	1290270	39.241	ng/ul	97
57) 2,4-Dinitrotoluene	14.639	165	330598	40.785	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.892	232	229567	33.847	ng/ul#	90
59) Diethylphthalate	15.098	149	834200	29.221	ng/ul	99
61) Fluorene	15.316	166	902756	34.437	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.316	204	434363	34.348	ng/ul	97
63) 4-Nitroaniline	15.351	138	211814	38.863	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.404	198	158688	34.450	ng/ul	97
67) N-Nitrosodiphenylamine	15.534	169	770093	34.685	ng/ul	99
68) 4-Bromophenyl-phenylether	16.210	248	290103	37.110	ng/ul	97
69) Hexachlorobenzene	16.316	284	327048	36.278	ng/ul	99
70) Atrazine	16.492	200	285985	39.655	ng/ul	96
71) Pentachlorophenol	16.663	266	198867	36.435	ng/ul	95
72) Phenanthrene	17.057	178	1668636	40.350	ng/ul	99
74) Anthracene	17.145	178	1648317	39.857	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	451016	42.611	ng/uL	99
76) Pentachlorobenzene	14.575	250	428439	41.275	ng/uL	99
77) Carbazole	17.428	167	1561272	43.223	ng/ul	100
78) Di-n-butylphthalate	17.992	149	2019313	43.140	ng/ul	99
80) Fluoranthene	19.080	202	1919313	45.924	ng/ul	99
82) Pyrene	19.445	202	1998823	46.883	ng/ul	99
83) Butylbenzylphthalate	20.363	149	885354	49.706	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.169	252	411789	40.205	ng/ul	99
85) Benzo(a)anthracene	21.233	228	1468562	39.311	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.163	149	1001343	42.728	ng/ul	99
87) Chrysene	21.292	228	1514003	43.255	ng/ul	97
89) Di-n-octyl phthalate	22.257	149	1814525	27.625	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	1922691	35.788	ng/ul	98
91) Benzo(k)fluoranthene	23.286	252	1841252	34.849	ng/ul	98
93) Benzo(a)pyrene	24.010	252	1689396	35.158	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.380	276	2381648	43.744	ng/ul	96
95) Dibenzo(a,h)anthracene	27.445	278	1933018	42.740	ng/ul	99
96) Benzo(g,h,i)perylene	28.392	276	1722146m	39.214	ng/ul	

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

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